



**JEFFERSON COUNTY, TEXAS
PURCHASING DEPARTMENT**

1149 Pearl Street – First Floor
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409-835-8593 phone

ADDENDUM TO IFB

RFP Number: **RFP 19-014/JW**
RFP Title: **Design and Installation of Exterior LED Message Center
& Indoor LED Video Board/Replay Panel for Ford Park Entertainment Complex**
RFP Due: **11:00 am CT, Tuesday, April 2, 2019 (PER THIS ADDENDUM)**
Addendum No.: **1**
Issued (Date): **March 20, 2019**

TO BIDDER: This Addendum is an integral part of the IFB package under consideration by you as a Bidder in connection with the subject matter herein identified. Jefferson County deems all sealed proposals to have been proffered in recognition and consideration of the entire IFB package – **including all addenda.** For purposes of clarification, **receipt of this present Addendum by a Bidder should be evidenced by returning it (signed) as part of the Bidder’s sealed proposal.** If the Proposal has already been received by the Jefferson County Purchasing Department, Bidder should return this addendum in a separate sealed envelope, clearly marked with the IFB Title, IFB Number, and Opening Date and Time, as stated above.

Reasons for Issuance of this addendum:

Extension of Bid Due to: 11:00 am CT, Tuesday, April 2, 2019

Cut-off Date for Question Response: 5:00 pm, Monday, March 25, 2019

Revised Specifications & Appendix A (See Attached Pages)

The information included herein is hereby incorporated into the documents of this present Bid matter and supersedes any conflicting documents or portion thereof previously issued.

Receipt of this Addendum is hereby acknowledged by the undersigned Bidder:

ATTEST:

Witness

Witness

Authorized Signature (Bidder)

Title of Person Signing Above

Typed Name of Business or Individual

Approved by ____ Date: _____

Address

4. Scope of Services

4.1 Objective

The purpose of this Request for Proposal is to solicit competitive sealed proposals from qualified firms to design and install:

- Exterior LED Message Center
- Indoor LED Video Board/Replay Panel (Display Panel Only) **OR Display Panel and Scoreboard** at the Ford Park Entertainment Complex for Jefferson County.

It is anticipated that this RFP will result in an award to a qualified firm for services as defined within these specifications; with the potential for additional agreement(s) as needed for LED display needs at the Ford Park Entertainment Complex, including but not limited to display design, installation, service, and repairs.

Successful Offeror, as Contractor will design and install a replacement Exterior LED Message Center within the existing roadside marquee at the Ford Park Entertainment Complex. Offeror will remove and dispose of existing LED Message Center and replace only this component of the marquee. The existing body of the marquee is not to be removed or replaced.

Successful Offeror, as Contractor will design and install either a replacement Indoor LED Video Board/Replay Panel (Display Panel Only) **or replacement Display Panel and Scoreboard** in the Ford Park Arena within the same space provided for the current panel.

Offeror will be responsible for the removal and disposal of existing equipment.

Equipment must be manufactured by the same company. Location of manufacturer must be included in proposal. If LED display broker or distributor is providing LED display, original location of manufacture and manufacturer name and credentials must be provided with proposal.

For all new equipment installations, the Successful Offeror, as Contractor is to provide thorough on-site training sessions for designated Ford Park Entertainment Complex staff persons.

Successful Offeror, as Contractor shall furnish all manpower, trucks, or any other equipment necessary for these installations.

Future Serviceability: Local distributor or manufacturer to provide future service must be no more than 150 miles from the Ford Park Entertainment Complex. In addition to APPENDIX A (Cost Proposal), the Offeror must provide a current rate sheet for all repairs covered outside of any initial service guarantee. Only proposals that include both APPENDIX A (Cost Proposal) and Current Rate Sheet will be considered. All future service by successful Offeror can only be charged for time spent on-site.

5. Specifications & Special Requirements

5.1 ITEM 1: EXTERIOR LED MESSAGE CENTER

Part 1: GENERAL

■ SECTION INCLUDES:

- A. LED message centers
- B. Control software

■ REFERENCES:

- A. Standard for Electric Signs, UL and CUL Listed
- B. Standard for Control Centers for Changing Message Type Signs
- C. Federal Communications Commission Regulation Part 15
- D. National Electric Code
- E. Designed to current UBC or IBC standards
- F. FCC Class A Compliant

■ SUBMITTAL:

- A. The electronic LED display manufacturer (Offeror) shall provide a complete technical submittal within sixty (60) days of contract award and shall not proceed with LED Matrix manufacture until Engineer assigned to the project (by the County) has approved the submittal.

