

# REFORM SUPPORT UNIT

## SCHOOL EDUCATION& LITERACY DEPARTMENT

### OPPORTUNITY FOR CONSULTANCY SERVICES

Reform Support Unit, School Education & Literacy Department in collaboration with UNICEF-Sindh, invites applications from qualified & eligible professionals domiciled in Sindh for the following Individual Consultancy under the Technical Assistance (UNICEF Funded Project), Positions are purely on a contractual basis and located at Karachi.

S. No	Consultant Position Termed As	Duration	Qualification	Experience
1	<b>Full Stack Education Systems Developer</b>  (One Position Purely on Temporary Consultant)	06 Months Contract basis (extendable on the basis performance and availability of budget)	Bachelor's in computer science, Software Engineering, Preference Given to Master's in a relevant field.	<ul style="list-style-type: none"><li>• Minimum 5–7 years of proven experience in full stack development for government or large-scale data systems.</li><li>• Preferred development experience such as PHP framework, Python, Micro Services Framework Laravel MVC framework, Laravel Lumen framework, React-native.</li><li>• Proficiency in Python, .NET Core, JavaScript frameworks (Angular/React), REST APIs, and mobile app development (Flutter/React Native preferred).</li><li>• Strong database experience in MySQL, SQL Server, data warehousing, and query optimization.</li><li>• Experience in developing dashboards and reporting systems for education KPIs is highly preferred.</li><li>• Knowledge of education sector MIS, ASC workflows, and EMIS architecture is an added advantage.</li><li>• Knowledge about AI for future transformation of data System.</li></ul>
2	<b>Mobile App &amp; GIS Solutions Developer (Education Systems)</b>  (One Position Purely on Temporary Consultant)	06 Months Contract basis (extendable on the basis performance and availability of budget)	Bachelor's in computer science, Software Preference Given to Geoinformatics or related technical field	<ul style="list-style-type: none"><li>• At least 3–5 years of experience in mobile application development, especially in offline-first architectures (Flutter).</li><li>• Proficiency in integrating GIS and map-based services into mobile or web platforms.</li><li>• Experience with the education sector MIS or development sector data collection tools is desirable.</li><li>• Familiarity with Android/iOS app deployment, Firebase, and push notification services.</li><li>• Strong debugging, documentation, and user-support skills.</li><li>• Knowledge about AI for future transformation of data System.</li></ul>

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S. No	Consultant Position Termed As	Duration	Qualification	Experience
3	<b>Communication Officer</b>  (One Position Purely on Temporary Consultant)	06 Months Contract basis (extendable on the basis performance and availability of budget)	Master's preference in communications, public relations,	<ul style="list-style-type: none"><li>• At least 4 years' relevant work experience in the planning and implementation of initiatives related to communication with UN system agencies/international organizations/ national NGO/ media house.</li><li>• High-quality writing skills, and sound verbal communication skills</li><li>• Proficiency in digital media communication, using relevant software and tools such as Microsoft Office, Adobe Creative Suite, and content management systems (CMS systems/ platforms)</li><li>• Ability to organize high-level events and communicate effectively with various stakeholders and the public.</li><li>• Knowledge in visual design abilities such as graphic design, picture, and video editing.</li></ul>

**Important Note:**

- Interested candidates should send their updated resume along with all the relevant academic and professional documents before 17-06-2025 to the given postal and/or email address.
- Preference given to female candidate.
- In case Resumes are sent through email, candidates should email academic and professional documents through a scan PDF version.
- Only Shortlisted Candidate will be called for Test and Interview.
- Reform Support Unit, School Education & Literacy Department reserves the right to cancel any of the positions at any stage without assigning any reason.

**Reform Support Unit**

SESP&R/ MYWP 2025-27

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### Detailed Terms & Conditions as under.

