

JDCRP Central Data Repository

Front-End Tender Details

Qualifications

The bid should include your company's track record dealing with similar projects and the individual qualifications of the people who will participate in the project. In particular, the qualifications sought include:

- Proven track record developing front-end applications supporting user's search tasks as well as exploratory search, allowing both casual and expert users to benefit from the data.
- Employee(s) with degree-level IT knowledge and skills relevant for the development of work packages detailed below.
- The project team should consist of well-rounded employees who have junior [0-33%], medium-level, and senior [66-100%] levels of experience and skills relevant for the development of work packages detailed below.
- Experience working with data relating to cultural heritage, provenance research, and/or art history.
- Adhere to modern software development standards such as using iterative development cycles including development sprints and goal-oriented project management methods.
- Close familiarity with the technologies mentioned and required to fulfill the work packages.

Technical Requirements

We envision the following tasks to be part of the project methodology:

3.1: Method Development

- Creating wireframes and mock-ups for requirement validation with the JDCRP team and user groups, gathering feedback, and integrating changes based on that feedback.
- Co-ordinating closely with the service provider developing the back-end system, taking part in their sprints, and providing them with feature requests based on user feedback.
- Analysis of aimed functionalities and of user needs which will result in concrete user features and estimates of implementation time per feature.
- Assessment of technologies, infrastructure, and datasets already in use by the JDCRP.
- Developing a unified and understandable navigation system based on the structure and (inter)connections between the archival data sources.
- Participating and/or contributing to the writing of relevant sections of (interim) reports required by funding parties.
- Outline of technical feasibility and technical implementation plan for the platform as anticipated in work packages 3.1-3.3.

We envision that the provided service fulfills the following work packages:

3.2: Search the Central Archival Data Repository

- Support basic search functionality, including retrieving auto-completing suggestions from the back-end system for completing their query, retrieving auto-completing suggestions from the back-end system for archival sources, and displaying examples of search terms.

- Support advanced search functionality, allowing users to select which fields to search in, which datasets to include, and selecting tags or categories for their search.
- Display search results as a list or grid, including thumbnails of the source documents and a preview of the data on the document. Users must be able to filter their results with the use of search facets/filters and including information relevant to the user such as highlighting the search terms in the results and showing the total number of results.
- Align the development of the front-end application according to the development of the back-end system, as well as participating in sprints with the back-end team as needed.

3.3: Archival Source Document Detail Page

- For each search archival source document, provide access to a detail page showing all available data for a given archival source item, including the image(s).
- Present potential matches and links to other sources clearly and accurately to users while sticking to the sources.
- Propose improvements to the user interface that help the user navigate the data, ensure that the information presented to the user is clear, understandable, and always retraceable to the source document.

Users

The JDCRP generally envisions two distinct groups of users to use the Central Archival Data Repository. Firstly, a casual user with no in-depth knowledge of the type of records that comprise the platform, and secondly, an expert user who has a deep understanding of the data and the material it describes.

Timeline

Throughout the duration of the project, we expect that time for testing and iterative improvement is allocated. Furthermore, writing documentation and reporting on progress will be required throughout the duration of the development. During the complete course of the project, the user interface will be developed and installed in iterative development cycles. Each cycle starts with JDCRP and the service provider agreeing on the concrete steps to be taken and outcomes to be achieved and will end with the review of the results and a formal acceptance procedure. JDCRP should be trained to apply the technology on various data sets in relation to each development cycle.

The following timeline represents the current expectation of the project development. This timeline may be subject to changes according to progress achieved.

Q2 2024: Iteration 1

Work together closely with the JDCRP to understand the vision, objectives, and outcomes for the project and Central Archival Data Repository. Create a detailed work schedule, facilitate discussions between JDCRP team members, stakeholders, service providers, and user representatives by means of mock-ups and wireframes.

Q2 2024: Iteration 2

Break down the requirements of the front-end applications into subtasks and categorize them. Assign and schedule the subtasks according to their priority. Interface with user groups based on the existing prototype of the front-end application.

Q3 2024: Iteration 3

Provide internal access to a first version of the Central Archival Data Repository for testing. Setup tests with team members and/or users to gather further feedback. Continue to scale-up as increasing amounts of data are added to the back-end system.

Q3 2024: Iteration 4

Continue implementation tasks, while having regular sessions with JDCRP team members and/or user representatives to validate the outcome. Co-ordinate closely with the back-end service provider to align regarding APIs, endpoints, authorization, and authentication.

Q4 2024: Iteration 5

Keep track of issues and implement fixes accordingly. Finalize the release of the Central Archival Data Repository and escalate blocking issues. Ensure system stability and usability under production workload.

(Optional) Q4 2024: Iteration 6

Continue development and improvement based on the outcome of feedback sessions. Optimize system performance improving system usability and stability. Review overall project process and give recommendations for next steps.