B. Submit:

- 1. All LED display manufacturer qualifications, as specified herein.
- 2. LED display shop drawing.
- 3. LED display Riser diagram.
- 4. AC Site Power Requirements, including legs and Amps per leg.
- 5. LED display installation and maintenance manual.

■ QUALIFICATIONS:

A. LED Display Manufacturer (Offeror) shall:

- 1. Have been in the business of manufacturing permanently mounted outdoor LED displays for a minimum period of 10 years prior to the contract bid date. An "LED" display contains pixels constructed solely of high-intensity discrete LEDs.
- 2. Have in operation a minimum of 50 large outdoor permanently mounted LED displays as defined above. Each of these LED displays shall have operated successfully for a minimum period of five years prior to the contract bid date.
- 3. Have in operation, as of the contract bid date, a minimum of 50 outdoor LED display systems. All systems shall be owned and operated by five different agencies.
- 4. Have been in business under the same corporate name for a period of no less than 10 years prior to the contract bid date.
- 5. Provide a toll-free help desk number that will be staffed from 7 a.m. to 7 p.m.

B. Experience with manufacturing the following types of electronic sign products shall not satisfy the requirements of this LED display specification:

1. Indoor displays of any size or type.
2. Back-lit displays.
3. Any type of matrix display that cannot be programmed to show a nearly infinite quantity of messages.

Part 2: PRODUCTS

■ **PRODUCT:**

1. One single face, full color display
2. Provide product equal to : Daktronics Galaxy Model # GS6-160x275-15.85mm

■ **CABINET CONSTRUCTION:**

1. Display housing dimensions shall not exceed 10' feet tall by 14' feet wide. The front-to-back housing depth shall not exceed 6 inches.
2. Display weight shall not exceed 1450 lbs per face.
3. Maximum display power shall not exceed 4,165 watts per face when 100% of the pixels are operating at their maximum possible drive current.
4. Display shall operate from the following power sources: 120/240 VAC, 60 Hz single-phase, including neutral and earth ground.
5. Display shall operate in a minimum ambient temperature range of -40° to +120°F (-40 to +50°C) and to a 95% humidity.
6. Internal display component hardware (nuts, bolts, screws, standoffs, rivets, fasteners, etc.) shall be fabricated from stainless steel, aluminum, nylon, or other durable corrosion-resistant materials suitable for the signage application.
7. Electrical display components shall be 100% solid-state.
8. The presence of ambient radio signals and magnetic or electromagnetic interference, including those from power lines, transformers, and motors, shall not impair performance of the display system.
9. The display shall contain a full color LED matrix measuring a minimum of 160 pixel rows high by 275 pixel columns wide. The LED display shall display messages that are continuous, uniform, and unbroken in appearance.

A. Housing Frame

1. Display materials shall use non-corrosive materials or have a protective coating so they shall be anti-corrosive and not degrade or oxidize.
2. Adequate ventilation shall be provided through convection without the need to provide extra space around the sides or behind the display.
3. Steel mounting points that can be used for mounting purposes shall be provided with the display and have the ability to be adjusted for alternative mounting methods.
4. Shall include lifting supports that can be removed after installation.

B. Exterior Finish

The LED display border pieces shall be coated with an automotive-grade acrylic urethane paint.

C. Front Face Construction

1. To meet the display readability requirements, the front face must be constructed in such a manner that it provides high contrast, low sunlight reflection, and durability in all weather and site conditions.
2. Minimum features of front face shall:
 - a. Provide UV resistance to prevent discoloring.
 - b. Include louvers for contrast enhancement.
 - c. Use surface materials in the active LED area, such as metal, plastic, or other face materials, designed for low sunlight reflectivity.

D. Serviceability

1. The display housing shall provide safe and convenient front service access for all modular assemblies, components, wiring, and other materials located within the housing.
2. All internal components shall be removable and replaceable by a single technician with basic hand tools
3. Service access shall be easily obtained by removal of one or more modules in front of the associated internal component.
4. Each module should allow simple removal with a single latch system.
5. Displays shall be designed with service features that minimize potential bodily harm.

