Call for Bids

Name of Project: Project Manager for the Introduction of PHP 8

Deadline for Bids: 14th of March 2021

Hand in Bids to: Matthias Kunkel, ILIAS e.V., info@ilias.de

Dear All,

the Technical Board of the ILIAS society hereby calls for bids for the aforementioned project.

After the big change from PHP 5 to PHP 7 and the experiences we made adapting ILIAS to this version of PHP, we learned some lessons and would like to apply them to the next big compatibility update necessary now due to the update of PHP to Version 8. To ensure a good process and to maximize the impact of this update we are looking for a project manager to oversee the project of updating ILIAS to be compatible with PHP 8. The role of the project manager will be to plan and monitor the process, but also to assure the quality of the outcome.

Details of the project are outlined on the next page. Please hand in your bids and a corresponding statement of work by email according to the information in the header.

Bids will be judged by the offered price and the details outlined in the statement of work. We are looking forward to your submissions.

Best regards,

Matthias Kunkel

on behalf of the Technical Board of the ILIAS society

Office:	Technical Board:		Contact:
Ebertplatz 14-16 · D-50668 Koeln	Timon Amstutz	Michael Jansen	E-Mail: tb@lists.ilias.de
General Manager: Matthias Kunkel	Richard Klees	Alexander Killing	Web: www.ilias.de
VR 16017 / Amtsgericht Köln			

Project Details

Name of Project:	Project Manager to ensure PHP 8 compatibility of ILIAS
Latest date of delivery:	31st of January 2022
Goals and Benchmarks:	• **Ensure that ILIAS 8 is compatible with PHP 8 by:**

- ○ Collect resource needs of maintainers to ensure their code is compatible with PHP 8

- ○ Create an overview of the financial needs and creating development packages to make an efficient fund-raising possible

- ○ Keep track of available funds

- ○ Ensure that all contracts settled as part of this project contain a standardized clause regarding code quality based upon the [ILIAS Development Guidelines and Standards](#)

- ○ Organize code reviews for all financed projects to ensure code quality in accordance with the standardized clause in the contract

- ○ Organize and chair by-weekly meetings to keep track of the progress concerning the compatibility with PHP 8 and to discuss development issues.

- ○ Make sure development issues coming up in these meetings are brought to the Jour Fixe and decided there.

- ○ Organize a final meeting to review the whole process and draw conclusions for the future in January 2022

- **Ensure changes to be sustainable:**

  ○ Initiate, moderate, and record discussions to share ideas and formalize concepts to push the code towards patterns that require less resources to adapt to new PHP versions.

  ○ Collect resource needs of maintainers to implement such improvements. Ideally these improvements are done hand in hand with the work needed to ensure compatibility with PHP 8.

General process notes:

- Proposals to abandon features due to problems with maintainability are also very much welcome.

- Financiers decide which parts of the project they want to support. If a financier is unsure which part to finance, a list of possible packages should be available. Priority recommendations of those packets are made by the Product Manager and the Technical Board.

- Since the amount of person days is hard to estimate, we are willing to accept service level agreements. Please include a rough estimate of the work needed. In this case we expect a monthly update on the work that has been performed and an estimate of the work still needed.

Deliverables:

- A standardized clause for contracts

- An overview of the financial needs and resources updated at least by-weekly

- A list of work packages

- A short project review with feedback from maintainers, financiers, and other regular participants of the monthly meeting as well as recommendations for future projects.

- **General Conditions:**

  - We expect the ILIAS Code Base to be compatible with PHP 8 at the Coding Completed Deadline (29th of October 2021).

  - We expect the group to keep working until mid January 2022 to discuss corresponding bugs and guarantee that development issues are taken up by the Jour Fixe.

  - We expect the final report to be ready by the final due date.