

# Software Developer (Python/Plone)

## Position Information

Job Title	: Software Developer
Organisation	: UNDESA
Programme Title	: Africa i-Parliaments Action Plan
Starting Date	: 1 <sup>st</sup> December 2011
Duty station	: Nairobi (Kenya)
Duration	: 3 months (with possibility of extension)
Application Deadline	: 2nd November 2011 - 12.00 p.m.
Type of Contract	: Special Service Agreement

## Organizational Context

### Africa i-Parliament Action Plan

Africa i-Parliament Action Plan supports the modernisation of Parliaments and their transition into transparent, knowledge-based, learning organisations, Africa i-Parliaments Action Plan will require the implementation of an articulated mix of activities that range from the general issue of establishing an enabling and supporting environment; to the critical and strategic ones of building human capacity and developing high quality value-added information and collaboration services for parliaments.

One of the core activities of the Project is the development of “Bungeni - Parliamentary Information System”.

Bungeni consists of various application components - one of these is the Bungeni Portal application which provides the workflows and data management services to create and manage the various parliamentary processes. The other components include a Bungeni Legislative editor which is a java application that extends OpenOffice.org and provides legislative drafting tools.

## Functions – Key Results Expected

Summary of key functions:

- Provide programming assistance and support to Bungeni development
- Documentation of Bungeni components
- Testing

### Provide Programming Assistance and Support to Bungeni Development

The key activities in this area involve :

Plone:

- Customize the CMS functionality provided by Plone;
- Coordinate with other development partners on the delivery and testing of enhanced Plone components and features;
- Develop layouts for various user views within Plone;
- Manage and maintain the content and data on the project's websites;
- Ensure uptime and disaster recovery measures, periodic backups of the project websites;
- Create page layouts for different content types and user views provided by plone and the portal;
- Collaborate with CSS stylists / graphics designers to convert these layouts in to usable plone / portal skins.

### Documentation of Bungeni Components

The key activities in this area involve:

- Developer documentation of Bungeni components

- User documentation of Bungeni components

## **Testing**

The key activities in this area include:

- Identify use cases for conducting user tests of the system
- Log defects and issues into helpdesk system
- Fixing bugs where necessary

## **Impact of Results**

The results of the key activities will have an impact on better support to the core project activities. Additionally it will also impact the overall improvement of the Bungeni system in terms of better extended functionality and more cohesive components.

## **Recruitment Qualifications**

<i>Education:</i>	<i>Bachelors degree in computer science or related disciplines</i>
<i>Experience:</i>	<p><i>2-5 years of experience - in any of the following skills is desirable</i></p> <ul style="list-style-type: none"> <li>▪ <i>Proficiency in Python, Zope, HTML/CSS and templating languages (TAL, TALES and METAL);</i></li> <li>▪ <i>Familiarity with the Plone CMS (content management system)</i></li> <li>▪ <i>Minimum of 2 years experience in web development related environment working with python and python related web frameworks.</i></li> <li>▪ <i>knowledge of Javascript, CSS, Ajax technologies/libraries</i></li> <li>▪ </li> </ul>
<i>Language Requirements:</i>	<i>Fluency in English.</i>

Interested candidates who meet the above qualifications may send their applications to email address [mail@parliaments.info](mailto:mail@parliaments.info) before 12.00 p.m of 2nd November 2011. Applications should include a cover note and an updated curriculum vitae.