

# STATEMENT OF WORK

Reconfigure Mission Control Center 2 overhead  
video monitor support structure for High  
Definition monitors

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### **1.0 Background**

The Western Aeronautical Test Range (WATR) has the need to upgrade the existing Mission Control Center #2 (MCC-2) overhead video monitor support structure to accommodate High Definition monitors. The current structure was fabricated in house to support eight 40" plasma monitors in a 4:3 aspect ratio. The existing structure consists of the 4 vertical beams suspended from the ceiling with horizontal plates for the monitors to be secured to. The monitors are configured with in two rows of 4 monitors with a projecting screen in the middle.

### **2.0 Objective**

Hire a vendor to provide a frame work for the new HD monitors to attach to the existing vertical beams.

### **3.0 Scope:**

The scope consists of having a vendor design, deliver and install a support structure.

#### **4.0 Requirements:**

- 4.1 The vendor shall take all measurements pertaining to the installation and be solely responsible in ensuring the suitability of vendor supplied hardware. NASA shall incur no cost for the taking of measurements, but will make available on request access to the work area for measurements.
- 4.1 The vendor shall provide all needed hardware to attach to the existing vertical support beams.
- 4.2 The vendor shall provide all the needed hardware to attach the HD monitors to the support structure.
- 4.3 The vendor shall maintain the integrity of the center projection screen.
- 4.4 The vendor shall provide a structure that will allow for attachment of additional light weight equipment below the monitors (see picture)
- 4.5 The vendor shall ensure the installation is aesthetically pleasing.

#### **5.0 Deliverables:**

The vendor will provide all documentation and drawings associated with this project at its completion.

#### **6.0 Government-Furnished Property:**

- 6.1 The vendor will use the existing Government furnished four vertical support beams and eight Panasonic TH-42PF50U monitors
- 6.2 The vendor will use the existing Government furnished Stewart projection screen. The dimensions are 79" wide x 59" high.

#### **7.0 Security:**

- 7.1 Participating vendor's staff will need to be badged and escorted. Visit requests for are required to be submitted 3 days in advanced of visit.
- 7.2 Participants must meet DOD and NASA requirements for access to Government installations.

**8.0 Travel:**

Vendor travels to worksite costs are to be included in the quote

**9.0 Other Unique Requirements:**

This work will be performed in a computer room environment. All consideration needs to be given in keeping any contaminants from the installation confined to the immediate work area. Due to the dynamic nature of the Dryden mission, scheduling conflicts can occur.

**10.0 Place of Performance:**

NASA Dryden Flight Research Center Building 4800 room 3206, Mission Control Center #2. The nominal working hours are from 7am to 4pm. Any works outside of these hours are subject to availability of personnel.

Dryden Flight Research Center  
PO Box 273  
Edwards Air Force Base, CA 93523

**11.0 Period of Performance:**

Tentative period of performance for the Upgrade support is any week in the calendar year 2012 with the work not to exceed 5 working days. Anticipated is that the vendor is able to attend a coordination meeting onsite a day or two ahead to target start date, It is also expected that the vendor is flexible to adjust the work schedule that meets both parties. The project has completion date no later than TBD.

12. Pictures:



