REQUEST FOR EXPRESSION OF INTEREST (REOI):

CONSULTANCY TO UPGRADE THE ZAP-A-QUITO MOBILE APP

BACKGROUND

Vector-borne diseases (VBDs) such as those caused by viruses and parasites which are transmitted to humans, mainly by mosquitoes, are a major threat to the health and economies of societies globally. Over 80% of the world’s population is at risk of contracting a VBD with mosquito borne diseases (MBD) having the greatest impact (Franklinos et. Al, 2019). MBDs such as human malaria, dengue, chikungunya and Zika are diseases account for approximately 17% of the estimated global burden of infectious diseases, with approximately 700,000 attributable deaths each year.

The Caribbean region is a hot spot for the emergence and persistence of VBDs in the American continent. Dengue-like illnesses were recorded in the Americas since the 1600s, but the modern era of understanding started with the isolation of the dengue virus for the first time in 1943-44. The Trinidad Regional Virus Laboratory (1952-1974) and the Caribbean Epidemiology Centre (CAREC 1975-2012), which were merged into CARPHA in 2013, contributed significantly to the global understanding of the disease.

Objective of the Project:

The overall objective of the project of which this contract will be a part is as follows:

To improve public health of the Caribbean population through a reduction in morbidity associated with Zika and other mosquito-borne diseases.

Eligibility.

If shortlisted and invited to submit a tender, Participation in tender procedures managed by the beneficiary(ies) is open on equal terms to all natural who are nationals of and legal persons (participating either individually or in grouping-consortium – of tenderers) effectively established in a Member State or a country, territory or region mentioned as eligible by the relevant regulations/basic act governing the eligibility rules for the grant as per Annex A2a – PART II to the practical guide.

https://ec.europa.eu/europeaid/prag/annexes.do?chapterTitleCode=A

Tenderers must state their nationality in their tenders and provide the usual proof of nationality under their national legislation.

The rule does not apply to the experts proposed under the service tenders financed by the grant.

11th EDF Please be aware that after the United Kingdom's withdrawal from the EU, the rules of access to EU procurement procedures of economic operators established in third countries will apply to candidates or tenderers from the United Kingdom depending on the outcome of negotiations. In case such access is not provided by legal provisions in force at the time of contract award, candidates or tenderers from the United Kingdom could be rejected from the procurement procedure.

**Grounds for exclusion**

If shortlisted and invited to submit a tender, tenderers must submit a signed declaration, included in the tender form, to the effect that they are not in any of the exclusion situations listed in Section 2.6.10.1. of the practical guide.

Tenderers included in the lists of EU restrictive measures (see Section 2.4. of the PRAG) at the moment of the award decision cannot be awarded the contract.

[https://ec.europa.eu/europeaid/prag/?header_description=DEVCO+Prag+to+financial+and+contractual+procedures+applicable+to+external+actions+financed+from+the+general+budget+of+the+EU+and+from+the+11th+EDF&long=57050&header_keywords=ePrag%2C+europa](https://ec.europa.eu/europeaid/prag/?header_description=DEVCO+Prag+to+financial+and+contractual+procedures+applicable+to+external+actions+financed+from+the+general+budget+of+the+EU+and+from+the+11th+EDF&long=57050&header_keywords=ePrag%2C+europa)

**Protection of personal data**

Processing of personal data related to this procedure by the contracting authority takes place in accordance with the national legislation of the state of the contracting authority and with the provisions of the respective financing agreement.

The Request for Expression of Interest (REOI), the tender procedure and the contract relate to an external action funded by the EU, represented by the European Commission. If processing your reply to the invitation to tender involves transfer of personal data (such as names, contact details and CVs) to the European Commission, they will be processed solely for the purposes of the monitoring of the procurement procedure and of the implementation of the contract by the Commission, for the latter to comply with its obligations under the applicable legislative framework and under the financing agreement concluded between the EU and the Partner Country without prejudice to possible transmission to the bodies in charge of monitoring or inspection tasks in application of EU law. For the part of the data transferred by the contracting authority to the European Commission, the controller for the processing of personal data carried out within the Commission is the head of legal affairs unit of DG International Cooperation and Development.

Details concerning processing of your personal data by the Commission are available on the privacy statement at:


In cases where you are processing personal data in the context of participation to a tender (e.g. CVs of both key and technical experts) and/or implementation of a contract (e.g. replacement of experts) you shall accordingly inform the data subjects of the details of the processing and communicate the above mentioned privacy statement to them.
Objective of the contract:
The objective of this contract is as follows:
The Project involves the redevelopment/redesign and deployment of a new version of the CARPHA’s Native mobile app/game Zap-a-‘quito including Admin area Backend database (server). The new version should be: (i) educative so users can learn about Insect Vector Control; (ii) durable so users would be drawn to play the game over a longer period of time, and (iii) entertaining so that users enjoy learning while gaming.

The consultant is also required to develop the infrastructure to capture data to assess the effectiveness of the mobile app in enhancing knowledge and influencing attitudes and behaviours in the prevention and control of mosquitoes using the USAID Zika Prevention Behaviour Matrix. (Annex1).

Geographical area to be covered
- CARPHA Member States (CMS)

SELECTION CRITERIA
For Legal and Natural Persons

Qualification and Skills
- At least an undergraduate degree in computer science, software engineering, mathematics or computer information systems.