Position :	<b>Temporary Consultant Full Stack Education Systems Developer</b>
<ul style="list-style-type: none"><li>• Lead the development, maintenance, and optimization of web and mobile applications supporting SAMRS, CPD Portal, IMSESP, SEMIS, iEMIS, Flood Dashboard, ASC and other data systems and dashboards.</li><li>• Design, build, and manage backend services and APIs using .NET Core/Python /PHP and ensure seamless integration with frontend systems and databases (MySQL, SQL Server, PostgreSQL).</li><li>• Develop responsive user interfaces using modern frameworks such as React, or Vue.js, adhering to accessibility and localization standards.</li><li>• Collaborate with MIS, M&amp;E, and education planning teams to understand data needs and translate them into system features and dashboards.</li><li>• Implement role-based authentication, data validation rules, and security measures across applications aligned with ISO/SOC standards.</li><li>• Lead DevOps activities including CI/CD pipeline setup, containerization (Docker/Kubernetes), and cloud deployment.</li><li>• Ensure code quality, documentation, and version control via Git-based repositories and conduct peer code reviews.</li><li>• Provide technical training and support to junior developers or RSU MIS/IT staff to build local capacity for system maintenance and functionality.</li><li>• Integrate APIs with central education databases, dashboards, and web portals.</li><li>• Perform rigorous testing (unit, integration, UAT), bug fixing, and version releases for mobile applications.</li></ul>	
Position :	<b>Temporary Consultant Mobile App &amp; GIS Solutions Developer (Education Systems)</b>
<ul style="list-style-type: none"><li>• Design and maintain mobile-first applications developed using Flutter for SEMIS field data collection, including offline support, sync mechanisms, and dynamic form generation.</li><li>• Develop and integrate geospatial features into SEMIS and ASC apps using GIS platforms such as Leaflet, Mapbox, or ESRI.</li><li>• Developed &amp; Upgrade SAMRS, IMSESP&amp;R</li><li>• Configure real-time location tracking, school mapping, and geofencing features to support monitoring and decision-making.</li><li>• Work with field teams to gather user feedback and translate requirements into intuitive mobile interfaces and workflows.</li><li>• Optimize performance and storage for large-scale data collection in low-connectivity areas.</li><li>• Integrate APIs with central education databases, dashboards, and web portals.</li></ul>	

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- Perform rigorous testing (unit, integration, UAT), bug fixing, and version releases for mobile applications.
- Support training, troubleshooting, and deployment of mobile apps across districts and provide continuous tech support during census cycles or campaigns.

Position :	<b>Temporary Consultant Communication Officer</b>
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- Develop content & design of IEC/BCC materials (banners, posters, standees, backdrops and other related) for UNICEF assisted events.
- Develop scripts for audio/video messages, public services messages, social media, content of SELD/RSU websites, and support recording/uploading/ dissemination.
- Draft press release, media coverage report, PPTs, speeches for SELD officials, scripts of Master of Ceremony and other related
- Collect and finalize (03) Human Interest Stories related to UNICEF assisted interventions from the field.
- Develop high-quality Quarterly Newsletters/ other UNICEF assisted publications (including support for arrangement of translation in Urdu/Sindhi language and obtaining approvals)
- Support development and implementation of visibility plan of UNICEF funded interventions and in designing and implementation of SBC initiatives related to OOSC as per the needs of UNICEF's MYWP.
- Jointly with UNICEF, develop behavioral change communication plans for social mobilization of communities and School Management Committees (SMCs) in UNICEF assisted interventions related to Multi-Sector RoadMap for OOSC/A and for the SMCs in GPE assisted Districts.
- Maintain and share pictures/videos archive related to UNICEF assisted interventions under specific themes/interventions as agreed with RSU/UNICEF
- Produce high-quality minutes/reports related to UNICEF assisted meetings/ events.
- Develop supply distribution plan for IEC/BCC materials, and develop TORs for Communication Consultants/Firms
- Ensure UNICEF's Brand Book Guidelines are used, and protocols are observed wherever applicable.