



## Global Health Technical Support for Global Public Health Data Innovation

### Task Order: Online training on use of JavaScript/PHP/SQL for public health and diagnostic laboratories

#### Background:

The Global Public Health Data Innovation (GPHDI) program's goal is to deliver an integrated package of activities that will advance public health data systems to meet the objectives of the agency. GPHDI is strongly informed by the principles and core efforts of Data Modernization Initiative (DMI), and aims to leverage, adapt, and adopt DMI artifacts (tools including software components, processes, architectural designs, data content and exchange standards, enabling policies, capacity development, etc.) that are being produced or adapted by Center for Disease Control and Prevention (CDC ) and partners under DMI, for use in strengthening data systems and CDC partners globally.

#### Task:

APHL is seeking a group that has the expertise and knowledge in the use and implementation of JavaScript/PHP/SQL for healthcare interoperability, with a specific focus on laboratories and surveillance. The entity should also have prior experience with providing training or mentoring and be able to share examples from real-world projects.

The training will be conducted virtually, likely on zoom. The training course should cover how to code programs using JavaScript/PHP/SQL or revise said coding as it relates to other healthcare interoperability standards. The contractor will need to conduct an initial baseline assessment of participants' skills and knowledge so they can include the gaps in the curriculum. Participants will be from Ministry of Health informatics/IT staff from various Spanish speaking countries. The contractor will ensure all participants receive the training materials, and any other support materials digitally.

It is desired but not required for the contractor to be able to deliver this training in Spanish.

The contractor is expected to provide at least 20 hours of virtual training over 4 weeks. At the conclusion of the 4 weeks of virtual training the students should be assigned a project to perform that is related to a health system in Paraguay. They would have a few weeks to work on this project and then present it during a 3-4 day in-person training located at the Ministry of Health in Asuncion, Paraguay. Travel costs for up to 2 staff would be covered by APHL, including flights, transportation, accommodation, and per diem.

#### Selection / Evaluation:

Proposals will be evaluated based on the following criteria:

- Experience and expertise in JavaScript/PHP/SQL and healthcare interoperability.
- Clear and innovative approach to curriculum development and training delivery.
- Demonstrated ability to engage and interact with diverse participant groups.
- Cost-effectiveness and budget alignment.



**Submission:**

The contractor is requested to submit a proposal (not exceeding 2 pages) that includes the following:

- Outline the contractor's approach to this task.
- Expected timeline to be followed with key milestones,
- Resources to be committed by the contractor.
- Requested budget allocation

Please note that this task order is being sent to several groups from the APHL GPHDI RFP

The deadline for this submission is March 22, 2024, to be submitted to [hewan.moges@aphl.org](mailto:hewan.moges@aphl.org).

The selected contractor will be notified by April 26, 2024.