

Call for Webdevelopers

Introduction

The National Museum of Slavonia is looking for webdevelopers to contribute to the development of the Historiana, a progressive web application designed to inspire and support history educators to teach history in an innovative way, as part of an open source project.

The main task is to develop a new building block designed to compare and contrast visual sources that can be used in the [eActivity Builder](#). The eActivity Builder makes it possible for users to create their own eLearning Activities in any language. The Building blocks can be used to create eLearning Activities. Each building block has its own functionality, and the different building blocks can be put in any order.

The development process includes:

- The development of a prototype;
- Processing feedback from partners and users at several occasions;
- Delivery of a copy of Historiana with a new functional building block; and
- Integration of the code in the main Historiana website.

The last step of the development process has to be done in cooperation with [Webtic](#), that has developed Historiana up to now.

Scope and specifications

The development of the compare and contrast building block, should be done on the basis of [this sketch](#). Documentation on the eActivity Builder and the Building Blocks can be found here: https://historiana.dev/activity_builder.html

The coding should be done in:

- Javascript (ES6) and HTML
- VueJS (a progressive javascript framework), Elements of Vuetify (Material Design Component Framework)

The code for the new building block needs to be compatible with the rest of Historiana. This means that the rest of Historiana should continue to function the same way with as without the new building block, and that standards for naming and file structure (defined by Webtic) are followed.

Historiana in an open source project. This means that new code also needs to be licensed with an open license, and should be publically available.

The development process should include

- Developing a standalone working prototype ($\pm 30\%$).
- Testing and finalising for use on tablets/touchscreens (landscape mode) and desktops (10%) in a copy of Historiana.
- Iterations (making improvements) (25%) in a copy of Historiana.
- Integration, testing and finalising ($\pm 30\%$).
- Creating documentation for future webdevelopers (goal: being able to work further on the code of a single BB) (5%).

The percentages in time are indicative and based on previous experience.

Budget

All tenderers will submit a tender document, with a budget for the project and a time planning, as described above. As a general guide, a budget of 10,000 - 20,000 euro should cover all phases of development, management, operation and associated costs, including VAT.

Tender criteria

Eligibility criteria

- Working level of English.
- Submission of complete tender (including itemised budget and timeplan).
- Experience with Javascript (ES6), HTML5
- Experience with reactive JavaScript: VueJS, Angular or React.
- Working knowledge of the Git version control system.
- Interest to be involved in the development of Historiana beyond the scope of this tender.

Selection criteria

Our selection is based on best value for money.

- Quality and relevance of the portfolio.
- Experience of working in open source projects.
- Experience of working in projects with multiple web developers.
- The willingness to be involved with Historiana beyond the scope of this project (please provide a short motivation).
- Price.

Submission procedure

Please send your offer (including itemised budget and timeplan), portfolio and CV to denis.detling@mso.hr before the end of business 13 May 2019.

Timetable

- Opening of the Call: 7. May 2019.
- Submission deadline: 21. May 2019.
- Award decision: 5. June 2019.

- Delivery deadline: 7 September 2019.

Key contacts

If you have any questions, you can contact

National Museum of Slavonia Denis Detling, Director denis.detling@mso.hr , +385 31 250 731	About the tender procedure and the sketch.
Webtic Paul Jongsma, Partner paulj@webtic.nl	About the web development process and the integration of the new code in Historiana.
EUROCLIO - European Association of History Educators Judith Geerling, Senior Manager judith@euroclio.eu , +31 70 3817836	About general questions on Historiana.

More information

All the documentation for webdevelopers is published on <https://historiana.dev/>. Here you can also find links to the repository at GitHub. An introduction to Historiana building blocks made for webdevelopers can be [found here](#).

A user's guide for Historiana can be found [here](#). There are several tutorials that demonstrate how Historiana is used:

- Registering a free account at Historiana (tinyurl.com/yctvweab).
- Adding sources from the source collections to MyHistoriana (tinyurl.com/yd4qkykn).
- Creating and saving an eLearning Activity (<https://tinyurl.com/yd9976t2>).
- Sharing eLearning Activities with students and others (tinyurl.com/ybqy4al2).