



TERMS OF REFERENCE

Software Developer- Domestic Violence Case Management System

(Reference Number: (IUL)450-CA/1/2019/4)

1. Objectives:

The specific objectives are:

- 1) Developing a fully responsive user interface with sufficient validation and verification methods on the user input fields. Usage of a stable rapid development framework is acceptable.
- 2) A good dataflow of the respective system that prevents any possible confusion of usage.
- 3) Automation wherever possible to make the entry and retrieval process faster and more reliable.
- 4) Consistency throughout the respective systems.
- 5) The system must be developed using free open-source technology. And it must be compatible with Linux/Unix servers without requiring any additional cost.
- 6) A good error reporting system that relies on a REST API.
- 7) Graphical representations of the data entries to be generated as statistical reports.
- 8) The user interface should be able to use multiple font-faces. (Dhivehi fonts inclusive).
- 9) The front-end of the system should be a single-page application. User-interface should use REST API (Representational State Transfer Application Program Interface) calls to connect to the MMVC (Module Model View Controller) controllers of the respective systems.

2. Profile of Contractor:

- (a) **Education:** Bachelor's degree in Software Engineering or Information Technology or Computer Science.
- (b) **Work experience:** 4 years' experience in software development.
- (c) **Language:** Excellent written and oral communications skills in both Dhivehi and English.
- (d) Excellent understanding of HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JavaScript (jQuery would be an added bonus).
- (e) Excellent understanding of the REST API concept.
- (f) Good understanding on how MVC (Model View Controller) architecture works.
- (g) Excellent understanding of JSON (JavaScript Object Notation) data manipulation.
- (h) Good communication skill.



3. Work Setting:

- (a) **Place:** Family Protection Authority, Male', Maldives
- (b) **Timing:** 8am to 3pm (5 days a week)
- (c) **Duration of Assignment:** 6 months (with possible extension)
- (d) **Briefing and debriefing arrangements:** the Designer will be briefed by the Family Protection Authority.
- (e) **Mode of working:** The Designer is expected to work independently with guidance from FPA. The Designer is expected to complete the outputs through a combination of desk-based methods, as well as key informants interviews including feedback from individual meetings and group discussions with the staff of FPA.

4. Specific Deliverables:

- (a) Complete user interface (single-page application) for the Case Management System.
- (b) Back-end APIs which returns json queries.
- (c) User Manual for Case Management System
- (d) User Training

5. Remuneration:

MVR 25,000/- to 35,000/- per month depending on qualification and experience

6. Application:

Job application should comprise the following documentation. Late submission of any of the documents will not be accepted.

- (a) Duly filled application form
- (b) Portfolio of work completed
- (c) Copy of National Identity Card
- (d) Accredited copies of academic certificates
- (e) Curriculum Vitae
- (f) Copies of reference/recommendation produced by previous employers/supervisors

Send applications along with relevant documents before **13:30hrs, 24th January 2019** to;

Family Protection Authority

2nd Floor, H. Fulidhooge
Kalaafaanu Hingun, Male'.
Telephone: 301 0551
Fax: 301 0552
Email: info@fpa.gov.mv

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07th January 2019