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Maternal and Child
Survival Program

VACANCY

MCSP Short-Term Consultancy

Position : Net Full Stack Consultant
Reports To : Data Management and Digital Health Officer
Estimated Start Date : October 15, 2017
Estimated End Date : January 15, 2018
Position posted : 13 September 2017
Consultancy Type : Local

Software Developer Consultant Services

- Develop user-friendly web pages according to the identified use cases of the project using current web technologies (ASP.Net, C#, Bootstrap, HTML and JavaScript).
- Develop frontend and backend data validation scripts to validate user input before submission to the database using JavaScript and C# code.
- Develop user friendly and graphical and downloadable reports accessible through the web application.
- Model the information systems database to 3NF with data validation constraints and business logic taken into high consideration during the implementation.
- Implement database validation using constraints, triggers and user-defined functions in the database management system.
- Write computer C# codes to input and retrieve data to the database and display it to the end user using asp.net and html controls using ADO.Net and EF.
- Write database procedures using T-SQL to support data input and retrieval to and from the database.
- Regularly meet with end-users of the system to update them on the progress made and collect feedback to better make the system user friendly.
- Regularly update supervisor on the progress and challenges encounter in the process and implement feedback and suggestions received from supervisor.
- Thoroughly test all use cases of the system to track bugs before application deployment in institutions.
- Work with MER team to implement system performance and usability report that are reported to donors.
- Work with I.T teams to successfully deploy the system and handover system maintenance SOPs to MER and I.T team.
- Work with counterpart NGOs and MOH to produce customized require reports to be integrated in the system.

Consultant Deliverables:

- Deliver a functional, reliable and scalable Health School Information System with all source codes for the Application and the underlying database.
- Successfully deploy a customized web application at PSE institution(s) and train users on how to use various modules of the system.
- Deliver a simple and comprehensive instructional manual that will serve as a documented guideline to aid users on how to operate the system at various PSE Institutions.
- Deliver the database design and software design document at the end of the project.

Time Frame:

- The services of this consultant will be needed for an estimated duration of 3 months on a part time basis.
- The consultant will give a weekly progress report to show case the project progress and implementation stage.

Academic Qualification

- Must have a Bachelor degree in Computer Science
- Must have a Microsoft Certificate: MCP or MCSA
- Must have a certificate or Diploma in Software Engineering
- Must have a technical expertise in setting up a Local Area Network, Cisco Certificate is a plus.

Web Technology Skills:

- Must be familiar with relational database modelling Normal Forms.
- Must be familiar with Object Oriented programming and MVC Design pattern.
- Good expertise in developing web application using C#.Net and Razor Engine, Asp.net Core, HTML, Bootstrap CSS and JavaScript.
- Must have a good troubleshooting and documentation skills.

Work Experience

- Must have a minimum of 3 years experienced in designing and implementing .Net web applications and modelling databases.
- Must have perform similar consultancy role in governmental and non-government entities.
- Must have a very good listening and communication skills.
- Must be skilled in transforming end user explanation to a friendly system design.

Note:

- Only competent individuals are encouraged to apply as recruitment process will involve an in-depth oral and practical evaluation to test the skills necessary to perform the above duties.

Liberian nationals are strongly encouraged to apply

Interested applicants should send their electronic Applications and CVs to:

liberiahumanresources@gmail.com including three professional referees, email addresses and telephone numbers. **Deadline is 12 midnight local time, Wednesday, September 20, 2017.** Only short-listed candidates will be contacted. Jhpiego is an equal opportunity/Affirmative Action employer and does not discriminate in its selection and employment practices. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, political affiliation, sexual orientation, gender identity, marital status, disability, protected veteran status, genetic information, age, or other legally protected characteristics. Female candidates are strongly encourages to apply. Failure to follow the instructions of applying, your application would be denied. *For further information about Jhpiego, visit our website at www.jhpiego.org.*