<u>Terms Of Reference For Design & Development Of Road Development Corporation's Website</u>

Background

RDC is a 100% state owned entity formed by a presidential decree in June 2019 with the purpose of promoting the construction of rigid and flexible roads, repair and maintenance of bridges, building of highways and causeways, with construction materials and reinforced landscaping.

There are 3 major business components currently carried out by RDC as business segments, while other minor revenue activities comprise as a fourth segment. These include projects, production of bricks and precast, rental services and other small projects. The most notable project being carried out by RDC, at the moment is the Male' streetscaping project contracted by the government.

Scope of Work

- The website should be in English language, with the option to publish content in Dhivehi Language.
- Website should be search engine optimized.
- Fonts should render automatically, should not require the visitor to install the fonts.
- Should have a comprehensive search functionality.
- Should have the content filtering option wherever necessary.
- The website should optimize for low bandwidth visitors/users, and perform well on slow connections.
- Website should be a Laravel based custom web application.
- The website must be compatible with the current versions of the following browsers (Firefox, Internet Explorer, Safari, and Chrome), as well as Internet Explorer version 6 onwards.
- Photos should automatically optimize for visitor's device and user should be able allow visitors to download the pictures if necessary.
- Website should have an online store, from which visitors could request for quotations and view RDC's products.
- The website should have a payment gateway.
- User should be able to turn on/off the features from the backend.
- Back end of the website should be user friendly and easy to use.
- Visitors should be able to send queries through the website.
- Venders should be able to register, via website.
- The website should be able to publish, information and graphs.
- Home page content, and number of tabs on top banner should be finalized as per the instructions of RDC.

The website shall contain below mentioned features which could be managed by a administrator without code manipulation;

- Date and time stamp should be available for all postings.

- Should allow multiple levels of users, administrator should be able to access grant to users of different levels with predefined authorizations.
- Homepage should have interactive texts and images, which could be edited by the administrator wherever necessary.
- Should contain the provision to publish documents such as job announcements, tenders, Media brief etc.

Deliverable

- Developer should submit a work schedule to RDC within 1 (One) day from contract signing.
- The developer should provide a progress tracking mechanism, throughout the development process.
- The developer should prepare a detailed requirement analysis and a design template for the website with the consultation of RDC, this analysis should be presented to RDC within 15 (Fifteen) days of contract signing, RDC will concurrently approve the designs and instruct for alterations during this process.
- Development should start development immediately after approval of the design template & the requirement analysis.
- User testing should be carried out with collaboration of RDC.
- The developer should handover a working beta version of website within 30 (Thirty) days of contract signing.
- The developer should handover the final version of the website to RDC within 40 (Forty) days of contract signing.
- Alpha testing should be carried out internally prior to final handover.
- RDC reserves the rights for the application hosting and migration at its own discretion.
- The developer should handover to RDC;
    o All the necessary configuration to run the application.
    o A clear commented source code.
    o Technical documentation with diagrams.
    o A user guide with screenshots and clear instructions.
- The developer should conduct a minimum of 3 (Three) training sessions.
- The developer should provide bug fixing and technical support for the period of 1 (One) year from the time of final website handover.