TERMS OF REFERENCE

1. Purpose of the Consultancy:

WHO Integrated data platform is a DHIS2-based initiative hosted at the headquarters of the World Health Organization (WHO-HQ) in Geneva. It supports a range of programme activities in several WHO departments utilised by countries around the world. WHO seeks a consultant to support maintenance and development of the WHO integrated data platforms.

2. Work to be performed

Under the technical supervision of the IT team currently maintaining the WHO integrated data platforms (IT consultant hired by the department of Control of the Neglected Tropical Diseases and DATIM team at the University Polytechnic of Catalunya, Spain), the main administrator of the WHO integrated data platform, Health Information System (HIS) and IMT departments, and during three half days of duty per week:

- To ensure the <u>maintenance</u> of the five instances (development, pre-production, production-aggregated, production-individual, and training) of the WHO integrated data platform, based on DHIS2 software
- To run all the needed <u>tests</u> at the beginning of the three half days of duty per week and report and fix all detected issues
- To assist WHO departments using the "WHO integrated data platform" in making sure all DHIS2 useful elements are working properly in the different instances.
- To organize and participate to a <u>helpdesk</u> for users of the platform
- To monitor and participate in fixing the bugs reported by the users of the WHO integrated data platform
- To ensure the follow-up of the bugs that will have been forwarded to the University of Oslo
- To participate to the administration of the five instances of the WHO integrated platform
- To participate to the coordination of the developers that could be working in the different departments
- To participate in the development of tools which will improve the maintenance and administration of the "WHO integrated data platform"
- To participate in the documentation of the WHO integrated data platform, on DHIS2 software
- To participate to the monthly DHIS2 user group meeting and the monthly steering committee for the "WHO integrated data platform" and any other relevant meetings.
- To participate to any other relevant tasks related to the correct functioning of the "WHO integrated data platform"

Under the technical supervision of two specific departments (NVI and HWF), in collaboration with the IT team currently maintaining the WHO integrated data platforms and for on average 1 day per week:

- To undertake department specific activities, including
  - To update and maintain the data entry forms,
  - To contribute to data management,
  - To contribute to maintain program specific documentation, as required.

3. Duration/ Timeframe:

Start date: As soon as possible

The initial contract will be for 5 months, with potential for extension based on performance.

4. Work effort

5	**Months** (Please note that one month = 20 days)	☐ And ☒ Or	50	**Days**

Corresponds to a Full-Time Equivalent of: 50 %

(100% equals 40 hours a week – 4 weeks a month)

The consultant will be requested to work 5 half days per week:

- S/he will be in charge of ensuring the maintenance, test and help desk of the WHO integrated data platform two fixed mornings per week (to be chosen with the consultant at the beginning of the consultancy)
- The third half days of general maintenance will be flexible depending on the needs and the timetable of the other IT person ensuring the maintenance of the platform.
- Half days 4 and 5 will be to serve department specific needs as described above.

The tentative roster for each week work will be defined 7 days before.

5. Financial arrangements

USD 14000
- 25% upon signature of the contract
- 75% at the end of the contract after submitting short report with relevant documentation as annexes.

Basis of USD280 per day, USD5600 per month (full time basis)
➔ *USD 2800 per month (50%), USD 14000 for the 5 month period*

6. Key competences, technical background, and experience:

- Qualifications and experience required:

- University degree (Informatics, Information & Communication Technology or in other relevant social or quantitative science)

- Expertise on information and communication technology, especially on web-based software platforms and server maintenance

- Experience with DHIS2; API RESTful, Tomcat / Apache HTTP Server, HTML / CSS / JavaScript / jQuery / Ajax and PostgreSQL

- Experience with the WHO or any other UN agency is desirable

- Fluency in English

- Flexibility working within a team with diverse needs

- Creative problem-solving skills

- Effective communication skills with team members

- Skills / Technical skills and knowledge desirable:
  - RedHat / Ubuntu

  - Automation / monitoring

  - Bash scripting

  - Teamworking

  - Pedagogical skills for all IT levels

  - Fluency in French, Spanish or Arabic an asset

7. Place of assignment

This position is intended primarily to be executed via work on site at WHO headquarters, Geneva, Switzerland. Remote arrangement may also be considered.

If interested, please contact integrated-data@who.int and groutl@who.int .