HTML5 – JavaScript – CSS – PHP – MYSQL Project

1: Project Overview:

This project is looking to convert the content, interactivity, look and theme of our online training program, which was original created in Flash in 2005. It has been continually updated every 18 months or so and has now reached the "end of life" stage due to the flash player browser development issues.

With our current program all the graphics, coding and content of the programs is currently developed inhouse , with the end product successfully communicating to a MYSQL database through PHP.

Our aim is to evolve the above program into a HTML5, product with JavaScript, CSS and applicable 3rd party plugins.

With this project we are looking for a creative and talented person to kickstart the development of the layout and functionality through modern and innovative coding practices.

There is a flexible timeline with this project.

2: Project Descriptions:

Your role is to create the opening pages and structure which will display a photo realistic image. One of the main processes will be initializing and storing variable values, some with values from the MYSQL database. A creative system or series of functions to store the session variable values will be expected. Subsequent pages will have access to the variable values, plus the ability to send and receive data from the database.
(Current PHP files and MYSQL database structure files to be supplied).

The finished project will consist of 5 HTML5 pages/files with JavaScript, CSS and any required plugins.

Opening Page: – Set main artwork - possible full screen landing page and responsive stage with image padding – initialize multiple variables – Two (2) communication calls to a MYSQL database.

Standard Page Template: – Display main artwork – demonstrate the ability to display the values of the retrieved variables on this page – display demonstration text / content on page.

Main Menu Page: - Display main artwork – communicate with database to determine the participant's status and respond back to database – demonstrate the ability to display the values of the retrieved variables on this page – facilitate 3 basic buttons on stage.

Question Page Template: Display main artwork – load 10 generic variable names and dummy values from a "sessionStorage" function – send/update the 5 generic variable values to MYSQL database with an update function prior to completion of the question. Facilitate a basic button to Question Information Section Page.

Driving Information Menu Page: - Known as **SDG Menu**: Display main artwork – facilitate 10 basic buttons on stage. Interact / Return / via button to Question Page / Main Menu.

3: Skills Required:

Experience in HTML5 – JavaScript – CSS – MYSQL - PHP.

(All current and relevant PHP and MYSQL files to be supplied, but the ability to test own work on localhost sever would be expected.)

4: Logistics:

Interested developers can indicate their timeframe for this project. Indicated timeframe will be taken into account regarding successful applicant.

A fixed price agreement will be offered for this project.

We would welcome proposed project information or a brief/detailed outline on technologies to be utilized in creating this framework and structure for this online program development.

The initial artwork (image placeholders) will be supplied to kick start the project. Current PHP files and MYQSL structure files will be supplied. PHP file code or processes can be modified for enhancement purposes.

There is also access to a modified version of the current training program via the Specifications HTML5 Project pdf file. This will help any potential applicants develop a feel for the new project.