



# Internal/External Vacancy Announcement

**Vacancy No:** VA/FPA/SOM/08-01/2017  
**Post Title:** GIS Assistant  
**Grade/Level:** G-3  
**Type of Contract:** Individual Consultant  
**Duty Station:** Nairobi  
**Duration:** 4 Months  
**Date of Issue:** 18/8/2017  
**Closing Date:** 25/8/2017  
**Organizational Unit:** UNFPA Somalia Country Office

The United Nations Population Fund is an international development agency that promotes the right of every woman, man and child to enjoy a life of health and equal opportunity. UNFPA supports countries in using population data for policies and programmes to reduce poverty and to ensure that every pregnancy is wanted, every birth is safe, every young person is free of HIV/AIDS, and every girl and woman is treated with dignity and respect.

## **Organizational Location**

This position is based in Nairobi. The candidate will work under the overall guidance of the Population and Development Program Manager and direct supervision of the GIS Analyst.

## **Job Purpose:**

The Population Estimation Survey (PESS) of 2014 provided credible demographic and socio-economic data. The success and usefulness of PESS has been acknowledged by all relevant stakeholders, who are currently using the data for planning purposes. However, there is an urgent need to fill in the remaining data gaps on health and demographic issues, for better planning, policy formulation and informed decision-making. In this regard, a health and demographic survey is scheduled to take place in 2017.

Prior to the survey, a complete and up-to-date sampling frame is required in order to draw up a representative sample. For the purposes of the Somali Health and Demographic Survey (SHDS), a desk update of the frame will be carried out through the digitization of structures and Enumeration Areas (EAs) using high resolution satellite imagery. The listing of the households will be undertaken within the primary sampling units (or EAs) that will be sampled for purposes of implementing SHDS. The GIS Assistant will carry out the digitization of structures and enumeration areas for the update of the Somali sampling frame to be used in the Somali Health and Demographic Survey.

## **Duties and Responsibilities:**

- Digitize structures and EAs in rural areas in order to update the sampling frame.
- Conduct verification and data cleaning on EAs and digitized structures.
- Generate attribute data and metadata for digitized features.
- Carry out geo-processing techniques.
- Carry out data conversion of digitized files to other GIS supported formats.



- Support any training and supervision of the desk update of the sampling frame including geodatabase creation, geo-referencing, spatial and attribute data creation, GPS data collection and mapping, and satellite image interpretation.
- Construct and edit EA maps as requested
- Scan and geo-reference geospatial data
- Support any other activities as required by section head and recommend appropriate reactionary strategies in response to GIS analysis.

### **Work relations:**

The candidate will work under the overall guidance of the Population and Development Program Manager and direct supervision of the GIS Analyst. The GIS Assistant will work within the Population and Development section and report to the GIS Analyst. Internal contacts include the head of Population and Development Unit as well as other team members within Population and Development.

### **Job Requirements**

#### **Education:**

- Bachelor's degree or equivalent in Geospatial related discipline.

#### **Knowledge and Experience:**

- A minimum of one year working experience in the geospatial field. However, applicants with a combination of exemplary skills, knowledge and experience will be considered.
- Experience in utilization of high and medium resolution satellite imagery for the purposes of feature extraction and digitization is required.
- Working knowledge of ArcGIS, Quantum GIS and Remote Sensing software.
- Experience in field mapping and sampling frame techniques including creation of enumeration area maps will be an added advantage.

#### **Values:**

- Exemplifying integrity
- Demonstrating commitment to UNFPA and the UN system
- Embracing cultural diversity
- Embracing change

#### **Core Competencies:**

- Achieving results
- Being accountable
- Developing and applying professional expertise/ business acumen
- Thinking analytically and strategically
- Working in teams/ managing ourselves and our relationships
- Communicating for impact

#### **Languages:**

- Fluency in oral and written English is a must.
- Communication in Somali is an asset



Applications with an updated CV and a completed & signed **UN Personal History Form (P-11)** marked: **“VA/FPA/SOM/08-01/2017: GIS Assistant, G-3: Nairobi”** in the subject line of the e-mail should be forwarded to the following email address: [somalia.recruit@unfpa.org](mailto:somalia.recruit@unfpa.org)

***UNFPA will only be able to respond to those applications in which there is further interest.***

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#### UNFPA Work Environment

UNFPA provides a work environment that reflects the values of gender equality, teamwork, Embracing diversity in all its forms, integrity and a healthy balance of work and life. We are committed to maintaining our balanced gender distribution and therefore encourage women to apply. UNFPA promotes equal opportunities for all including persons with disabilities.

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#### Disclaimer

**WARNING TO APPLICANTS:** UNFPA does not charge any application, processing, training, interviewing, testing or other fee in connection with the application or recruitment process. Should you have received a solicitation for the payment of a fee, please disregard it. Furthermore, please note that emblems, logos, names and addresses are easily copied and reproduced. Therefore, you are advised to apply particular care when submitting personal information on the web. Should you feel that you have received a fraudulent notice, letter or offer that makes use of the name or logo of UNFPA, you may submit a report through the UNFPA fraud hotline <http://www.unfpa.org/help/hotline.cfm>