Terms of Reference
Senior Consultant-Web Developer (RBSK) (Short Term)

National Health Systems Resource Centre (NHSRC), New Delhi on behalf of Ministry of Health & Family Welfare (MoH&FW) is seeking applications from qualified candidates for the above mentioned post purely on short term consultancy basis.

Job Description
The Developer shall have excellent knowledge and sound experience in developing web based applications on Microsoft .net platform. S/he shall work primarily on developing and maintaining the Rashtriya Bal Swasthaya Karyakram software. The expected role is to bridge the gap between the RBSK application of the MHT, the DEIC and the ASHA level screening along with the comprehensive newborn screening software graphical design and technical implementation, taking an active role on both sides and defining how the final RBSK software looks as well as how it works especially the ease of working/ reporting by the State level. The developer team and the ePMU team must work in a unified manner to support RBSK.

Responsibilities
- Under the overall supervision of Commissioner MCH/ Dy Commissioner (CH+AH), MoHFW, the incumbent is to work mainly to strengthen the RBSK software in entirety including the MHT, DEIC reporting software and the ASHA report for 70% time
- Also to work to develop Comprehensive NewBorn Screening Online MIS in the remaining 30% time.
- Maintain the Web Application
- Technical support of State /block/ MHT level User/stakeholders
- Periodic review of the functionality of software and work for functional upgradation required.

Task and Function
- Maintain codes of the RBSK application of MHT
- Regular Debugging and solving issues raised by the States
- Ensure smooth running of servers
- Ensure security of the data and codes as it is Ministry property
- Support capacity building of the State level officials for smooth transition to online reporting
- Assure that all user input is validated before submitting to back-end
- Optimize application for maximum speed and scalability
- Deployment of the newer web application at the data centre VM
- Build reusable code and libraries for future use
- Collaborate with other team members and stakeholders

Eligibility:
Essential Qualifications: B.E/B. Tech/ MCA /MSc(IT).
Post Qualification Experience: Minimum 7+ Years' of demonstrative project handing and leading

Specific skill set requirement
- Excellent knowledge of C#, MVC, Entity Framework and .NET Framework 4.5
- Proficient understanding of web markup, including HTML5, CSS3
- Proficient understanding of server-side CSS pre-processing platforms, such as LESS and SASS
- Proficient understanding of client-side scripting and JavaScript frameworks, including jQuery
- Good understanding and knowledge of advanced JavaScript libraries and frameworks
- Good understanding of asynchronous request handling, partial page updates, and AJAX
- Proficient understanding of cross-browser compatibility issues and ways to work around them.
- Proficient understanding of code versioning tools, such as {{Git / Mercurial / SVN / Others}}
- Experience of deployment of web application
- Experience in development of application for deployment in data centre VM
- Hands on experience with SQL Knowledge of SQL Server 2016
- Code back-end stored procedures, functions, triggers on the application database

Key outcome indicators

- Stabilised RBSK software, which includes Applications for MHT, DEIC, ASHA and new born screening
- Easy and regular inputs from States and collation at the back end
- After RBSK software is stable and fully functional, the facility based Comprehensive New Born Screening Application to be worked upon to include visible, functional, neurological and metabolic screening with the required details of newborn.
- Develop within the database, the identification, referral and management continuum of RBSK beneficiaries from MHT, DEICs, ASHAs and early identification and management of children under newborn screening
- Develop Monitoring and analytic reports - static user dashboard and dynamic user query based reports for the above.
- Revision and addition of better features to improve functionality and feature in the application as per requirement.
- Development of training material for the capacity building
- Timely and regular training of officials and health service provider in the use of the online Application components
- Handholding and guidance of the user in the States to ensure effective reporting
- Compatibility, ease of use and responsive in devices like mobile phone devices once the system is stable

Age Limit: Upper Limit 50 years as on last date for receiving application and having sound health to undertake field visits

Remuneration Range: Between Rs.90,000/- to Rs.1,50,000/- per month (Consolidated)
*Fee offered within the band will be commensurate to qualification and experience

Reporting officer: Deputy Commissioner (CH+AH) and Commissioner MCH, MoHFW.

Contract Tenure: Three months and extendable for next three months, subject to conditions.

How to Apply:
Candidates are requested to download the application form attached with the TOR, which is uploaded on the NHSRC website and email the duly filled application form to mohfw.shortterm@gmail.com only by **17-Jun-2020**. Application submitted in other format will not be accepted. Please ensure to mention post applied for on the application form, without which the application form will not be accepted.