

**RIVERSIDE COUNTY INFORMATION TECHNOLOGY
Detailed Scope of Work**

**DPSS Digital Signage Project
Eight various sites within County of Riverside**



Detailed Scope of Work

General Information: The general scope of this project includes the installation of a new digital signage solution for eight DPSS sites. The project shall consist of the provision, installation, termination, testing and documentation of a complete fully functional structured digital signage solution using new in box customer provided displays.

All work must adhere to all Riverside County Information Technology (RCIT) specifications and standards. It is the Contractor's responsibility to ensure all labor and materials needed to deliver a complete, fully functional system that complies with all applicable codes, industry standards, and industry best practices are accounted for in the cost proposal.

In the event of a change order, applicable unit cost as quoted will be extended for both materials and labor to cover the addition of work. No increase to unit cost shall be permitted. Change orders must be agreed upon in writing by both County and Contractor before service is rendered.

The project will, in general, include the following:

- ☐ Installation of (48) Shielded Cat 6 plenum cables for (24) Work Area Outlets from the TR to the locations specified on the drawings spanning over eight locations.
- ☐ Installation of (96) Shielded Leviton Jacks.
- ☐ Installation of (24) 2 port Leviton Faceplate.
- ☐ Installation of (10) Leviton 1U 24P QuickPort panel.
- ☐ Installation of (24) Chief Fusion Wall Mount Bracket.
- ☐ Installation of (24) Customer provided Samsung displays.
- ☐ Provide (28) Samsung MagicInfo device level license.
- ☐ Provide (48) Yellow Shielded Patch cords.

- ☐ **Documents included in this RFB:**
- ☐ Document A – Material List
- ☐ Document B – Contractor's Bid Page; Bidder will need to review the page in its entirety and provide the totals requested on the Contractors Quote.
- ☐ Document C – General Terms, Conditions, and Contractor Qualifications
- ☐ Document D – Supplemental Installation Instructions
- ☐ Document E – Cable Certification
- ☐ Document F- Drawings
- ☐ Document G- Scope of Work

SCHEDULE AND MILESTONES:

All horizontal AV cabling installation and equipment configuration shall be performed during nonbusiness hours. Hours are considered Monday – Friday 5:00 PM to 12 AM Or Saturday-Sunday 6 am to 5 pm.

1. Blythe: 1225 W Hobson Way, Blythe Ca 92225

1.1.1. TV Work Area Outlet

- 1.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (2) TV locations (total of 4 cables).
 - 1.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 1.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 1.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 1.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 1.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 1.1.1.1.6. Provide an Install (2) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 1.1.1.1.7. Install (2) Customer provided 75" Samsung display.

1.2. Samsung License:

- 1.2.1.1. Provide (2) Samsung Magicinfo License. Part number BW-MIP70PA

Detailed Scope of Work

2. Lake Elsinore: 1400 W. Minthorn Street Lake Elsinore, Ca. 92530

2.1.1. TV Work Area Outlet

- 2.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (3) TV locations (total of 6 cables).
 - 2.1.1.1.1. At each WAO on the first floor two cables will home run to TR1A as noted on the drawing.
 - 2.1.1.1.2. At each WAO on the second floor two cables will home run to TR2A as noted on the drawing.
 - 2.1.1.1.3. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 2.1.1.1.4. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 2.1.1.1.5. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR2A. Location to be determined by RCIT.
 - 2.1.1.1.6. At the WAO, install white 2-port faceplates for all TV locations.
 - 2.1.1.1.7. In TR1A all cables will land on the Leviton quick port panel.
 - 2.1.1.1.8. Provide an Install (3) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 2.1.1.1.9. Install (3) Customer provided 75" Samsung display.

2.2. Samsung License

- 2.2.1.1. Provide (3) Samsung Magicinfo License. Part number BW-MIP70PA

3. Jurupa: 5961 Mission Blvd, Riverside Ca. 92509

3.1.1. TV Work Area Outlet

- 3.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (4) TV locations (total of 8 cables).
 - 3.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 3.1.1.1.2. At each WAO, two cables will home run to TR1B as noted on the drawing.
 - 3.1.1.1.3. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 3.1.1.1.4. Provide and install (1) Leviton 24 port QuickPort patch panel in TR1A. Location to be determined by RCIT.
 - 3.1.1.1.5. Provide and install (1) Leviton 24 port QuickPort patch panel in TR1B. Location to be determined by RCIT.
 - 3.1.1.1.6. At the WAO, install white 2-port faceplates for all TV locations.
 - 3.1.1.1.7. In TR1A all cables will land on the Leviton QuickPort panel.
 - 3.1.1.1.8. In TR1B all cables will land on the Leviton QuickPort panel.
 - 3.1.1.1.9. Provide an Install (4) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 3.1.1.1.10. Install (4) Customer provided 75" Samsung display.

