ANNOUNCEMENT FOR TEMPORARY APPOINTMENT

Associate Information Systems Officer, P-2
Information & Communication Technology (ICT) Programme

Deadline for application	Announcement number	Expected date for entry on duty	Duration of appointment	Duty Station
20 August 2019 23:59 CET	19/TA19/ICT	As soon as possible	Six months	Bonn, Germany

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The United Nations Framework Convention on Climate Change (UNFCCC) is the focus of the political process to address Climate Change. The UNFCCC secretariat supports the Convention, its Kyoto Protocol and the historic Paris Agreement by a range of activities, including substantive and organizational support to meetings of the Parties and the implementation of commitments. It is a dynamic organization working in a politically challenging environment to help resolve one of the defining environmental issues of our time.

The Information and Communication Technology Programme (ICT) 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.

The vision of the ICT programme is to provide to UNFCCC responsive, cost-efficient and innovative ICT expertise and secure solutions that enable governments and other stakeholders to create a climate-resilient and low-emissions world for present and future generations.

Where will you be working

Your post is located in the Delivery sub-programme of ICT.

You will have the following responsibilities:

Under the direct supervision of the Lead, Enterprise Application Services, you will support the day to day maintenance and enhancement of the website as part of an agile (scrum) team, as well as supporting migration activities. The key results expected are:

1. With regards to development, maintenance, upgrade or enhancement of the UNFCCC website, you will:
   a. Participate as a member of an agile development team with responsibility for delivery of one or more UNFCCC ICT applications;
   b. Develop additional modules required for integration of the other web-based applications;
   c. Implement usage of Solr search for content search;
   d. Undertake rigorous testing and proving of applications software; assists users in acceptance testing;
   e. Maintain, upgrade or enhance existing web-site; troubleshoot and provide continuing user support, including resolving difficult problems, advising on the use of new techniques, monitoring transactions to measure performance and continued effectiveness of assigned systems;
   f. Reconfigure, resolve bugs and maintain the UNFCCC website while providing technical support to staff, on an infrequent basis, in the administration and configuration of the system;
   g. Ensure compliance with established processes and Enterprise Architecture; seek exemptions and update to standards when applicable or required;

h. Ensure appropriate data security and access controls considering both local and wide area issues;
i. Provide 3rd level support for ICT applications, and maintain support procedures and documentation; Manages application enhancements to improve business performance; Ensure that all requests for 3rd level support are dealt with according to set standards and procedures;
j. Assess and analyse release components whether compliant with ICT release and change management processes, and provide input to release planning;
k. Develop training materials, operating and user manuals; train staff in assigned systems.

2. With regard to development of data analyses, detailed system and other functional specifications, and user documentation for major systems, you will:
a. Provide advice to users, and analyse users' requirements and translating these into new components; suggest/propose systems integration requirements;
b. Assist in the analyses, design and development of mission-critical ICT solutions based upon business requirements and UNFCCC ICT architectural patterns;
c. Research, analyse and evaluate new technologies and make recommendations for their deployment;
d. Participate in writing technical documentation for the systems developed and supported.

3. You will support the migration of the UNFCCC website and other microsites to the UNFCCC hosting capabilities based on Azure, including supporting hand-over of the web site (source code, configuration script and deployment scripts) from the external vendor to UNFCCC ICT.

What are we looking for

Educational background

Required:	First level university degree in computer science, Information Technology, Mathematics, Engineering or related discipline in natural science.

Experience

Required:	• A minimum of three years of work experience in developing, testing and maintaining website in Drupal;A minimum of three years of proven experience designing and implementing relational databases using SQL expertise (Oracle or MySQL or MS SQL Server or Postgres SQL);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; Experience with clientside and REST design patterns;
Highly Desired:	• Experience of working in international organizations.

Language skills

Required:	Fluency in spoken and written English.
Asset:	Knowledge of other UN working languages.

Specific professional knowledge and job related skills.

Required:	Expert knowledge of application development, testing, and implementation techniques and practices in the following:

a. Drupal 8 / PHP is highly desired;
b. Web-based User Interface (UI) development with HTML, JavaScript and CSS required;
c. JavaScript libraries (e.g. react), HTML5 and CSS3 and other website development technologies, including data visualization / infographics is an asset;
d. User experience design techniques highly desired;

Strong working knowledge of SDLC processes, including Agile process such as SCRUM, and how to operate under structured project management, including the need for various environments, system maintenance, and risk identification and avoidance is highly desired;

Knowledge of developing and deploying structured configuration management processes using version control software is required;

Asset: Strong knowledge of writing and executing integration and unit tests for software is an asset;

Knowledge of a recognized IT project management methodology such as PRINCE2 is an asset;

Knowledge of MS Azure App Services (and other PaaS tools) and Devops tooling is an asset;

Knowledge/experience with continuous integration and deployment techniques and tools is an asset.

Job related skills.

- Excellent technical problem-solving skills, including identifying and addressing performance problems, system defects, and software/hardware issues;
- Excellent communications skills, with the ability to communicate with both technical and non-technical staff as well as end users;
- Proven ability to plan, prioritize and deliver tasks on time and to produce quality results while meeting established goals;
- Effective participation in a team-based, information-sharing environment, through collaboration and cooperation with others.
- Be a self-starter, able to manage his/her own time and dependencies effectively to deliver high-quality documents according to the time frames agreed with UNFCCC and escalating issues to the responsible project manager as appropriate.

How to apply:

Candidates, whose qualifications and experience match what we are looking for, 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.
4. Indicative net monthly salary and allowances:
   US$ 3,943.50 to 4,488.75
   (plus variable post adjustment, currently 28.8% of net salary),
   plus other UN benefits as indicated in the link below:
   https://unfccc.int/secretariat/employment/conditions-of-employment.html