**JOB DESCRIPTION**

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| **JD Unique ID:** |  |
| **Job Title:** | **GIS Officer** |
| **Company:** | Self Help Africa / United Purpose [delete as appropriate] |
| **Location:** | Dhaka, Bangladesh |
| **Contract type:** | Fixed Term Full Time |
| **Hours:** | 8 hours |
| **Reports to:** | **Project Director-LEAN (Jannat Noor)** |
| **Salary:** | 53284 BDT per month |
| **Organisation overview:** | **About Self Help Africa & United Purpose** In late 2021 Self Help Africa (SHA) and United Purpose (UP) merged. The two organisations – one headquartered in Ireland and the other in Wales – implement projects to end extreme hunger and poverty.This merger doubled our size and reach – and means that in 2022 we are implementing poverty eradication projects in 17 countries, mainly in sub-Saharan Africa. Collectively, we are also part of a group that includes social enterprise subsidiaries Partner Africa, TruTrade and Cumo Microfinance. In 2022 our work will reach more than six million people and invest upwards of €45m in more than 100 development programmes designed to improve food systems, facilitate access to markets and financial services, combat climate change, gender inequality, and improve access to clean water, sanitation and hygiene. This is an exciting time to join us as we unite two like-minded and entrepreneurial organisations seeking to tackle the global challenges in progressive and innovative ways. |
| **Job Purpose:** | The purpose of the role will be to develop Geo- database and analyse Geo-spatial mapping with different features for better decision making.  |
| **Key Responsibilities:** | **Geo database development of different LEAN geo information*** Assess need and data requirement
* Design database
* Data collection and acquisition
* Field level GPS data collection
* Geo spatial database development
* Data digitization

**Prepare Geo spatial map and develop model*** Prepare GIS map and model as per project requirement.

**Online mapping with KML and Open server****Data mining** * Data cleaning
* Integration
* Data reduction
* Data integration
* Data transformation
* Data mining
* Pattern evaluation
* Knowledge representation

**Data analysis** * Quantitative data analysis using SPPS/STATA or any other software
* Qualitative data analysis using NVivo/ R or any other qualitative software

**Other**Perform other activities as required |
| **Knowledge, Experience and Other Requirements** | **Skills, Knowledge & Capacities :** * Have working experience on ArcGIS, ERDAS Imagine, Google Earth, QGIS, Web GIS
* Having extensive experience in remote sensing
* Strong analytical and report-writing skills
* Ability to work effectively with people from diverse backgrounds
* Ability to work independently and in a team
* Excellent public speaking and facilitation skills
* Ability to work a flexible work schedule
* Willingness to travel to, and work in, remote areas for extended periods of time
* Highly motivated, self-starter, ability to work under pressure with minimum supervision
* Supportive and committed to work for vulnerable groups, values-oriented and gender sensitive

**Educational Qualification:** A Graduate/Master’s degree on GIS or Geography, URP, Environmental Sciences/ Statistics/ Computer Science, or any relevant subject from a reputed University. **Work Experience:**At least 3 years’ working experience in the same or equivalent position in the field of social development within national or international organization. |

*All candidates offered a job with Self Help Africa/United Purpose will be expected to sign our Safeguarding Policies and Code of Conduct as an appendix to their contract of employment and agree to conduct themselves in accordance with the provisions of these documents. Specific roles may require Police/DBS/ [relevant police authority] vetting.*

**Self Help Africa/United Purpose strive to be an equal opportunities employer.**