

# Proposal 2

## Command Chair

### A. Overview

The Command Chair is designed to integrate the human user at a neuro-cognitive level with advanced multi-sensory perceptualization systems. This provides for a much greater capacity to confront and manipulate information for specific purposes.

### B. Details

1. Bungee suspension frame and chair
2. Flying hands with integrated TNG4
3. Articulated monitor arms
4. Twin LCD panels
5. Audio interface panel for headphones

### C. Development Costs

1. Bungee suspension frame and chair

Welded Aluminum 3 point Frame

Leather Chair with foot rest

Materials: Chair/Aluminum/Bungee \$600

Labor: Machining/Welding/Assembly 40 hrs @ \$100/hr = \$4,000.00

**Total: \$4,600.00**

2. Flying Hands:

Machined Aluminum and Plastic

RS232 connection

Joystick has x, y and z movement plus rotation

Palm pad and fingers have pressure sensitive switches

TNG4 is integrated into the base

Materials:

Polyethylene / Acrylic / Aluminum \$500.00

Joystick / switches / accelerometer / TNG4 \$2,500.00

Labor: Design / Machining / Assembly 40 hrs @100/hr = \$4,000.00

**Total: \$7,000.00**

3. Articulated monitor arms:

Materials: (2 Ergotron arms) \$800

Labor: 3 hrs @ \$100/hr = \$300

**Total: \$1,100.00**

4. Twin LCD Panels

Materials: (2 19 inch LCD panels) \$2,000.00

Labor: 3 hrs @ \$100/hr = \$300

**Total: \$2,300.00**

5. Audio interface panel:

1/4" Stereo jack with volume control located on arm rest

Materials: \$100

Labor: 4 hrs @ \$100/hr = \$400

**Total: \$500**



<b>Total cost of materials:</b>	<b>\$ 6,500.00</b>
<b>Total hours:</b>	<b>90 hours</b>
<b>Total Labor cost:</b>	<b>\$ 9,000.00</b>
<b>Total Design and Prototype cost:</b>	<b>\$15,500.00</b>

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