■ DISPLAY COMPONENTS:

A. LED display modules shall be constructed for good readability, long life, and ease of service. Each display module shall be constructed as follows:

1. Each module within the product family shall be designed with the same physical footprint of 12.48" x 15.59".
2. All modules and their components shall be fully encapsulated and sealed to meet IP-67 standards.
3. An LED module shall consist of LEDs with all drive electronics mounted on a single Printed Circuit Board (PCB).
4. LEDs shall be auto-inserted in order to maintain quality and uniformity of the LEDs within each LED module.
5. All PCBs shall be wave-soldered to ensure uniformity, quality, and durability of all solder joints.
6. All PCBs shall be cleaned in a manner so as not to contain more than 2 parts per million contaminants.
7. Module signal and electrical connections shall be of the positive locking and removable type. Removal of a module from the display shall not require a de-soldering operation.
8. Data to the modules shall be redundant in that the signal can reach the module from multiple directions in the event of a loss in signal path from either direction.
9. All LED display modules in a single display shall be identical in construction and interchangeable throughout the display with the ability to be field calibrated.
10. All module rows shall include continuous louvers over the LEDs for sunlight shading and enhanced contrast.
11. Modules shall be individually attached to the cabinet frame.

12. Removal of one or more modules shall not affect the display's structural integrity.
13. The distance from the center of one line or column of pixels to the center of all adjacent lines or columns shall be 15.85mm (0.62 inches) and shall not exceed 16.00mm both horizontally and vertically.
14. The failure of a single pixel, module or power supply shall not cause the failure of any other pixel, module or power supply in the display.
15. All modules shall have no less than a 140° horizontal half-intensity viewing angle and a readability angle of 160° horizontal.
16. The transition of the viewing intensity shall be consistent throughout the viewing cone.

B. Pixels shall be constructed with discrete LEDs, and these discrete LEDs shall conform to the following specifications:

1. LEDs shall be non-diffused, ultra-bright, solid-state light emitting diodes.
2. The red LEDs shall be constructed of AlInGaP technology and the green and blue LEDs shall be constructed of InGaN technology.
3. Each color of LEDs used in all LED displays provided for this contract shall be from the same bin.
4. LED half-life shall be an estimated minimum of 100,000 hours.
5. Display shall have a minimum intensity of 12,000 cd/m² for RGB maximum light output.

C. Power Supply:

1. All power supplies shall be regulated, auto-ranging AC to DC power, with protection for the LED pixel, LED display and driver circuitry in the event of power spikes or surges.
2. Each power supply and their connectors shall be fully sealed to protect from corrosive environmental factors meeting IP-67 standards.

D. Internal Wiring:

1. Wiring for LED display modules and other internal components shall be installed in the housing in a neat and professional manner.
2. Wiring shall not impede the removal of display modules, power supplies, or other display components.
3. Wires shall not make contact with or be bent around sharp metal edges.
4. All wiring shall conform to the National Electric Code.

E. The display shall be protected from electrical spikes and transients.

F. The manufacturer (Offeror) shall provide an earth-ground lug on the display.

■ **DISPLAY PERFORMANCE:**

A. Display Capability:

1. The display shall contain a full LED matrix measuring a minimum of 160 pixel rows high by 275 pixel columns wide.
2. The LED display shall present messages that are continuous, uniform, and unbroken in appearance.
3. The LED display shall be capable of producing 281 trillion colors for RGB.

4. Each display pixel shall be composed of one each – red, green, and blue LEDs.
5. The LED display shall be capable of displaying all true type fonts.
6. The display shall be able to display messages composed of any combination of alphanumeric text, punctuation symbols, graphic images, and pre-canned video files.
7. Video and message files shall have up to a 30 frame per second playback capability.

B. Controller:

1. The display's controller shall be able to run independently from a controlling computing device allowing the display to operate even when the controlling device is unhooked or turned off.
2. Communication protocol shall support other matrix products from the vendor such as other outdoor or indoor displays of varying sizes and/or colors.
3. Each controller shall be connected to a light sensor allowing each LED display to automatically adjust brightness according to display direction and lighting conditions.
4. The controller shall allow connection to a temperature sensor that provides accurate site temperatures.
5. Active presentations, stored presentations, schedules, display configuration, time and date shall be stored in non-volatile memory. No external power or battery backup will be required to maintain this data.

C. Control and Communications:

1. The display controller should be DHCP-enabled and allow for static IP addressing.
2. The LED controller shall be able to receive instructions from and provide information by accessing the Venus Control Suite using the following communication mode:
 - Cellular modem and life of sign data bundled.

