United Nations
Climate Change Secretariat

Nations Unies
Secrétariat de Changements Climatiques

TEMPORARY APPOINMENT

INFORMATION TECHNOLOGY SERVICES (ITS) PROGRAMME

ANNOUNCEMENT NO:	**14/TA05/ITS**
PUBLICATION/TRANSMISSION DATE:	**20 February 2014**
DEADLINE FOR APPLICATION:	**06 March 2014**
TITLE AND GRADE:	**Associate Information Systems Officer, P-2 (Software Developer)**
INDICATIVE MONTHLY SALARY:	**USD 3,902 to 4,395 net (without dependents) USD 4,160 to 4,705 (with dependants) plus variable post adjustment, currently 52% of net salary), plus other UN benefits**
DURATION OF APPOINTMENT:	**Nine months, with starting date as soon as possible**
DUTY STATION:	**Bonn, Germany**

Background

The United Nations Framework Convention on Climate Change (UNFCCC) is the focus of the political process to address Climate Change. The Convention secretariat supports the Convention and its Kyoto Protocol by a range of activities, including substantive and organizational support to meetings of the Parties.

The Information Technology Services programme is a central service provider for information and communication technology infrastructure and user support services, as well as for information systems development, maintenance and application support within the UNFCCC.

Expected deliverables:

The position is located in the Information Systems Delivery (ISD) sub-programme in ITS within a team of IT professionals with various programming, business analysis and development back grounds, involved in the realization of the project cycle of a set of programme activities.

Under the general supervision of the Manager, ISD sub-programme, and the direct supervision of the Information Systems Project Officer, the incumbent will be primarily responsible for the support, maintenance and new development of the Compilation and Accounting Database (CAD). In a secondary role the incumbent will be supporting the development and maintenance of the Greenhouse Gas Data Interface (GHGDI). He/she

1. Develops and maintains information systems:
   a. Leads the development and maintenance of the Compilation and Accounting Database (CAD), based on specified user requirements and other technical specifications provided by relevant staff of the Mitigation, Data and Analysis Programme (MDA) of UNFCCC;
   b. Contributes to the updated design of the CAD, including the changes required in the transition from the 1st to the 2nd commitment period under the Kyoto Protocol;
   c. Provides second level technical support for the CAD, according to the ITS operational support processes and procedures, to ensure the stability and availability of services to business users, including resolving technical issues through debugging research and investigation and implementing system changes/upgrades;
   d. Provides technical advice related to required procurements, including conducting needs assessments and benchmarks, preparing technical specifications and evaluation criteria;
   e. Contributes (development, maintenance, support) to other related information systems as needed, in particular the Greenhouse Gas Data Interface (GHGDI).

2. Reviews and analyses information systems for improvement:
   a. Undertakes analysis of functional modules within the CAD system; suggests enhancements and new features to these systems in order to increase their capability to meet secretariat user requirements;
   b. Plans and conducts unit testing on the CAD system to verify that the programs function as expected and to ensure that modifications of the existing system environment have not adversely affected system functionality; Contributes to the development of test plan and test scripts;
   c. Reviews and analyses the log files and other relevant information for CAD to gain detailed understanding of their use in the implementation of business requirements; forwards the results of such analysis to substantive officers in the MDA programme for follow-up and action as needed;
   d. Prepares, updates and maintains CAD documentation, including the relevant technical/procedural manuals.

Essential Requirements
(Only candidates who meet the requirements stated below will be considered.)

Education: First level university degree (Bachelor or equivalent) in Computer Science, Telecommunications or equivalent.

Experience:
- At least three (3) years of progressively responsible experience in the area of planning, designing, developing, implementing and supporting/maintaining computer information systems, specifically on the Java JEE software platform.
- Experience with Java Server Pages (JSP) and Java Standard Tag Library
- Experience with Apache Commons Libraries and/or Open Symphony Workflow is an asset
- Experience working with clients (internal and/or external) to identify their business requirements and produce programming specifications to build applications to client specifications and/or to customize current applications in line with changing business needs and/or to troubleshoot and solve technical issues with software applications

Specific professional knowledge and job related skills:
- Knowledge in developing and maintaining applications based on Java, JEE, Hibernate, Spring and/or Struts Framework. Knowledge of Java Server Pages and/or Java Standard Tag Library.
- Knowledge of databases (SQL Server or Oracle preferred) and of complex database related issues
- Strong working knowledge of SDLC processes and how to operate under structured project management, including the need for various environments, system maintenance, risk avoidance, etc.
- Excellent technical problem-solving skills, including identifying and addressing performance problems, system defects, software/hardware issues, etc.
- Application development, testing and implementation techniques and practices
- Excellent communications skills, ability to communicate with both technical and non-technical staff as well as end users
- Ability to communicate on requirements and compliance with non-technical audience
- Ability to provide 3rd line support for software applications

Language requirements: Fluency in written and spoken English, working knowledge of other UN language is an asset.

To apply

Candidates, whose qualifications and experience match the requirements for this position, should use the on-line application system available at http://unfccc.int/secretariat/employment/recruitment.

Please note:
1. **Qualified women candidates and candidates from developing countries are especially encouraged to apply.**
2. **Service is limited to the UNFCCC secretariat.**
3. **We will confirm receipt of your application. However, only candidates under serious consideration and contacted for an interview will receive notice of the final outcome of the selection process.**