

Statement of Work

Overview

Cutaway Creations LLC assembles cutaways for engines and other heavy industry equipment which includes dynamic lighting, sounds, displays, and sometimes interactivity. They are interested in creating a code-base and a flexible hardware approach that can be re-used with some modification project to project. Apsis Science and Technology LLC will develop the hardware and software for one of their near-term engine cutaway projects with this goal in mind.

Work Requirements

Apsis Science and Technology LLC shall:

- Select a Power Supply Unit (PSU) that can support all of the electronics for the LEDs, Raspberry Pi/Arduino(s), and rotary switch.
- Determine the required wire gauge for power/grounding wire to the LEDs.
- Design an interface between the Raspberry Pi/Arduino(s) for controlling the LEDs and for reading the state of the rotary switch.
- Develop software for the Raspberry Pi/Arduino(s) to control the LEDs. This software will support several different modes, potentially even simple animations, and will be controlled by the state of the rotary switch.
- Test and integrate the PSU and Raspberry Pi/Arduino(s) assembly with the engine cutaway assembly to support delivery of a reliable final product.

Cutaway Creations LLC shall:

- Perform all necessary work on the engine cutaway itself, including wiring and integration of the LED strips.
- Purchase or reimburse Apsis Science and Technology LLC for the purchase of all material items required for this project.

Changes to the scope of work or project requirements must be agreed upon by both Apsis Science and Technology LLC and Cutaway Creations LLC.

Location of Work

Work will be performed in the Apsis Science and Technology LLC Arlington VA office, and in the Cutaway Creations LLC Fairfax VA facility.

Period of Performance

The period of performance for this project runs from the date this contract is signed until April 15th, 2018.

Schedule/Milestones

This is a relatively short project, and as such the key milestone is delivery of the final product to Custom Cutaway LLC's customer in mid-April.

Acceptance Criteria

Cutaway Creations LLC will agree to formally accept the hardware and software developed by Apsis Science and Technology LLC for this project if the following conditions are met:

- The final product can reliably support light-up of the LED strips in any of four modes, controlled by a rotary switch.

Intellectual Property Ownership

Apsis Science and Technology LLC agrees that all inventions they develop a) using Cutaway Creations LLC' equipment, supplies or trade secrets, b) resulting from work they perform for Cutaway Creations LLC or c) related to Cutaway Creations LLC' current research and development will be Cutaway Creations LLC' sole and exclusive property, and Apsis Science and Technology LLC hereby agree to assign all rights, title and interest in same to Cutaway Creations LLC, including execution of assignments as requested.

Apsis Science and Technology LLC, upon fulfillment of this contract, may disclose to other entities the fact that Apsis Science and Technology LLC has performed hardware and software development work for Cutaway Creations LLC, but may not disclose the nature of the work performed without the prior written consent of Cutaway Creations LLC.

Payment Terms

It is estimated that Apsis Science and Technology LLC will require no more than 16 hours of engineering time, spread out over the duration of this project, to meet project requirements. Apsis Science and Technology LLC agrees to render the aforementioned engineering services at a rate of \$75/hour for the first 16 hours of engineering time spent on this project, and at a rate of \$0/hour for any additional engineering time required. Payment will be made by Cutaway Creations LLC in a timely matter at the conclusion of this project.

Cutaway Creations LLC:

Representative's Name (Print) _____

Representative's Signature _____

Date _____

Apsis Science and Technology LLC:

Representative's Name (Print) _____

Representative's Signature _____

Date _____