■ CONTROL SOFTWARE:

A. General Software Requirements:

1. The control software for the displays shall be desktop browser based (Microsoft® Internet Explorer® v11, Google® Chrome®, Microsoft Edge®, and Mozilla Firefox® or latest) as well as mobile browser based (iOS Safari® and Android® Chrome®).
2. The control software shall require a local content editor installable on a Windows® machine (Windows 7 or 10 64-bit with latest updates).

B. General Software Features:

1. The control software shall be hosted on a secure server provided by the manufacturer.
2. Software shall monitor the status and content simultaneously on multiple displays.
3. Software shall provide features for creating, editing, scheduling, publishing, and deleting presentations.
4. Software shall include password protection capability and assign each user specific rights.
5. Software shall manage presentations and schedules on displays.
6. Software shall have the ability to create dynamic data fields in presentations to display dynamic content such as Time, Temperature, RSS, XML, and Atom.
7. Software shall allow access to an on-line media kit allowing the user to download pre-created content for any size of display. User shall be able to select specific content from a pre-defined list or choose to download all or updated content from the pre-defined list.

8. Software shall support multiple languages (English, French, Spanish, Chinese-Simplified, French, and Japanese).

C. Messaging:

1. Software shall have the ability to create and edit presentations with ease in a graphical representation of the display.
2. Software shall have the ability to preview entire presentations before being displayed.
3. Software shall have the ability to store an unlimited amount of messages.
4. Software shall allow for variable city code and zoning restrictions within presentations and applied to individual frames to be varied by .1 second intervals.
5. The software shall have the ability to manually or automatically dim the displays.
6. Presentation files shall have a minimum of one frame up to a maximum of frames that can fit within a 256 MB file size.
7. Presentations shall run in a continuous playlist.
8. Software shall use visual effects in presentations for entry and exit frame transitions.
9. Software shall have the ability to schedule presentations to run and stop by defining a starting time/date and an ending time/date.
10. The contents of a text box shall be capable of being left, center, or right justified horizontally or vertically.
11. Text shall have several possible display modes, including outline, drop shadow, bold, italic, and underline.
12. Software shall have the ability to copy and paste text from most Windows® applications.
13. Software shall have the ability to import images in BMP, JPEG, PNG, GIF, PSD, and TIF file formats.
14. Software shall have the ability to import videos in AVI, MP4, MOV, MPEG, MPG, and WMV file formats.
15. Presentations shall consist of a series of layouts, each containing a set of elements.
16. Each layout may have an image in the background with the ability to overlay text, graphics, and video elements.
17. Elements may be placed free form at any location within the presentation.
18. Elements may be overlapped.
19. Elements have a transparent background.

D. Display of Alphanumeric Text:

1. For presentation creation:
 - a. The display shall be supplied with a minimum of five (5) ASCII English alphanumeric character bitmap font sets.
 - b. The display shall be supplied with a minimum of fifteen (15) TrueType alphanumeric character font sets.
2. Each font shall include the following characters at a minimum:
 - a. The letters "A" through "Z" in both upper and lower case
 - b. Decimal digits "0" through "9"
 - c. A blank or space character
 - d. Punctuation marks: . , ! ? - ' ' " "

- e. Other characters, such as: # & * + / () [] < >
 - f. Interface to a full character map
3. Font files shall include data that provides inter-character spacing and inter-paragraph spacing.

E. Time, Temperature, and RTD Fields:

1. The software shall have the ability to display time and date in common standard and military formats within a presentation.
2. The software shall be able to program the sign controller to automatically adjust time zone offsets to synchronize with the local display time.
3. The software shall have the ability to accurately display ambient outside air temperature from an optionally installed temperature sensor in both Fahrenheit and Celsius.
4. A feature will be included to calibrate the temperature sensor up or down in the range +/- 9°C (+/- 16° F).

F. Display of Media:

1. The display and control software shall have the capability of displaying media files that can be formatted to fit any size of LED display by either cropping or resizing the original image.

Part 3: EXECUTION

■ **EXAMINATION:**

Mounting structure to be installed by contractor to support desired displays in all locations. Verify that all control equipment has access to 120 VAC.

■ **INSTALLATION:**

1. Support structure design depends on the mounting methods, display size, and weight. The structure design is critical and should be done only by a qualified individual. It is the customer's responsibility to ensure that the structure and mounting hardware are adequate.
2. It is the customer's responsibility to ensure that the installation meet local standards. The mounting hardware shall be capable of supporting all components to be mounted.
3. All mounted displays must be inspected by a qualified structural engineer (to be hired by the County)
4. Possible power and signal entrances are designated by etched markings. Separate conduit must be used to route the power, signal in wires, and signal out wires.
5. Displays must be grounded according to the provisions outlined in Article 250 of the National Electrical Code. The display must be connected to earth-ground. Proper grounding is necessary for reliable equipment operation and protects the equipment from damaging electrical disturbances and lightning.

