REQUEST FOR PROPOSALS
FOR MANUFACTURE AND INSTALLATION OF ILLUMINATED SIGN

Notice is hereby given that the Santa Rosa County Board of County Commissioners is calling for and requesting proposals for the manufacture and installation of a new illuminated full color LED sign for the Santa Rosa Tourist Development Council / Navarre Visitor's Center.

All proposals must be in writing and delivered by hand, Fed Ex, or mail to the Santa Rosa County Procurement Department, 6495 Caroline Street Suite G, Milton, Florida 32570, and must be received by 10:00 a.m., July 30, 2013. Only proposals received by the aforestated time and date will be considered. Proposals received after the time set for the proposal opening will be rejected and returned unopened to the submitter. All proposals shall be sealed and clearly labeled, "**RFP- ILLUMINATED SIGN".** Please provide one original, eleven (11) copies of the proposal, and one (1) CD with all of the above information included,(each document must be in an individual PDF format file). The proposal will be publicly opened at this time.

Specifications may be secured from Santa Rosa County Website (www.santarosa.fl.gov/bids) or at the Santa Rosa County Procurement Department at the above address. Telephone (850) 983-1870

Questions concerning this request may be directed to Ms. Kate Wilkes, at (850) 939-3267.

The Board of County Commissioners reserves the right to waive irregularities in bids, to reject any or all bids with or without cause, and to award the bid that it determines to be in the best interest of Santa Rosa County.

Santa Rosa County Board of County Commissioners encourages all segments of the business community to participate in its procurement opportunities, including small businesses, minority/women owned businesses, and disadvantaged business enterprises. The Board does not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts.

By order of the Board of County Commissioners of Santa Rosa County, Florida

LEGAL NOTICE
One issue – June 29, 2013 - Press Gazette, July 3, 2013 - Navarre Press, July 3, 2013
Gulf Breeze News

Bill and proof to Santa Rosa County Procurement Office, 6495 Caroline Street, Suite G, Milton, Florida, 32570, Attention: Orrin L. Smith.

Request for Proposals and Pricing to Manufacture and Install new Illuminated ID Signs and Full Color LED Display for Santa Rosa County TDC / Navarre Visitor's Center

Project Address: 8543 Navarre Parkway, Navarre, FL 32566

General Description and Scope of Work: Provide time, materials, personnel and labor to A: manufacture a new double sided internally illuminated ID sign displaying the Visitor's Center's name / graphics. B: Provide new double sided full color RGB LED display, wireless modem, software and software training. C: Provide time, materials, personnel and labor to remove the existing sign and dispose. D: Provide time, materials, personnel and labor to install new double sided illuminated ID sign and install new full color LED display on steel supports. Installation of wireless modem at designated computer location to be included.

Visitor Center Sign Specifications: Dimensions of sign to be 4'-0" height X 10'-0" wide X 2'-0" cabinet depth. Sign to be custom shaped and to be fabricated with a 2" X 2" X 3/16" wall angle iron frame with a white primer finish. Frame to be wrapped and enclosed with .090 gauge aluminum including 2" removable retainers, which will be spray painted with a base primer and finished (spray painted) with an automotive grade urethane enamel in gloss finish. Sign to be internally illuminated with 800 MA high output CW fluorescent lamps installed vertically on 10" centers and powered by HO all-weather ballasts. Sign faces to be pan-formed 3/16" thick polycarbonate (GE Lexan or equivalent) with graphics applied on the 1st surface. Graphics films to be Oracal brand 8800 translucent series. All colors to be specified and approved by the customer prior to production of the sign. Photocell included.

LED Displays: Provide quantity of (1) double faced LED display. Display to be 20 MM resolution with a 48 X 112 pixel matrix and 68 billion color levels. 1 - double faced cabinet construction. Outside cabinet dimensions to be 3'-10" Ht. X 8'-0" wide X 13" cabinet depth with an active viewing area of 3'-1" X 7'-3". Software, installation and on-site training to be included. RF wireless communication kit and installation to be included. All shipping and delivery charges to be included. See detailed specifications attached. Warranty: LED display shall carry a manufacturer's warranty of five (5) years including all parts and a one (1) year warranty on field labor. Extended 3 -year parts warranty through the manufacturer may also be purchased at customer's discretion.

Installation of Sign and LED Displays: Complete installation ofVisitor's Center ID sign and LED display to be included - including removal and disposal of the existing sign. Time, field materials, personnel and labor to install the LED display and Center ID sign secure on the new steel structure to be all inclusive. Electrical circuit to the sign from source to be by others (if existing circuit is inadequate). Visitor's Center ID sign and LED display must be "live", operating and functioning properly - included. All work related debris to be removed from the jobsite prior to

leaving the property and property to be left in a clean and orderly manner. Footer and steel shall be designed and specified in accordance with engineering requirements as set forth in the current Florida Building Code (FBC) 2010 with 2012 amendments. Sign to be installed on 2 - steel pipes or steel tubes of adequate size and wall thickness and direct -buried below grade in concrete foundation. Foundation shall be of adequate size and concrete volume and shall include rebar mats.

