**Terms of Reference for Setting up a Geographic Information System (Interactive Map) for INGO Education Consortium**

With funding from European Union Civil Protection and Humanitarian Aid (ECHO), Finn Church Aid (FCA), Norwegian Refugee Council (NRC), Save the Children (SC) and War Child Holland (WCH), are implementing a harmonised approach to Accelerated Education Programming (AEP) in Uganda. The project is implemented across three districts in West Nile, Northern Uganda, and offers the opportunity for conflict-affected children to learn and develop their potential in inclusive and protective education in emergencies (EiE) systems.

The ECHO INCLUDE project (***INnovative and inCLUsive accelerated eDucation programmE for refugee and host*** is a 15 months’ education in emergencies (EiE) grant starting in February 2018 and ending April 2019. The project is being implemented in three (out of a total of 12) refugee hosting districts in Uganda: Arua, Yumbe and Moyo. Across the three districts, the project is implemented in five settlements: Imvepi, Rhino and Omugo (also referred to as Rhino Extension) in Arua, Bidi Bidi in Yumbe and Palorinya in Moyo. The project has three Result areas:

1. Conflict-affected children (host and refugee) access quality and protective accelerated learning opportunities including Can't Wait To Learn (CWTL)
2. School-aged refugee and host-community children benefit from psychosocial support and protection services at Accelerated Education centres
3. Government and NGO systems are strengthened to deliver quality Accelerated Education in line with the global AE Principles, including Can't Wait to Learn at district government, and community levels

**GIS Mapping Concept**

The objective of visualising information for the INGO Education Consortium would be;

* **Ease operations** for implementing partners
  + Inform distance between centres for logistics, planning and transport purposes (for example, for baseline / end-line, monitoring, Team Up activities and Can’t Wait to Learn installation)
  + Central point of information regarding what is happening at each school to inform day to day monitoring and decision making
* **Inform advocacy** with key stakeholders
  + Demonstrate scale and scope of activities and highlight key gaps in interventions and needs at community level
* **Planning and design** for current and future education partners
  + At quick glance, identify over-crowded schools to inform locations for future projects
* **Reporting** to donors and key stakeholders
  + Visualise the scale and scope of the INGO Education Consortium activities

**Scope of the Work**

The consultant will build an interactive product -3Ws (Who is doing What, Where) map for the Education Consortium to visualise information, including:

* GPS location of AEP Centres, transition options and referral options
* AEP centres attached to formal primary school
* Number of classrooms for each school/centre
* Referral pathways for children that are identified with unique needs with location mapped for referral options (healthcare, protection etc.)
* Transition pathways with locations of transition options mapped (e.g. nearby secondary school, mainstream primary school, vocational training centres)
* Number of learners enrolled, disaggregated by level, gender and nationality (refugee status)
* Number of teachers, disaggregated by type (teacher, assistant teacher), gender and nationality (refugee status)
* Teacher: pupil ratio

The intention is that the platform can be built now, with ease to add more locations, activities, partners and trends in future. The platform should be designed in a way that it can be paired with needs assessment data that may be mapped in future. Furthermore, the map should be able to capture local populations (AEP age group) and any other relevant trends which interacts with the education system around the schools & AEP centres for the school.

The consultant will build the capacity of the M&E team for the INGO Education Consortium partners as part of the consultancy work.

**Specific Tasks for the consultant:**

1. Guide and advise the information management platform in terms of design, level of information to be embedded into the platform for Education Consortium
2. Assess and identify the key data requirements, sources and needs after reviewing existing data.
3. Actively collect/generate the required data, map and analyse the data to build the platform complete with filters, dashboards etc.
4. Training of the Consortium MEAL team and CMU to ensure that the team understands the dynamic around the entire system, upgrade, updates and ensure its functionality.
5. Fully deploy the product giving full access to the consortium and make it ready for use by the consortium:

**Work scheduling:**

The assignment is anticipated to get accomplished as per schedule below. The consultant is expected to adopt or adjust the work plan for the assignment as shown below (though it can be adjusting in consultation with the team).

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| **#** | **Task Stages** | **Completion Schedule** |
| 1. | Selection of the consultant | By 22nd February 2019 |
| 2. | Signing of Contract | 28th February 2019 |
| 3. | Planning and organising for the exercise between CMU & consultant | 4th March 2019 |
| 4. | Consultant & assigned team gather, analyse and amalgamate geo-spatial data | March & April 2019 |
| 5. | Building and deploying the final product | March & April 2019 |
| 6. | Training the MEAL team and CMU on GIS | May 2019 |
| 5. | Handing over the product to CMU & Partners | June 2019 |

**Expected output**

A fully functional interactive map with 3Ws (Who is doing What, Where) map for the Education Consortium to visualise information with all the features specified under the scope of work. However, the necessary layers or level of information on the platform will supported with the consultant insight and experience on what should or should not be on the platform

**Professional skills and qualifications of the consultant team** **indicated on updated CVs:**

* + The consultant must have at least a Master’s Degree level in a relevant field.
  + A qualification in Monitoring and Evaluation will be added advantage.
  + Significant experience of undertaking similar assignments (can provide certificates of completion).
  + At least 5 years’ experience of collecting, analysing and amalgamating geo-spatial data.
  + Demonstrated ability to work with children.

**Mode of payment:**

Payment will be made in two instalments. 40% payment will be made in advance after signing the contract and remaining 60% will be made after successful delivery and acceptance of the final product by the consortium

Deadline for Submission of proposals: February 12, 2019 at 4:00pm