

Application development for MRE **SCOPE OF WORK (SOW)**

OVERVIEW

Together with the provincial Departments of Education and Training (DOETs) and Teacher Training Colleges (TTCs), Catholic Relief Services (CRS) has been implementing the project of “Mine Risk Education Plus for primary and secondary school children” (MRE+) in Quang Binh, Quang Tri, Quang Nam, and Da Nang since 2016. MRE+ project focuses on empowering primary and secondary school children (age 6-14 years old) in Unexploded Ordnance/Landmine (UXO/LM) contaminated areas to protect their lives by reducing their exposure to UXO/LM accidents. To achieve this goal, MRE+ project aims to improve the knowledge, attitude and behavior of children aged 6 -14 towards UXO/LM; enhance knowledge and skills of teachers in primary and secondary schools in integrating Mine Risk Education (MRE) guidelines into teaching activities; and strengthen parents’ knowledge and attitudes around UXO/LM. Furthermore, DOETs and TTCs in the target provinces are expected to institutionalize MRE to ensure the project’s sustainability. An estimate of 432,274 students and teachers will benefit from the project.

CRS wishes to engage a consultant or consulting firm to design and develop an interactive educational application (game) that provides MRE messages for children aged of 8-14 years in project areas. The offline application will be created using existing MRE material with an aim to assist users in improving their knowledge of UXO/LM risks and prevention methods.

The components of the application are as follows:

- 1) UXO/LM identification and their characteristics
- 2) Causes leading to UXO/LM accidents
- 3) How to prevent UXO/LM accidents
- 4) Consequences of UXO/LM accidents

OBJECTIVE

Design and develop a 30-60 minute narrated, interactive, media-rich offline application based on the existing content on MRE provided by CRS in English and Vietnamese languages for children aged of 8-14 years.

REQUIREMENTS

- The application should be designed and developed in a form of interactive educational game with CRS’ approved story-line.
- The story-line needs to be reviewed/ approved by CRS before the actual development of App.

- The application should be 30-60 minute narrated, interactive, media-rich (pictures, sound, animation, and texts)
- The application will be able to be installed in mobile devices and personal computers and run in Android, iOS and Windows operating systems, and run offline
- The application should be user-friendly and appropriately designed for both boys and girls
- The application should include three levels of MRE knowledge (from easy to difficult)
- The application should capture some basic information (name, age, and sex) at the beginning of the game
- The application will be uploaded to App Store of iOS and Google Play or Android Play Store.
- The application should integrate Google Analytics. That would help CRS to get analytics information around it (e.g., where are children facing difficulties, which levels are they getting dropped-out, the ratio of male vs female participants and engagement rates)
- The selected consultant/consulting firm will facilitate a training to provide guidance on application installation and use in personal computers for Information Technology teachers at primary school level in Quang Tri
- CRS shall own any data, creative works and/or inventions created, gathered, discovered, obtained or developed by the instructional designer.
- All source files, graphics, and audio delivered to CRS at the close of the project.

DELIVERABLES

No.	Deliverable	Timeline
1	A story line	March 15, 2018
2	Delivery of application design	April 15, 2018
3	Sample prototype	April 15, 2018
4	Application (Vietnamese version) for testing	June 15, 2018
5	Final application (Vietnamese version)	July 15, 2018
6	Final application (English version)	July 30, 2018

The proposed timeline is an estimate and may be modified as needed to achieve high quality results. Preference will be given to vendors who are able to offer a fixed priced proposal.

INTELLECTUAL PROPERTY RIGHTS

CRS shall own any data, creative works and/or inventions created, gathered, discovered, obtained, or developed by the instructional designer. Any reproduction, translation, derivation, distribution or other use of this work is prohibited without the express permission of CRS

WORKING RELATIONSHIPS

Ta Thi Hai Yen – Program Manager
Nguyen Tuan Phong – MEAL Manger
Jeffery Jose – IT Regional Manager

CONTRACTUAL RELATIONSHIP

The company or person selected will enter into a contract with Catholic Relief Services for the services delineated in this Scope of Work and others as may be agreed by both parties.

PERIOD OF PERFORMANCE

The proposed work will take place between March to July 2018

DESIRED QUALIFICATIONS

The service provider assigned to this project should possess the following qualifications:

- 5 years of senior professional experience in application design and development, especially in education sector
- Demonstrated expertise in mapping/outlining learning architecture critical to increase knowledge of users
- Demonstrated knowledge of cost-effective, flexible learning tools and instructional media
- Strong communication skills, both oral and written

APPLICATION REQUIREMENTS/SUBMISSIONS

- **Work proposal in English.** For interested candidates or firms, please submit a detailed work proposal that fully describes the anticipated steps and level of effort required to accomplish the work outlined above. Successful submissions will draw upon expertise and experience in performing similar work in developing their proposals, and where necessary may adjust the workflow/requirements outlined above if deemed necessary to achieve high quality results. The proposal will include level of effort and cost associated.

In addition to the work proposal above, candidates and/or firms will submit the following documents:

- **Example of Similar Work Product.** Either include a copy of or online reference to similar work product which demonstrates the candidate or firm's capacity to successfully and satisfactorily accomplish the work required.
- **Curriculum Vitae (CV).** The CV of staff member assigned to project should be sure to include adequate detail related to any professional experiences/accomplishments similar to the work required above.

CONTACTS

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