3.2. Samsung License:

- 3.2.1.1. Provide (4) Samsung Magicinfo License. Part number BW-MIP70PA

4. Moreno Valley: 12625 Heacock St Moreno Valley Ca. 92553

4.1.1. TV Work Area Outlet:

- 4.1.1.1. Provide and install two shielded yellow LANmark Category 6 F/UTP cables at each of (4) TV locations (total of 8 cables).
 - 4.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 4.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 4.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 4.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 4.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 4.1.1.1.6. Provide an Install (4) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 4.1.1.1.7. Install (4) Customer provided 75" Samsung display.

4.2. Samsung License:

- 4.2.1.1. Provide (4) Samsung Magicinfo License. Part number BW-MIP70PA

Detailed Scope of Work

5. Norco: 571 W. Parkridge Ave. Norco Ca.92860

5.1.1. TV Work Area Outlet:

- 5.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (3) TV locations (total of 6 cables).
 - 5.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 5.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 5.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 5.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 5.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 5.1.1.1.6. Provide an Install (3) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 5.1.1.1.7. Install (3) Customer provided 75" Samsung display.

5.2. Samsung License:

- 5.2.1.1. Provide (3) Samsung Magicinfo License. Part number BW-MIP70PA

6. Temecula: 43264 Business Park Drive Suite B1 Temecula Ca. 92590

6.1.1. TV Work Area Outlet:

- 6.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (3) TV locations (total of 6 cables).
 - 6.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 6.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 6.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 6.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 6.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 6.1.1.1.6. Provide an Install (3) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 6.1.1.1.7. Install (3) Customer provided 75" Samsung display.

6.2. Samsung License:

- 6.2.1.1. Provide (3) Samsung Magicinfo License. Part number BW-MIP70PA

7. Indio: 44-199 Monroe Street Indio Ca. 92201

7.1.1. TV Work Area Outlet

- 7.1.1.1. Provide and Install two shielded yellow LANmark Category 6 F/UTP cables at each of (2) TV locations (total of 4 cables).
 - 7.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 7.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 7.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 7.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 7.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 7.1.1.1.6. Provide an Install (2) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 7.1.1.1.7. Install (2) Customer provided 75" Samsung display.

7.2. Samsung License:

- 7.2.1.1. Provide (2) Samsung Magicinfo License. Part number BW-MIP70PA.

Detailed Scope of Work

8. La Sierra: 11060 La Sierra Ave Riverside Ca.92505

8.1.1. TV Work Area Outlet

- 8.1.1.1. Provide and install two shielded yellow LANmark Category 6 F/UTP cables at each of (3) TV locations (total of 6 cables).
 - 8.1.1.1.1. At each WAO, two cables will home run to TR1A as noted on the drawing.
 - 8.1.1.1.2. Terminate all ends of all cables using Leviton Atlas beige shielded category 6 inserts.
 - 8.1.1.1.3. Provide and install (1) Shielded Leviton 24 port Quick port patch panel in TR1A. Location to be determined by RCIT.
 - 8.1.1.1.4. At the WAO, install white 2-port faceplates for all TV locations.
 - 8.1.1.1.5. In TR1A all cables will land on the Leviton quick port panel.
 - 8.1.1.1.6. Provide an Install (3) Chief LTM1U Fusion Large adjustable wall mount brackets.
 - 8.1.1.1.7. Install (3) Customer provided 75" Samsung display.

8.2. Samsung License:

- 8.2.1.1. Provide (3) Samsung Magicinfo License. Part number BW-MIP70PA.

9. Perris: 201 Redlands Ave Perris, Ca 92571

9.1. Samsung License:

- 9.1.1.1. Provide (4) Samsung Magicinfo License only. Part number BW-MIP70PA.

9.2. Patch Cords:

- 9.2.1.1. Provide (24) 5' Shielded Yellow Patch cord.
- 9.2.1.2. Provide (24) 9' Shielded Yellow Patch cord.

10. Miscellaneous:

10.1.1. Suspension Hardware

- 10.1.1.1. The awarded low-voltage cabling contractor is responsible for providing all the P-rod, stringers, J hooks, and hardware necessary to properly support and route the communications cables in the plenum and telecom rooms/spaces.

10.1.2. FIRESTOPPING

- 10.1.2.1. The awarded low-voltage cabling contractor must provide firestop to all penetrations on fire-rated walls and floors using a UL-approved system.

10.1.3. ASSUMPTIONS

- 10.1.3.1. Scope of work is based on provided floor plan with detailed outlet locations.
- 10.1.3.2. It is assumed the building has drop ceiling with acoustic tiles. The horizontal space above the plenum will be used as a pathway. All ceiling heights do not exceed 9ft from AFF except for the Indio location. Indio will require a 14' ladder.
- 10.1.3.3. Labor to be bid at Telecommunications Technician prevailing wage second shift rate. The department will not allow work past 12 am with a start time of 5 pm.

10.2. Contingency:

- 10.2.1.1. Include a project contingency equivalent to 10% of your total estimated labor cost.

END