Terms of Reference
Consultant-Database 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 Database developer shall have the required formal training and experience in designing stable and reliable databases according to application requirement for Rashtriya Bal Swasthaya Karyakram software. S/he will be responsible for developing, testing, improving and maintaining new and existing databases to help users retrieve data effectively. S/he will work closely with web developers to ensure system consistency. S/he will also collaborate with client to provide reports based on client requirements. 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 develop and support RBSK software including the ones for MHT, DEIC, ASHAs for 70% of the time
- Work to support comprehensive newborn screening MIS (online) for 30% time
- To provide data management support to users by designing stable, reliable and effective database.
- Ensure all database programs meet company and performance requirements.

Task and Function
- Code back-end stored procedures, functions, triggers on the application database
- Code database-level scheduled jobs
- Optimize and maintain legacy systems
- Establish best practices
- Improve application performance through query
- Optimize the performance of reports
- Solve database usage issues and malfunctions
- Modify databases according to requests and perform tests
- Liaise with developers

Eligibility:
Essential Qualifications: B.E./B.Tech./ MCA.
Post Qualification Experience: Minimum 5+ Years' of demonstrated experience of database developing and handing with in-depth understanding of data management (e.g. permissions, recovery, security and monitoring).

Specific skill set requirement
- An ability to understand front-end users requirements and a problem-solving attitude
- Proven work experience as a Database developer in SQL Server 2008 R2 and above
- Knowledge of SQL Server 2016 with hands on experience with SQL
- Good knowledge of C# and .NET Framework 4.5
- Knowledge of software development and user interface web applications
- Familiarity working with .Net Framework, JavaScript, HTML and Ms SQL
- Excellent analytical and organization skills
- Good understanding and knowledge of advanced JavaScript libraries and frameworks

Key outcome indicators
- Develop data base support to store and retrieve data of the RBSK software which will include that for MHT, DEIC, ASHA and facility based Comprehensive New Born Screening Application of visible, functional, neurological and metabolic defect at birth screening.
- Develop the data base support for identification, referral and management continuum of RBSK beneficiaries from MHT, DEICs, ASHAs and under newborn screening
- Develop real time Monitoring and analytic reports - static user dashboard and dynamic user query based reports.
- Deployment of the new features in the RBSK software including the MHT, DEIC , ASHA reporting software including that for comprehensive new born screening (for Visible, Functional, Neurological and Metabolic Defect at Birth)

Age Limit: Upper Limit 45 years as on last date for receiving application and having sound health to undertake field visits

Remuneration Range: Between Rs.60,000/- to Rs.1,20,000/- 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.