

# Proposal 5

## Monitor Arm

### A. Overview

The monitor arm tower is designed to support a 24 inch lcd panel on an articulated arm. The tower's weight is carried by the raised floor, and the top is anchored to the ceiling grid. The articulated arm is capable of extended the lcd panel up to 6 feet from the tower. Multiple arms can also be connected to the tower to create a grid of lcd panels.

### B. Details

1. Structure
2. Hardware components

### C. Development Costs

1. Structure:

Metal construction

Free standing - connected to ceiling grid

Integrated connections for peripherals

Materials:

Steel/Hardware \$400.00

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

**Total: \$4,400.00**

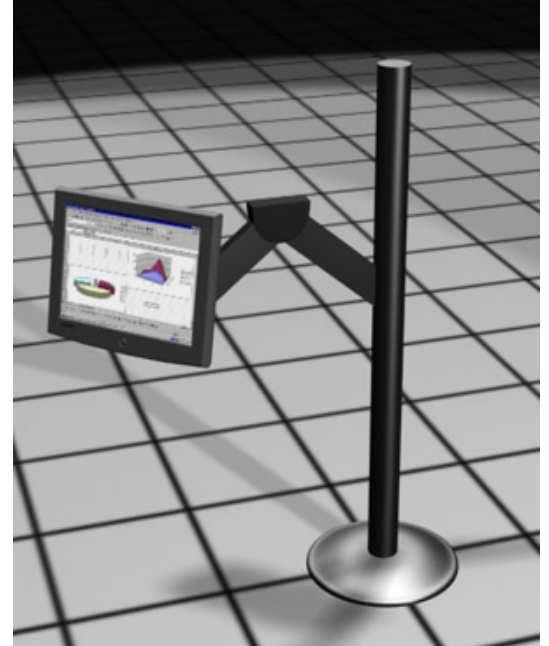
2. Hardware components

Articulated arms will have standard VESA mounting plates

Modified ergotron arms (\$400 each)

Labor: Integration and install 18 hrs @ \$100/hr = \$1,800.00

**Total: \$2,200.00**



<b>Total cost of materials:</b>	<b>\$ 800.00</b>
<b>Total hours:</b>	<b>58 hours</b>
<b>Total Labor cost:</b>	<b>\$ 5,800.00</b>
<b>Total Design and Prototype cost:</b>	<b>\$ 6,600.00</b>



Contact information:

Dave Warner, MD, PhD  
MindTel, LLC  
davew@mindtel.com

Matt Carbone  
Ideations LLC  
1800 N. Greene St.  
Greenville, NC 27834  
matt@mindtel.com

**ideations**  
integrated design solutions