Permits and Engineering: The cost of sign erection permits, professional sealed engineer's drawings and Notice of Commencement recording fees must be all inclusive in the project price and cannot be invoiced as separate above and beyond the project price. Engineer's drawings and permits must be applied for and secured within 7 business days of being awarded this project and upon request, vendor/contractor must provide proof thereof.

Time Frame: This project must be completed within a timeframe of 6 to 8 weeks from day that project is awarded.

Schedule and Proof of Progress: Upon request during the manufacturing/production phases, vendor/contractor must provide a written report via email to the customer. The requested report will include status of materials ordered and/or in stock, status of sign production, I.e., "framework in progress", "LED displays ordered". Customer may request to see digital photos of the sign's production progress and/or may request to make an in-person visit to vendor's shop to personally inspect materials and production of the sign.

Vendor / Contractor Qualifications: Vendors to be considered for this project must meet the following criteria: A: must be a state of Florida registered contractor and must posses a valid state of Florida Contractor's License. Unlicensed "sign brokers" with intent to subcontract out the installation to a licensed contractor is not permitted. B: must possess a valid Santa Rosa County business/occupational license. C: Insurance: must provide proof of current general liability and workers compensation insurance with a general aggregate of $2,000,000 liability and $500,000 workers comp. Must be able to provide a certificate of insurance to customer and list customer as certificate holder. D: Vendor/contractor must provide. proof of technical training for servicing LED displays within the last 2 -years.
E: Failure to provide requested documentation as proof of the above will automatically disqualify prospective vendor/contractor from being awarded this project.

Project References: Upon request, vendor/contractor must provide a list of project references, addresses, contact and phone numbers. The project reference list must provide a minimum of 25 sign and LED display combination projects that the vendor/contractor has successfully executed and installed with the proposed LED manufacturer's products.

Emergency Management Communication with LED Display: Remote log-in to LED display via assigned IP address can be provided by third party vendor at a specified price upon request.

MINIMUM SPECIFICATIONS

1.05 QUALITY ASSURANCE

A. Source Limitations: Obtain electronics displays and equipment through one source from a single manufacturer.
B. UL and CUL recognized
C. NEC compliant
D. FCC Class A Compliant
E. Designed to UBC or IBC standards

1.06 WARRANTY/SERVICE PLAN

A. There shall be a five-year parts coverage of electronic components
B. There shall be a five-year exchange program that provides replacement parts for components that fail during the coverage. To minimize downtime, the exchange parts shall be shipped on the same day the order is received or on the following day. The manufacturer shall also enclose an air bill for return for the defective components.
C. A help desk staffed by experienced technicians and coordinators thoroughly familiar with the display shall be available for technical support. This staff is available at no cost to the customer.

PART 2 PRODUCTS

2.01 CABINET CONSTRUCTION

A. General Specifications
    1. Both display faces shall be housed in a single back-to-back cabinet construction.
    2. Display housing dimensions shall not exceed 46 inches tall by 96 inches wide. The Face A-to-Face B total housing depth shall not exceed 13 inches.
    3. Display weight shall not exceed 460 pounds.
    4. Maximum display power shall not exceed 1,800 watts when 100% of the pixels are operating at their maximum possible drive current.
    5. Display shall operate from one of the following power sources: 120V AC, 120/240 VAC, 50/60 Hz single-phase, including neutral and earth ground.
    6. The display housing shall meet NEMA 3R standards.

7. Display shall operate in a minimum ambient temperature range of –40 to +120° F (-40 to +50° C) and to a 95% humidity.
8. No heating element shall be required to ensure operation of LED display.
9. 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.
10. Electrical display components shall be 100% solid-state.
11. 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. The display system shall not radiate electromagnetic signals that adversely affect any other electronic device.
12. The display shall contain a full LED matrix measuring a minimum of 48 pixel rows high by 112 pixel columns wide. The LED display shall display messages that are continuous, uniform, and unbroken in appearance.

B. Housing Frame

1. The frame shall be of unibody construction with framing and vertical supports to provide cabinet rigidity.
2. The basic frame shall be made from 0.09″ or 0.125″ thick aluminum with the external sheets being made from 0.05″ or 0.09″ thick aluminum.
3. To meet the anti-corrosive, degradation, and oxidation requirements, the display housing aluminum sheet quality shall be no less than the properties of ally 5052-H32.
4. Adequate ventilation shall be provided, either through convection or with fans on the bottom border of the display. Display should not require perimeter spacing for airflow.
5. Steel Mounting Brackets and Aluminum Brackets that can be used for mounting purposes shall be provided with the display.
6. Shall include lifting supports that can be removed after installation.