General Professional Experience:
- Minimum of three years’ experience (more than 3 years will be taken into account) use of programming language
- Minimum of three years’ experience (more than 3 years will be taken into account) principles of secure, stable software design.
- Minimum of three years’ experience (more than 3 years will be taken into account) software development process and lifecycle, including the design-develop-test-release-maintain cycle, and long-term lifecycle support and maintenance.
- Minimum of three years’ experience (more than 3 years will be taken into account) Exposure to and understanding of some development methodology (Agile, Scrum) and development platforms or environments.
- Minimum of three years’ experience (more than 3 years will be taken into account) of two or more programming languages, preferably in-demand ones such as SQL, Java, JavaScript, C# or C++, Python, PHP, Ruby on Rails, or iOS.
- Minimum of three years’ experience (more than 3 years will be taken into account) Knowledge of various computer systems
- Excellent oral and written communication skills
- Analytic and conceptual ability

Specific Professional Experience:
- Minimum of three years’ experience (more than 3 years will be taken into account) with mobile gaming techniques
- Minimum of three years’ experience (more than 3 years will be taken into account) with web-based technology, as it relates to collecting and analysing data
- Minimum of three years’ experience (more than 3 years will be taken into account) of public health issues along with the cultural and political challenges faced by Caribbean territories
BUDGET:
The maximum amount for this activity is EURO 35,000 (inclusive of incidentals)

IMPLEMENTATION
The indicative period of the contract is: June-July 2020 to Mar 2021-April 2021, a duration of nine (9) months.

INVITATION
CARPHA invites eligible consultants to indicate their interest in providing the services. Interested consultants **must provide** information indicating that they are qualified to perform the services (CV’s, brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, business profile, etc.). Suitably qualified consultants will be short-listed and invited to tender for the Project through a competitive procedure.

DEADLINE FOR SUBMITTING EXPRESSIONS OF INTEREST
Expressions of interest must be delivered in English by email to the address below by
**Friday 27th March 2020 at 12.00 a.m. (midnight) Atlantic Standard Time (AST) to:**
E-mail: lalkhash@CARPHA.ORG

Procurement Officer
Caribbean Public Health Agency
16-18 Jamaica Boulevard
Federation Park
St. Clair
PORT OF SPAIN
Telephone: 1-868-622-4261/2
Fax: 1-868-622-2792

Following the assessment of the submissions, a shortlist of not less than three, and not more than eight applicants will be provided with the terms of reference and invited to submit technical and financial proposals to undertake the assignment. CARPHA reserves the right to reject late applications or to cancel the present invitation partially or in its entirety. It will not be bound to assign any reason for not short-listing any applicant and will not defray any costs incurred by any applicant in the preparation and submission of Expressions of Interest

EOI’s must be submitted using the template below
Expression of Interest
CONSULTANCY FOR THE IMPLEMENTATION OF A KNOWLEDGE, ATTITUDES AND PRACTICES (KAP) SURVEY ON ZIKA AND ITS COMPLICATIONS IN SIX (6) CARPHA MEMBER STATES

1 SUBMITTED by <i.e. the identity of the Candidate>

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<tr>
<th>Name(s) of legal entity or entities making this EOI</th>
<th>Nationality²</th>
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2 CONTACT PERSON (for this EOI)

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3. Applicants are requested to describe how they fulfil the selection criteria listed in this call.

- At least an undergraduate degree in computer science, software engineering, mathematics or computer information systems

- Minimum of three years’ experience (more than 3 years will be taken into account) use of programming language

- Minimum of three years’ experience (more than 3 years will be taken into account) principles of secure, stable software design

- Minimum of three years’ experience (more than 3 years will be taken into account) software development process and lifecycle, including the design-develop-test-release-maintain cycle, and long-term lifecycle support and maintenance.

- Minimum of three years’ experience (more than 3 years will be taken into account) Exposure to and understanding of

² Country in which the legal entity is registered.
³ Add / delete additional lines for consortium members as appropriate. Note that a subcontractor is not considered to be a consortium member for the purposes of this EOI form. Subsequently, data on subcontractors must not appear in the data related to the economic, financial and professional capacity. If this EOI is submitted by an individual legal entity, the name of that legal entity should be entered as ‘Leader’ (and all other lines should be deleted). Any change in the identity of the Leader and/or any consortium members between the deadline for receipt of EOIs indicated in the REOI and the award of the contract is not permitted without the prior written consent of the CARPHA.
some development methodology (Agile, Scrum) and development platforms or environments

- Minimum of three years’ experience (more than 3 years will be taken into account) of two or more programming languages, preferably in-demand ones such as SQL, Java, JavaScript, C# or C++, Python, PHP, Ruby on Rails, or iOS

- Minimum of three years’ experience (more than 3 years will be taken into account) Knowledge of various computer systems

- Minimum of three years’ experience (more than 3 years will be taken into account) with mobile gaming techniques

- Minimum of three years’ experience (more than 3 years will be taken into account) with web-based technology, as it relates to collecting and analysing data

- Minimum of three years’ experience (more than 3 years will be taken into account) understanding of public health issues along with the cultural and political challenges faced by Caribbean territories

4 STATEMENT

I, the undersigned, the authorised signatory of the above Consultant (for consortia, this includes all consortium members), hereby declare that we have examined the REOI referred to above. If our EOI is short-listed, we fully intend to submit a tender to provide the services requested in the tender documents.

We are fully aware that, for consortia, the composition of the consortium cannot be changed in the course of the tender procedure, unless CARPHA has given its prior approval in writing. We are also aware that the consortium members have joint and several liability towards CARPHA concerning participation in the above tender procedure and any contract awarded to us as a result of it.

Signed on behalf of the Consultant

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