

Position: Two (2) GIS Specialists
Status: Contract of Service
Remuneration: 66,960.00 / month

I. DUTIES AND RESPONSIBILITIES

1. Participate in the planning and development of the Aquaculture Farm Registration (AquaR) Portal in BFAR's Fisheries Geographic Information System;
2. Meet with users to define data needs, project requirements, and required outputs, or to develop applications;
3. Design and update database, applying additional knowledge of spatial feature representations;
4. Analyze spatial data for geographic statistics to incorporate into documents and reports;
5. Organize and integrate spatial and production data collected from project staff and fieldwork, and determine the optimal method for visualizing the information using ArcGIS software;
6. Collect, consolidate, and process spatial data and satellite images for the mapping of the Aquaculture Production Zone (APZ) in connection with the identified conservation and protection areas using ArcGIS Software, remote sensing, and other spatial tools;
7. Provide support for the roll-out of the Aquafarm Registration Tool (AquaR) System;
8. Assist in the integration of AquaR information to the BFAR F-GIS;
9. Populate an in-depth map catalog for aquaculture farms and facilities generated specifically for documentary purposes.
10. Generate map representations utilizing the ArcGIS software following the requirements provided by the management; and
11. Other duties that may be deemed necessary by the Management.

II. REQUIRED EDUCATION AND QUALIFICATION

A. Education & Relevant Experience

1. Bachelor's degree in geography, natural resources, geodetic engineering, computer science, computer engineering or related field. A BS degree or formal education in GIS is preferred. Equivalent combination of education and experience or extensive professional experience as an advanced GIS user will also be considered;
2. CSC eligibility is an advantage;
3. Minimum five (5) years of relevant work experience in GIS mapping and remote sensing, geospatial mapping and analysis, and/or coastal resource survey and mapping;
4. Must have a high degree of computer literacy; strong proficiency in MS Windows, moderate to strong proficiency in MS PowerPoint is preferable;

5. Must be familiar with databases for storing data, running queries, and creating reports;
6. Experience in developing web-based GIS maps on the internet;
7. Exceptional written and verbal communication, presentation, and interpersonal skills;
8. Superior initiative and the ability to work independently as well as in a team environment;
9. Ability to explain complex concepts and tasks in understandable terms;
10. Ability to develop productive relationships with customers, colleagues, and management; and
11. Experience working with governments and in foreign-funded projects, preferably on developmental projects is an advantage.

B. Knowledge, Competencies & Skills

1. Knowledge of advanced mapping and cartographic concepts, mapping symbols, and standards, GIS concepts, mathematical concepts, research methods, database design principles, and basic graphic arts principles;
2. Knowledge of today's GIS standards and applications used in local and national agencies;
3. Demonstrate mastery in advanced geo-mapping systems and tools in complex programs, as well as using management information systems;
4. Maintain proficiency in the use of ESRI ArcGIS skills;
5. Ability to prioritize and organize, work well under pressure, and meet deadlines;
6. Ability to be flexible and adapt to constant change;
7. Ability to perform fieldwork and travel when required;
8. Strong interpersonal skills to assist and communicate with staff;
9. Excellent communication and writing skills (oral and written) in English, including the ability to write technical reports;