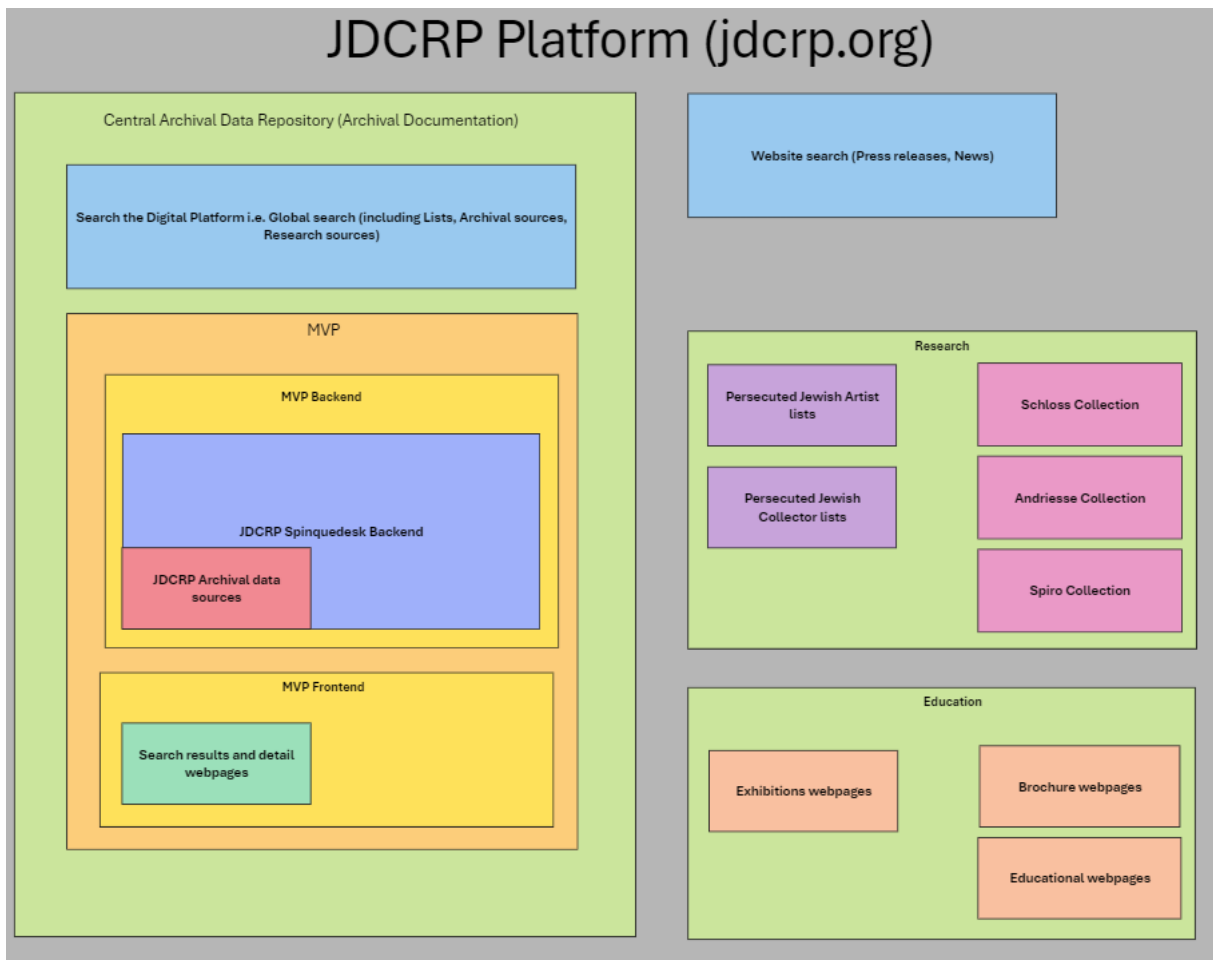
Document Format

- Please send your bid including all information requested in one PDF file.
- Supporting documents may be added in a second PDF file.
- The total size of the documents should not exceed 10 MB.


Decision Making

The decision will be made upon the criteria detailed in the document 'JDCRP Public Tender Decision Matrix WP3'.

Appendix A: JDCRP Platform



Appendix B: Data Examples

CLASSIFICATION: <u>Painting</u>	PROPERTY CARD-ART		NO: WIE 3165/4 58
AUTHOR: F. Harburger	SUBJECT: Flower Stillife		PRESUMED OWNER: Transferred into the custody of JRSO, Nuernberg
MEASUREMENTS: 54 by 45 cm	MATERIAL: oil on canvas		INV. NO:
WEIGHT:	ARRIVAL CONDITION: good - undamaged		CAT. NO:
DEPOT POSSESSOR: I.E.J. Frankfurt	DESCRIPTION: Stillife with Peonies in a large grey vase. Unframed.		
DEPOT NO:			
IDENTIFYING MARKS:	BIBLIOGRAPHY:		FOR OFFICE USE CLAIM NO: OTHER PHOTOS: NEG. NO: MOVEMENTS: <i>31</i> <i>Out-ship 3-20</i>

HISTORY AND OWNERSHIP:

Confiscated by the "Institut der NSDAP für Erforschung der Judenfrage".
Deposited at Hungen.
Received at CCP from the Offenbach Archival Depot.

CONDITION AND REPAIR RECORD:

LOCATION

<i>3</i> COPIES OF CARD FORWARDED <i>29. Apr.</i>	19 <i>46</i>	ARRIVAL DATE: 21 Febr. 46.	EXIT DATE: <i>JRSO, Nürnberg</i> 4. Juli 1951
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