**5.2 ITEM 2 (Alternate A): INDOOR LED VIDEO BOARD/REPLAY PANEL
(DISPLAY PANEL ONLY)**

Part 1: General Information

- a. Size: 9' height x 12' width
- b. Minimum resolution: 5mm
- c. Average power: 4,000 watts
- d. Max power: 16,000 watts

Part 2: Pixel Characteristics

- a. Each pixel shall consist of RGB-3 in 1 SMD style LED

Part 3: LED Cabinet/Panel Characteristics

- a. Gradations Per Color: 16,384
- b. Color Capacity: 16 bit (281 trillion colors)
- c. Refresh Rate: 4,800 Hz

Part 4: Video Processing

- a. Video Frame Rate: 60 frames per second
- b. Graphic Frame Rate: 30 frames per second
- c. Acceptable Video Inputs: Analog composite or Analog component or SDI (HD-SDI)

Part 5: Viewing Characteristics

- a. Contrast Ratio: 1,200:1
- b. Horizontal View Angle: 170 degrees
- c. Vertical View Angle: 140 degrees (+60/-80 off center)

5.2 **ITEM 2 (Alternate B): DISPLAY PANEL AND SCOREBOARD**

A. **General Information:**

This Alternate is to replace the fixed digit scoreboard, backlit ad panel and video board on main structure. Must interface with Allsport 5000 and output to the screen.

Cabinet Dimensions: 10'8.7" high, 27' 8" wide, 0'-6.9" (176 mm)) deep

Matrix size: 480x1248

Weight: 1,950 lbs

Power requirements: 11,741 Maximum Watts

B. **Cabinet Paint Color**

1. Over 150 colors to choose from

C. **Construction**

1. Steel and aluminum construction
2. Service Access: Front

D. **Display Capabilities**

1. Gradations Per Color: 16,384
2. Color Capability: 16 bit (281 trillion colors)
3. **LED Refresh Rate:** 4800 Hz as defined by the number of times per second the LED image is repainted in intensity
4. Display has signal redundancy allowing for signal path both forward and backwards through modules allowing for loss of only 1 module vs. rows or blocks of multiple modules or panels in case of failure.

E. **Pixel Resolution**

1. Pixel spacing measurement must be measured from the center points of neighboring physical pixels, rather than neighboring physical and virtual pixels.
2. Pixel Resolution will not exceed 7.00mm. Must provide details of resolution to the 1/100 decimal place.

F. **Viewing Characteristics**

1. Module Intensity: 1600 nits
2. Brightness Control: 256 levels (manual, scheduled or automatic)
3. Suggested Viewing Angle: 170° horizontal and +60°/-80° vertical

G. **Pixel Characteristics**

1. Each pixel consists of one RGB 3-in-1 surface-mount device LED.

2. Pixel spacing measurement must be measured from the center points of neighboring physical pixels, rather than neighboring physical and virtual pixels.

H. LED Module Characteristics

1. Contrast Ratio: 4000:1
2. Module shall be for indoor use.
3. Module shall have anti-reflective paint or coating applied to display face. Black state across all modules shall exhibit a Delta E color variation of no more than .4.
4. Modules shall have horizontal louvers running between LEDs or pixels.
5. Modules shall be able to be removed and installed from the front of the display.
6. It is not necessary to remove or insert screws in order to remove or install modules.

I. Video Processing

1. Video Frame Rate: 50/60 frames per second
2. Graphic Frame Rate: 30 frames per second
3. Processing Architecture: 22 bit (distributed)
4. System Architecture: 100% digital
5. Video Enhancement: Color space conversion, adjustable gamma correction, proprietary sharpening technology and enhancement algorithms for optimal picture quality

J. LED Quality

1. Quality Control: Sorted by intensity and color wavelength
2. LED Lifetime: 100,000 hours of operation as defined by time at which display intensity has decreased to 50 percent of the original intensity

K. Calibration

1. Pixel-to-pixel and module-to-module optical color calibration must be performed at the factory. The manufacturer must also provide easy-to-use calibration software that allows individual modules and pixels to be independently adjusted while in the display.
2. If modules should need replacement during the life of the display, the calibration software must match newer modules' brightness levels to older modules' levels to preserve picture quality and maintain a uniform display appearance.

