FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Terms of Reference for Consultant ☒ /PSA ☐

Minimum number of years of relevant experience required: 1yr **X**   5yrs ☐   12+yrs ☐

Job Title:	Information systems developer
Division/Department:	FAO IT Division (CIODD)
Programme/Project Number:	
Location:	FAO Headquarters. Rome, Italy
Expected Start Date of Assignment: 04/01/2016	**Duration:** 6 months
Reports to: *Name:* Giorgio Lanzarone	*Title:* Information Management Officer

GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

The Information Systems Developer, category "C - base level", under the direct coordination of the Collaboration and Deployment Team Leader will perform the following duties with respect to the information systems, in particular for the tasks related to on-demand custom development:

- Participate in the coordination and development and deployment of technical applications and solutions based on corporate needs and requirements in support of FAO technical divisions and DOs;
- Participate in the implementation of new modules or enhancement of existing applications in support of FAO technical divisions and DOs;
- Support the migration of existing applications to the new supported platforms (modernization project);
- Perform performance tuning and browser compatibility assurance;
- Research, monitor and further development of the technical solutions and platforms for developing on-demand applications;
- Participate in the configuration and customization of CSS/HTML of thematic Web sites, based on best practices and technical needs;
- Participate in the integration of applications with WSO2 infrastructure;
- Ensure Intranet and Internet web site development for DOs as per their needs liaising with senior staff across the decentralized office network;
- Coordinate the development of on-demand mobile applications;
- Provide expert advice to Senior – Users and End-Users in order to assure the best user experience related to the applications;
- Contribute to the code optimization and performances monitoring of the on-demand applications;
- Participate in user training sessions;
- Ensure that the help material is up to date and in line with the organizational needs;
- Prepare technical documentation as needed;
- Perform other related duties as required.

KEY PERFORMANCE INDICATORS

Expected Outputs:	Required Completion Date:
• New Application on-demand developed as agreed with the customers	• monthly
• Development of new modules for existing applications as agreed with the customers	• weekly
• Integration with WSO2 and other corporate platforms	• monthly
• User training scheduled as requested	• weekly
• Timesheet reporting	• Daily

REQUIRED COMPETENCIES

Academic Qualifications

University degree in Computer Science, Information Technology, Mathematics, Statistics, Software Engineering or scientific high school degree and documented technical certifications and at least 5 year of relevant working experience in field indicated below.

Technical Competencies and Experience Requirements

General Requirements:
- Ability to work under pressure and with very strict deadlines;
- Ability to assimilate and analyse information efficiently and effectively;
- Client-oriented approach;
- Ability to work in small/large groups.

Competencies:
- Good knowledge of FAO Web sites;
- Good knowledge of FAO administrative systems;
- Advanced knowledge of Agile Development Process;
- Working knowledge of English.

Required technical knowledge, skills and experience:

- Excellent experience of Java EE;
- Excellent knowledge of at least one additional programming language (PHP, VB6, C++, C#, Python, JavaScript);
- Advanced experience of JQuery;
- Advanced experience with modern IDEs;
- Advanced experience of SQL;
- Excellent knowledge of both OOP and OOD;
- Advanced knowledge of ORM Framework;
- Advanced knowledge of SOA;
- Advance knowledge of J2EE Application Server;
- Advanced knowledge of REST/SOAP services;
- Knowledge of HTML5/CSS3;
- Knowledge of SCM tools;
- Good knowledge of Spring framework;
- Advanced experience of user requirements analysis.

Desirable technical skills and experience:

- Good knowledge of GSA
- Good knowledge of Flex3/Flex4, ZK, Bootstrap, JSP, Thymeleaf;
- Good knowledge of iReport, Jasper Report;
- Good knowledge of Mobile Applications development environments: Android, Cordova, PhoneGap;
- Good knowledge of Sharepoint;
- Good knowledge of TYPO3;
- Experience of Database administration: Oracle/MySQL/SQL server/MS Access;
- Good knowledge of project management tools: Apache Ant, Apache Maven, Gradle, Grunt, Gulp, Bower;
- Good knowledge of Apache Solr platform;
- Good knowledge of Configuration management and provisioning tools: Packer, Vagrant, Ansible, Docker;
- Good experience of Application Development on IBM FileNet platform;
- Experience of WSO2;
- Good experience of Administration and customization LANDesk/Jira platform;
- Experience of Microsoft Office plugin development;
- Experience of Atlassian plugin development;
- Experience of Software Quality analysis;
- Experience in designing Software Development Standard and Guidelines;
- Experience in Semantic Repositories;

Payment conditions: the daily honorarium will be paid monthly on when-actually-employed basis and will be defined depending on relevant qualifications and work experience up to within a range from 160 USD to 230 USD.

Schedule of work: The incumbent will be required to work and be present on the premises during the standard office hours of the duty station (from 8.30 till 17.00 for HQ), unless otherwise agreed with the supervisor and authorized by CIO-Director.
Absences will need to be coordinated and agreed according to CIO internal rules.
Working time will be reported in the internal timesheet system.

How to Apply

Interested applicants are required to create an online Personal Profile form (PPF) in iRecruitment. To create the PPF, please follow the instructions available at: http://www.fao.org/employment/irecruitment-access/en

- Once created the PPF, applicants should submit a cover letter setting out how their qualifications and experience match the requirements for the position, a PPF form and an updated CV including two references to: CIO-VA-Consultants@fao.org

- Deadline for submission of your application: **01/12/2015.**

- Applications received after the closing date will not be given consideration. Only short listed candidates will be contacted