

# **Terms of Reference for the enhancement of the UNAIDS Indicator Registry**

## **Background**

Launched on 13 March 2009, the UNAIDS Indicator Registry (later referred to as “the Registry”) is a central repository of up-to-date information on indicators used to track the HIV and AIDS epidemic and the response. The Registry gives professionals in HIV and AIDS monitoring and evaluation a comprehensive source for complete definitions of key indicators. In addition, the Registry highlights harmonized HIV-related indicators, which have been endorsed for use at the national level by a wide range of multilateral agencies and international organizations. The balance between the needs of users in the countries and the commitment to high-quality indicators is a hallmark of the Registry and will ensure its long-term value for monitoring and evaluation.

Many areas for potential enhancements of the Registry have been observed since its launch. To facilitate the next stage of the Indicator Registry development planned throughout 2010-2011, UNAIDS/EVA Division carried out a comprehensive independent assessment of the usability of the Registry and made recommendations on the future direction of the Registry development. The assessment findings, published in January 2010, focused on the technical functionality of the registry, not on the content.

The purpose of this Terms of Reference is to secure a consultant to carry out the recommended changes based on the assessment findings, to enhance the Registry to meet the needs of the increasing number of users, and to continue the technical maintenance and support of the system.

## **Responsibilities**

The Consultant will report to a separately dedicated person in Response Monitoring and Analysis (RMA) team at UNAIDS. The activities to be carried out are:

### ***Activity 1: Data Migration***

Migrate the indicator data, documents, and users from the current Registry's proprietary Microsoft SqlServer database to the Drupal free/opensource MySQL based database (Estimated 16 working days).

### ***Activity 2: To secure a hosting service that supports the new platform***

Drupal runs on an Apache and MySQL technologies platform. A hosting service capable of supporting this new system needs to be acquired, setup, and deployed with the enhanced Registry (estimated 13 working days).

***Activity 3: Define technical specifications of the registry according to the assessment findings, Reference Group feedback, and prototype, which will serve as the basis for implementation***

Together with the RMA focal point, technical specifications will be authored, documenting the functional and visual design of the enhanced registry, and producing the test cases that will be the bases of the User Acceptance Testing (estimated 10 working days).

***Activity 4: Implement the enhancements to the Registry according to the technical specification***

The consultant will use the technical specifications (output of activity 3) to implement the enhancements to the registry. The specific items of implementation are the exports modules (excel, word, pdf, and ix3), the Data Entry Form enhancements, and the Advanced Search Module. (estimated 40 working days)

***Activity 5: Translation of the interface to the four official UN languages***

The interface of the new system must be translated to the four official UNAIDS languages (French, Spanish, Russian and English). The consultant will secure the proper human resources to translate and update the website with the translation of the user-interface (estimated 10 working days).

***Activity 6: Routine maintenance and technical support of the Registry after release, based on feedback and needs of the users***

Following the release of the indicator registry, the consultant will allocate a number of days for routine maintenance of the registry, and to provide support to the users, to facilitate the change from the previous registry (estimated 2 working days per month until the end of the year = 10 days).

**Outputs:**

- a. Server hosting service secured and setup for hosting of registry
- b. Technical Specification documentation completed
- c. Migration of Data, Users, and Documents to the Drupal platform
- d. Addition of advanced Search module
- e. Addition of “age-group” and “tag” fields to Indicator Entry Forms

- f. Exports to Word, Excel, and proprietary IXF3 format
- g. Correction on formatting of PDF export
- h. Translation of interface to four UN languages
- i. Deployment and configuration of final Drupal based Registry
- j. Test Case document, integration testing, and quality checks
- h. Support and maintenance delivered

**Requirements for the consultant:**

- Professional with IT expertise in Database migration; Specific experience with MySql and SqlServer highly desirable.
- Thorough knowledge PHP, XML, HTML, CSS, and Javascript.
- Good knowledge of Drupal content management systems; Specific experience developing Drupal modules highly desirable.
- Track record of Human Interface web-design;
- Extensive experience with multi-lingual websites; Preference for consultant with access to translators, specifically, French, Spanish, and Russian;

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