L. Display Interface

1. The full-color video display must be able to interface and display real-time data from the control system without the need for a duplicate or redundant input.

PART 2: EXECUTION

2.01 EXAMINATION

- A.** Verify that mounting surface is ready to receive the display. Verify that placement of conduit and junction boxes are as specified and indicated in plans and shop drawings.

2.02 INSTALLATION

- A.** Power conduit, cables and outlet boxes to be provided and installed by the electrical contractor. Signal raceways, conduit and boxes to be provided by the electrical contractor. Electrical contractor is responsible for pulling signal wire and terminators between each display and control location. Display vendor to terminate signal wire of controller and conduit to display.
- B.** Mount interior displays to wall in location detailed and in accordance with manufacturer's instructions. Unit to be plumb and level.

2.03 INSTALLATION—CONTROL CENTER

- A.** Provide boxes, cover plates and jacks as required to meet control specification requirements. Control cables to control panels must be concealed.
- B.** Test the operation of the display, controller and all control jacks; leave control unit and other loose items with owner's designated representative.
- C.** Conduct operator training on the display/controller operation.
- D.** Manufacturer must supply all required signal conversion hardware to allow for direct wire control of electronic display.
- E.** Must provide a DVI connection point installed at the truck bay

Appendix A: Cost Proposal – ADDENDUM NO. 1

Using this form, each Offeror must state its proposed charges. Each Offeror's charges must include the entire cost of providing the services identified in this RFP.

Cost/Fee Proposals may be submitted in any form(s). Cost will be a factor in the County's selection process.

	Total Cost for Design, Equipment, & Equipment Installation
Item 1: Exterior LED Message Center for Existing Ford Park Entertainment Complex Marquee	\$ _____.

	Total Cost for Warranty (As Described in this Proposal)
Warranty for Item 1: Exterior LED Message Center for Existing Ford Park Entertainment Complex Marquee	\$ _____.

Offeror: Utilizing either the space provided below OR a separate (titled/labeled) attachment, please provide a FULL DESCRIPTION of the warranty and warranty terms that are being offered for the Warranty Cost Amount provided above for Item 1.

Offeror Must Complete and Return This Page With Offer.

Appendix A: Cost Proposal – ADDENDUM NO. 1 (Continued)

Using this form, each Offeror must state its proposed charges. Each Offeror's charges must include the entire cost of providing the services identified in this RFP.

Cost/Fee Proposals may be submitted in any form(s). Cost will be a factor in the County's selection process.

	Total Cost for Design, Equipment, & Equipment Installation
Item 2 (Alternate A): Indoor LED Video Board/Replay Panel (Display Panel Only)	\$ _____

	Total Cost for Warranty (As Described in this Proposal)
Warranty for Item 2 (Alternate A): Indoor LED Video Board/Replay Panel (Display Panel Only)	\$ _____

Offeror: Utilizing either the space provided below OR a separate (titled/labeled) attachment, please provide a FULL DESCRIPTION of the warranty and warranty terms that are being offered for the Warranty Cost Amount provided above for Item 2 (Alternate A).

Offeror Must Complete and Return This Page With Offer.

Appendix A: Cost Proposal – ADDENDUM NO. 1 (Continued)

Using this form, each Offeror must state its proposed charges. Each Offeror's charges must include the entire cost of providing the services identified in this RFP.

Cost/Fee Proposals may be submitted in any form(s). Cost will be a factor in the County's selection process.

	Total Cost for Design, Equipment, & Equipment Installation
Item 2 (Alternate B): Display Panel and Scoreboard	\$ _____

	Total Cost for Warranty (As Described in this Proposal)
Warranty for Item 2 (Alternate B): Display Panel and Scoreboard	\$ _____

Offeror: Utilizing either the space provided below OR a separate (titled/labeled) attachment, please provide a FULL DESCRIPTION of the warranty and warranty terms that are being offered for the Warranty Cost Amount provided above for Item 2 (Alternate B).

Offeror Must Complete and Return This Page With Offer.

Appendix A: Cost Proposal – ADDENDUM NO. 1 (Continued)

Offeror must provide a current rate sheet for all repairs covered outside of any initial service guarantee. Only proposals that include both APPENDIX A (Cost Proposal) and Current Rate Sheet will be considered. All future service by successful Offeror can only be charged for time spent on-site.