C. Exterior Finish

1. The LED display cabinet and front face border pieces shall be coated with an automotive-grade acrylic urethane paint.

D. Front Face Construction

1. To meet the display readability requirements, each 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. Provide water shedding ability (designed to meet NEMA 3R Standards)
    e. Water-tightness shall be achieved by weather-stripping around each module and a self sealing latching mechanism.

E. 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. Displays shall be designed with service features that minimize potential bodily harm.

2.02 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. An LED module shall consist of LEDs with all drive electronics mounted on a single Printed Circuit Board (PCB).
2. LEDs shall be auto-inserted in order to maintain quality and uniformity of the LEDs within each LED module.
3. All PCBs shall be wave-soldered to ensure uniformity, quality, and durability of all solder joints.

4. All PCBs shall be cleaned in a manner so as not to contain more than 2 parts per million contaminants.
5. All PCBs shall be conformal coated to protect electronics against corrosion.
6. 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.
7. All LED display modules in a single display shall be identical in construction and interchangeable throughout the display.
8. All module rows shall include louvers for sunlight shading and enhanced contrast.
9. Modules shall be individually attached to the cabinet frame.
10. Removal of one or more modules shall not affect the display's structural integrity.
11. The distance from the center of one line of pixels to the center of all adjacent lines shall be 20 mm (0.78 inches) both horizontally and vertically.
12. The failure of a single pixel shall not cause the failure of any other pixel in the display.
13. All modules shall have a minimum of 40° vertical and 90° horizontal half-intensity viewing angles and readability angles of 50° vertical and 120° horizontal.
14. 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 A1InGaP technology and the green and blue LEDs shall be constructed of InGaN technology.
3. The LED lens diameter shall be 0.205 inches (5.2 mm).
4. LEDs shall emit red, green, and blue light that have peak wavelengths of 630±4 nm, 525±4 nm, and 470±4 nm respectively.
5. Each color of LEDs used in all LED displays provided for this contract shall be from the same bin.
6. LED half-life shall be an estimated minimum of 100,000 hours.
7. Display shall have a minimum light output intensity of 9,500 cd/m^2.

C. Regulated, auto-ranging AC to DC Power Supplies shall power the LED modules and protect the LED pixel, LED display, and driver circuitry in the event of power spikes or surges.

1. Regulated DC power supplies shall conform to the following specifications:

a. Maximum output power rating of 135 Watts.
b. Operating input voltage range: +90 to +264 VAC
c. Power supply efficiency: 82% minimum
d. Power factor rating: >0.95 at maximum load capacity
e. Output over current lockout with automatic hiccup at 37 amps maximum
f. Output over voltage lockout with automatic hiccup at 8.5 volts maximum
g. UL recognized

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. Module power and signal wiring shall be cut to a length, labeled and installed such that it is not possible to connect a module to the wrong set of wires.
5. All wiring shall conform to the National Electric Code.

2.03 DISPLAY PERFORANCE

A. Display Capability

1. The display shall contain a full LED matrix measuring a minimum of 48 pixel high by 112 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 over 68 Billion shades of color.
4. Each display pixel shall be comprised of RGB LEDs for full color. Other pixel technologies, such as fiber optic, flip disk, combination flip disk fiber optic, combination flip disk LED, liquid crystal, and incandescent lamp will not be accepted.

5. The centers of all adjacent rows and columns shall be spaced 20 mm (0.78 inches) apart, both vertically and horizontally.
6. The LED display shall be capable of displaying alphanumeric character fonts ranging in height from 5″ –37″.
7. The display shall be able to display messages composed of any combination of alphanumeric text, punctuation symbols, graphic images, and pre-canned video files.
8. Video and message files shall have up to a 30 frame per second playback capability.
9. Displays shall be legible under the following conditions:
    a. 24 hours per day and in most normally encountered weather conditions.
    b. During dawn and dusk hours when sunlight is shining directly on the display face or when the sun is directly behind (silhouetting) the display.

B. Controller

1. The controller shall be able to run independently from the controlling computer allowing the display to operate even when the computer is unhooked or turned off.
2. All signal inputs shall be optically or magnetically isolated.
3. Communication protocol shall support other products from the vendor such as other outdoor or indoor displays of varying sizes and/or colors.
4. The controller shall be able to operate via Ethernet (copper or fiber), or Wireless Ethernet Bridge.
5. Each controller shall be connected to a light sensor allowing each LED display to automatically adjust to a minimum of 64 levels of brightness according to display direction and lighting conditions.
6. The controller shall allow connection to a temperature sensor that provides accurate site temperatures.
7. The controller shall have the capability of being connected to an NTP Server to support company-wide time systems.
8. 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.
9. Controller shall have 2GB of memory.
10. Controller can be configured with a unique name for the display.

