

**Development of Upazila Land Suitability Assessment and Crop
Zoning System of Bangladesh Project (Phase-II)**
Bangladesh Agricultural Research Council (BARC)
Farmgate, Dhaka-1215

Date: 30 May, 2023

Applications are invited from the citizens of Bangladesh for the following positions under the project “Development of Upazila Land Suitability Assessment and Crop Zoning System of Bangladesh (2nd phase)” of BARC, Dhaka. Interested candidates are requested to submit their application with recent CV along with supporting documents and two copies passport size photograph to the undersigned on or before 22 June, 2023 by 3:30 pm in a sealed envelope. One soft copy of application should be submitted to the e-mail h.rahman@barc.gov.bd. Duration of service contract with the successful applicants will be for the period as mentioned against the position in the following table or upto the project period whichever is earlier. The contract will be renewed every year on satisfactory annual performance of the incumbent.

Only short listed candidates will be invited for the interview. Persons who are in service should submit application through proper channel. Original certificates should be shown during the time of interview.

Name of position, qualification & experience, duration, and scope of work/duties and responsibilities of the positions are given below;

Sl. No.	Name of Position	Qualification and Experience	Scope of Services/Duties and Responsibilities
1.	Crop Expert Position: 01 Duration: 18 months	<p>a. Academic:</p> <ul style="list-style-type: none"> - Minimum Master Degree in any discipline of Agricultural Science (Crop science) <p>b. Experience:</p> <ul style="list-style-type: none"> - Minimum 15 years work experience in agricultural research in any government/ autonomous bodies/ private organizations - Preference will be given to the candidates having practical work experience in crop production and adaptation; crop management practices including crop validation, monitoring and crop zone related experience - High level proficiency in written and spoken English and report writing; - Efficient in operating MS Word, Excel, Power Point, email/ internet etc. is essential. 	<ul style="list-style-type: none"> - The Expert shall be responsible for compilation of crop/cropping system information; - Work in close cooperation with Soil Expert and other relevant experts/professionals to organize expert consultation in adjusting suitability rating for different crops and socio-economic criteria for evaluation of crop/cropping patterns; - Maintain liaison with NARS institutes and DAE for gathering of information relevant to land suitability and crop zoning; - Shall be responsible for validation of crop suitability and zoning output at field level; - Work in close cooperation with other experts in devising suitability rating for potential expansion of stress tolerant varieties of different crops; - Identify the Climate Change impact on crop production, yield loss, shifting growing season, water availability and quality etc. and assess future crop suitability for 2050s; - Prepare and execute training plan for the field level extension officials on crop zoning/ mobile apps; - Work under active guidance/advice of Project Coordinator/Project Manager; - Any other tasks assigned by the project authority.



Sl. No.	Name of Position	Qualification and Experience	Scope of Services / Duties and Responsibilities
2.	GIS Analyst Position: 01 Duration: 18 man months	<p>a. Academic:</p> <ul style="list-style-type: none"> - Bachelor Degree in Computer Sciences/ Engineering/Agriculture /Geography or related field with advanced training in GIS <p>b. Experience:</p> <ul style="list-style-type: none"> - Minimum 5 (five) years' work experience in GIS including software packages ArcGIS 10, QGIS, etc. and familiarity with spatial databases; - Good understanding of GIS methods and techniques and its application for natural resource management is essential; - Skill and experience with the spatial datasets developed and cataloged; - Demonstrated ability to work with public and private sector is desired; - High level of proficiency in written and spoken English and report writing; - Efficient in operating MS Word, Excel, Power Point, email/internet etc. is essential. 	<ul style="list-style-type: none"> - Obtaining and managing necessary GIS resources; - Performing geospatial task for creating information products from the GIS and related software and subsystems; - Designing and implementing training schedule/plans on GIS software and database creation and use, impart on-job skill development training to ICT professional of BARC; - Work for testing, documenting, and certifying applications, programmes and systems functionality; - Coordinating in-house GIS activities with programmers; - Providing support for GIS data conversion, systems integration and system's and application's development and implementation; - Work under active guidance/advice of Project Coordinator/ Manager; - Any other tasks assigned by the project authority.

Jalau
30.05.2023

Member Director (Crops) &
Coordinator, Crop Zoning Project
BARC, Farmgate, Dhaka-1215
E-mail: md.crops@barc.gov.bd