

Job Title: Database Systems Design Assistant

The Food Economy Group (FEG) has been on the leading edge of livelihoods-based food security information systems, policy analysis and complex-process facilitation services for over a decade, contributing to the efforts of a broad range of decision makers in the humanitarian and development community.

Its work in countries throughout Africa, Asia and Latin America has consistently focused on linking decision makers to the realities of poor people. FEG continues to find new ways to translate complex livelihoods into comprehensible outputs so that the needs of those most in need are understood and prioritized. As part of this endeavor it has developed a number of excel-based tools, each targeted at a different set of analysis challenges. Examples of these tools include:

- The Livelihood Baseline Storage Spreadsheets (LBSS) – an excel-based data storage facility with built-in cross-checks that provides an organized and streamlined way to store HEA baseline information collected from field interviews
- The Livelihoods Impact Analysis Sheets (LIAS) – an excel-based tool that allows analysts to run different hazard scenarios (real or hypothetical) and to see the impact on households' ability to meet their minimum livelihood requirements.
- SMART – collates regional LIAS outputs and to map these using ArcView
- Analysis of Herd Dynamics (AHEaD) – allows analysts to see changes in herd dynamics – a critical input for the LIAS in pastoral areas – with the input of satellite-based rainfall variables
- Graduation Prediction System (GPS) – designed to help estimate the number of people who should be able to graduation from the Productive Safety Nets Programme (Ethiopia's National Social Protection system) in different livelihood zones given different types of social protection inputs and different year types.

The demand for using these tools has grown quickly in recent years and there is now a need to make them more accessible to a wider audience. FEG is seeking a qualified candidate to help support ongoing efforts to develop appropriate livelihoods analysis and data storage tools. The candidate should have a proven track record in the following areas:

- expertise in database design and development with excellent knowledge of excel
- ability to convert excel applications into database tools
- experience in identifying inefficiencies in existing tools and offering appropriate technology solutions
- Creation of user-friendly desktop applications
- General interest in humanitarian/aid/development work is a plus

Interested Candidates should submit a resume and cover letter to the following persons by no later than December 1, 2011 to info@feg-consulting.com, referencing the position title in the email subject line.