

Easy Digital Signage Software

Proposal

Prepared By:



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Prepared For:



KIS

KALANGALA
INFRASTRUCTURE
SERVICES LTD.

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1 Introduction

Code Eagles is pleased to submit this proposal to KALANGALA INFRASTRUCTURE SERVICES (KIS) for the development of an interesting software “Easy Digital Signage”. We welcome the opportunity and highly believe that we shall deliver the needed software on time and as required.

It summarizes the estimated features, methodology, schedule, and investment required.

2 Features

- Customer information
- Advert information
- Advert scheduling
- Automatic Advert invoices
- Receipting
- Widgets:
 - a) Advert Area
 - b) Text Scroller
 - c) Calendar
 - d) Clock
 - e) Weather

The widgets can be placed in any position of the screen.

- Reports: Daily, Weekly, Monthly and Annual

3 How the Software will work?

Users Types

The software will be having five main types of users which will have different types rights and privileges.

- System Admin
- Sale & Marketing
- Operator
- Clients
- Advertising agent

Network and Software Topology

Two versions of software shall be developed, one will be running at the main server and the other will be running on the ferries.

With internet, the two versions shall be interacting when a ferry docks. There shall be data synchronization between the two versions.

At apart from the operator, other users shall mainly be interacting with main server version. The main server version shall store all information about adverts and also accept system advert logs from ferry version. The ferry version shall display the scheduled adverts and also log them as per client.

In many cases, the screens shall be remotely managed over the Internet to allow content updates, schedule changes, and reporting.

4 Methodology

In the development of easy digital signage software, a Rapid Application Development approach will be used to which a prototype will be produced for the end-users to review it on ground to determine whether it meets their requirements.

The end users offer feedback on its suitability, this will be repeated until the end-users are satisfied with the final system. In the same line we referred to a joint application design approach to which I had consultations to a group of different programming and designing team experts to come up with a collectively agreed pattern. This will therefore be used in the design and implementation of the system as the final model to meet the end user requirements.

The system will be benchmarked in an effort to evaluate how the developed system performs plus debugging of the entire system components to attain an error free system. All the system modules will be integrated and tested pertaining the data flows, inputs and outputs of the would be developed system

We shall work closely with the end-users and IT team that has a technical background to prepare and develop all necessary design specifications. The prototype shall demonstrate the feasibility of the design leading to client's approval.

The Technical implementation approach (TIA) will support the creation of the system database, the construction of interfaces and implementing of codes on various platforms to meet specifications and also increase a level of user confidence with a faster delivery of the expected online system services

5 Schedule and Cost

This schedule defines the major tasks to be completed during the life of the project. Individual tasks may be added, deleted or moved as required to meet the demands of the design. This project is estimated to take a period of 4 weeks. This period of time may vary depending on additional workload, last-minute changes, additional submissions, and third-party service providers if any. Additional feature requests and design changes will be billed for separately.

Phase 1 (Five days)

- Proposal acceptance and review
- Initial payment – 30% of the total cost
- Collection of the required information. This will require answering questionnaire and also some interview or explaining how the system is to work.
- Analysis of the collected information.

Cost **1,000,000/=**

Phase 2 (Ten days)

- Design of database.
- Interface Designs
- Development of the backend which will include login and administrative side

Cost **8,000,000/=**

Phase 3 (Seven days)

- Software Integration and Testing
- Present the software for review and approval
- Make additional revisions and adjustments where necessary (that are within scope)

Cost **1,000,000/=**

Phase 4 (Seven days)

- Software Installation on the ferries and company server
- Training of the intended users.
- Documentation - User Manual/Video Tutorials
- Sign off

Cost **2,000,000/=**

Cost Summary

PHASE	COST
Phase 1	1,000,000/=
Phase 2	8,000,000/=
Phase 3	1,000,000/=
Phase 4	2,000,000/=
TOTAL	12,000,000/=

6 Support

Code Eagles proposes to develop and provide a one-year free maintenance for the upgraded system.

7 Conclusion

To proceed with this project, KIS is required to take the following steps:

- Accept the proposal "as is" or discuss desired changes. Please note that changes to the scope of the project can be made at any time, but additional charges may apply.
- Finalize and sign contract that is attached in appendix one.
- Submit initial payment of 30% of total project fee.

Please do not hesitate to contact me with any revisions, alterations or concerns you have concerning this proposal.

I look forward to working with you

Best Regards,



Musiitwa Joseph.



For Professional IT Solutions

8 Appendix one

Appendix one



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Services Provided

Software development, Mobile apps, Desktop apps, Networking, Web design and development, Graphics design, domain name registration, hosting, bulk sms, personal training, internship training and consultancy.

This is a contract between **Code Eagles** and the **Client** listed below.

Business/Company/Organization Name: Kalangala Infrastructure Services Limited (K.I.S)

Contact Name (Person responsible for Charges): Eric Bantu

Address: Plot 6 Acacia Avenue Kololo Kampala Phone: 0312 253500 / 0312 235225

For development of: (Detailed description can be done overleaf)

Easy Digital Signage Software

To be delivered: After One Month Receiving advance

The total amount of this contract is (in words) Twelve Million Uganda Shillings

This agreement begins with an initial down payment of at least 30% of the total above.

Paid: (in words) Three Million Six Hundred Thousand Uganda Shillings

The undersigned agrees to the terms of this agreement on behalf of his or her organization or business.

On behalf of the Client

Signature:

Date:

On behalf of the Code Eagles

Signature: [Signature]

Date: 7th / 09 / 2020

TERMS OF THE AGREEMENT

1. The above named client is engaging **Musiitwa Joseph** known as a software engineer for the development of the above system. The client authorizes the software engineer to access the organization information. The software engineer agrees not to alter or expose any part of the information.
2. In the event the client can terminate this contract by a registered letter within 30 days, 50% of done payment will be refunded. If the work done is beyond the initial payment, the client shall be liable to pay for all work completed at the hourly rate.
3. The full system installation and ownership is after full payments as per the agreement and it excludes any hardware costs involved.
4. The software engineer will install the system on the client's machine and also organize training sessions, provide e-mail and telephone assistance to the client's designated representatives regarding management of the client's system. Physical meetings charges may be covered up by the system owner.
5. This agreement includes support to system over a one year period including making minor changes to the system as defined by the client.