**PROPOSAL FOR**

**Website Design**

**&**

**Development Services**

**By**

**CADD HOME TECHNOLOGIES (CADD Home Group of Companies)**

 **Dehradun , Uttarakhand**

 **India**

**Cover Letter**

Ref. No.: CHT- /2011

To,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Subject: Proposal for Website design & Development Services.

Dear Sir,

Thank you for generating interest in our services and providing us an opportunity for **Website Design & Development Services.**

We, at Cadd Home Technologies, specialize in software and website development and are a one-stop solution provider for web-based needs. We provide domain name registration services, hosting services, web designing/development and multimedia development, all under one roof.

Enclosed herewith is a detailed proposal for the Website Design & Development Services supplement with tentative price quotes. We take this opportunity to emphasize that our solutions are always cost effective, affordable and qualitative.

For any further enquiry or clarification, kindly feel free to contact us or visit [www.caddhome.com](http://www.caddhome.com) for more details about our portfolio and us.

We shall be obliged if you kindly consider availing our services for your esteemed organization.

Looking forward to your positive response.

Thanks & Regards,

For **Cadd Home Technologies (Cadd Group of companies)**

Amit Verma

(DIRECTOR)

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E-mail:caddhome@gmail.com

Website: **www. caddhome. com**

Enclosures: Price Estimation for Website Design & Development Service

**Efforts Estimation**

**For Website Design & Development**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Module/Functionally** | **Days** |
| 1. | Website Front End Design |  |
| 2. | Development & Coding |  |
| 3. | Quality Analysis |  |
| 4. | Testing |  |

**Project Schedule**

Here is a brief project schedule. A detailed schedule will be prepared as part of project plan after the project is awarded.

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Description of Milestone** | **Business Days** |
| Initial Documentation | Completion Software Requirements Specifications. |  |
| Prototyping Designing and Database | Completion of Database Design and Prototype |  |
| Development and Module Integration | Completion of coding phase |   |
| Final Testing and Deployment | Final testing and Deployment of Code |  |
|  | **TOTAL** |  |

**Resource Allocation**

|  |  |  |
| --- | --- | --- |
| S.No | Designation  | Numbers |
| 1 |  Project Managers |  |
| 2 | User Interface-Web Designer |  |
| 3 | Software Programmer |  |
| 4 | Quality Analyst & Testing |  |

**Price Estimation**

1. **For Website Design & Development**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Tasks** | **Qty** | **Amount (In Rs.)** |
| **1** | Web Design & Development |  |  |

**Quote and Payment Terms**

1. **For Website Design & Development**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Tasks** | **Percentage** | **Amount (In Rs.)** |
| 1 | Initial Deposit  |  |  |
| 2 | Stage (Mid) |  |  |
| 3 | On Completion of the Design, Development & Testing of the website and before delivery |  |  |
|  | **TOTAL** |  |  |

1. **For Domain Registration & Hosting**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Tasks** | **Qty.** | **Amount (In Rs.)** |
| 1 | Domain Registration (Per annum) (.com) as per availability  |  |  |
| 2 | Website Hosting (Per Annum) around 10GB space  |  |  |
|  | **TOTAL** |  |  |

**Payment Modes**

* Payment should be made by Cash or **DD/Cheque in favour of** Cadd Home Technologies, payable at Dehradun.

**Development Environment and Tools**

* Client side Scripting languages: XHTML 1.0, Asp.Net, Ajax, Java Script
* Application Languages : ASP.Net, VB/C#
* Web Server : IIS 7.0
* Database : MS SQL Server
* Graphical designs, sound & animation: Photoshop CS2, Dreamweaver 8.0, Sound Forge and Flash 8.0 for animations (Custom pricing for large Flash animations. Small Animations like picture slide shows/ slogan etc. is included in the package).

**Development Process**

We follow the basic rooted mantras of software engineering practices – Analysis, Planning, Design, Development, Testing and Implementation.

**Define:-** First to define detailed scope of the requirements. This is done through a detailed study by the project manager to know the requirements. This process starts even before the project is awarded to us as our estimates are based on the amount of work involved and technological challenges. To estimate these we keenly study the project and the application scenario in real world before giving a quote.

**Plan & Design:-** Once the project is awarded to us, a SRS (Software Requirement Specification), Prototype with supporting High Level Designs (HLD), User Interface, Class Diagram and Database Diagrams are prepared. These designed documents and prototype are sent to clients for approval.

**Development:-** Upon approval, we start coding. All our codes are well commented and follow naming conventions. We have a well defined Multi-tier Architecture and each developer adheres to it.

**Testing:-** Testing phase begin with the planning. As soon as HLD is frozen, we prepare test plans and cases. Application is tested parallel to development making sure that there are no errors. Once the development is completed, the application is tested from scratch to make sure all modules are well integrated.

**Debug:-**  The testing result are then converted in action for debugging & solving the bugs. Once all the bugs are fixed by the developers, Quality team verifies the bugs and reports any reproduced bugs. This process continues till all bugs are fixed.

**Development:-** Project leader reviews the application and makes that the application fulfills the Service Legal Agreement (SLA) and is in line with other functional and non functional requirements. Upon approval application is deployed to the production server.

**Quality Process**

Quality is the most important part of the development process. We have a dedicated software quality assurance team. The team is responsible for the quality of the application used in the development process. Each application goes through the process of testing as per well developed checklists.

Once project planning and documentation is completed, the QA team prepares test plans and test cases. These are executed by Quality Testing Engineers. The application goes through various types of testing like validation testing, functional testing, performance testing, load testing, stress testing, usability testing and more. Once the bugs are removed, optimization issues and other quality concerns are fixed by the developers. The application is tested by the quality team again to make sure each and every issue is fixed.

This type of testing is known as regression testing. Any reproduced issue is sent to the developers again for fixing. This process continues till all issues are closed successfully.

To manage this process, we have a comprehensive quality and bug management system. Bugs are tracked closely and developers are answerable if any bug is reproduced two times.

The quality process does not end with deployment of the application. Once the application is completed, Quality Manager is responsible for generating report for each developer comparing improvement from the previous project. Developers are answerable for repeated mistakes. This ensures continuous improvement.

To conclude, Quality is a priority at Cadd Home Technologies (Cadd Home Group of Companies).