11. When powered on, the display will present the following information at a minimum on the display face:
    a. Product name
    b. Size of pixel matrix
    c. Color shading
    d. Bootloader version
    e. Firmware number
    f. Firmware revision
    g. Hardware address
    h. Software address
    i. IP address
    j. Subnet Mask
    k. COM1 configuration
    l. COM2 configuration
    m. Socket 3001
    n. Socket 3002
    o. Line frequency
    p. Display description

C. Control and Communications

1. Each single-face display shall be controlled and monitored by its own LED controller.
2. A single LED controller shall control double-face displays.
3. The LED controller shall be a stand-alone processor, which does not require continuous communication with control software in order to perform all functions.
4. The LED controller shall be able to receive instructions from and provide information to a computer containing control software using the following communication modes:
    a. **Ethernet –** Via 10base-T, 100base-T Ethernet connection, 10base-T Wireless Ethernet Bridge connection, or fiber optic 10base-FL. Controller shall auto-negotiate between 10-100base T for copper based Ethernet systems.

2.04 CONTROL SOFTWARE

A. General Software Features

1. The control software for the displays shall be Windows® based.

2. Software shall have the ability to automatically detect and configure displays within a local area network or configure displays with the use of a Display Creation Wizard.
3. Software shall provide features for creating, editing, scheduling, publishing, and deleting presentations.
4. Software shall include profanity protection.
5. Software shall include password protection capability and assign each user specific rights.
6. Software shall manage presentations and schedules on displays.
7. Software shall have the ability to create dynamic data fields in presentations to display dynamic content (time, date, and temperature).
8. Software shall allow access to an on-line media kit allowing the user to download pre-created content for any size 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.

B. 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 or schedules before being displayed.
3. The display shall have the ability to store approximately 2GB of display content.
4. Presentations can be varied by 0.1 second intervals with variable zoning restrictions applied to individual frames.
5. Presentation files shall have a minimum of one frame up to a maximum of frames that can fit within a 256 MB file size.
6. Presentations shall run in a continuous playlist.
7. The software shall have the ability to schedule up to 200 presentations in a single schedule.
8. Software shall use visual effects in presentations for entry 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.
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 AVI, GIF, PNG, BMP, MOV, WMP, and MPG file formats.
14. Presentations may be retrieved from the display for editing.
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. Windows may be placed free form at any location within the frame.
18. Windows may be overlapped.
19. Text windows have a transparent background.

C. Display for Alphanumeric Text

1. For presentation creation, the display shall be supplied with a minimum of five (5) ASCII English 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.

D. Time, Date, and Temperature

1. The software shall have the ability the display time and date in common standard and military formats within a presentation.
2. The software shall be able to program the controller to automatically adjust time zone offsets by:
    a. Automatically synchronizing with PC time.
    b. Setting controller by current location based on GMT.
3. The software shall have the ability to accurately display local temperature from an 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).

E. Display of Graphic Images

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

F. Presentation Modes

1. Entry Modes

    a. Change / Instant
    b. Dissolve
    c. Gradient
    d. Scroll
    e. Roll
    f. Wand
    g. Unveil
    h. Page Turn
    i. Venetian
    j. Rotate
    k. Zoom
    l. Splice
    m. Slot Machine
    n. Radar Wave

G. Display Communication and Protocol

All communications between the display control software and display(s) shall be accomplished using a protocol meeting the following specifications:

1. Communications shall include multi-layer protocol consisting of data-link and application layers at a minimum.
2. The data-link protocol will use a check summing technique to guarantee packet integrity. Packets must be discarded if the packet's check sum is not valid.
3. Each display on the network will be assigned a unique IP address.

4. Each display must respond to every packet addressed to it, except in the case of broadcast addressing. Displays must never initiate communication on the network. Each response will indicate the success or failure of the display to act upon the received packet.
5. A software address may be assigned to each display. The address will override the physical address.
6. Broadcast addressing will allow multiple displays to receive a single packet.

H. Diagnostics and Status Information

The software shall be capable of displaying operational status of each display. This shall minimally include the following information:

1. **Display Name –** Name of the display as entered by the operator
2. **Address –** An identification number associated with a specific sign by which the software locates the sign to establish communications
3. **Communications Status –** Pictorially represented as "Normal" or "Failed"
4. **Current Message –** As { name of message being displayed } or "Blank"
5. **Time and Date –** As running on the display
6. **Last Reset –** Date and time of last communications with sign
7. **Available Memory –** Pictorially and numerically represented memory available in the LED controller
8. **Brightness –** The intensity control of the LEDs at which the display is currently operating, set as "Automatic" or "Manual"
9. **Firmware Version –** Current firmware version of the LED controller
10. **Schedule Status –** Indicates if a schedule is active at the display

PART 3 EXECUTION

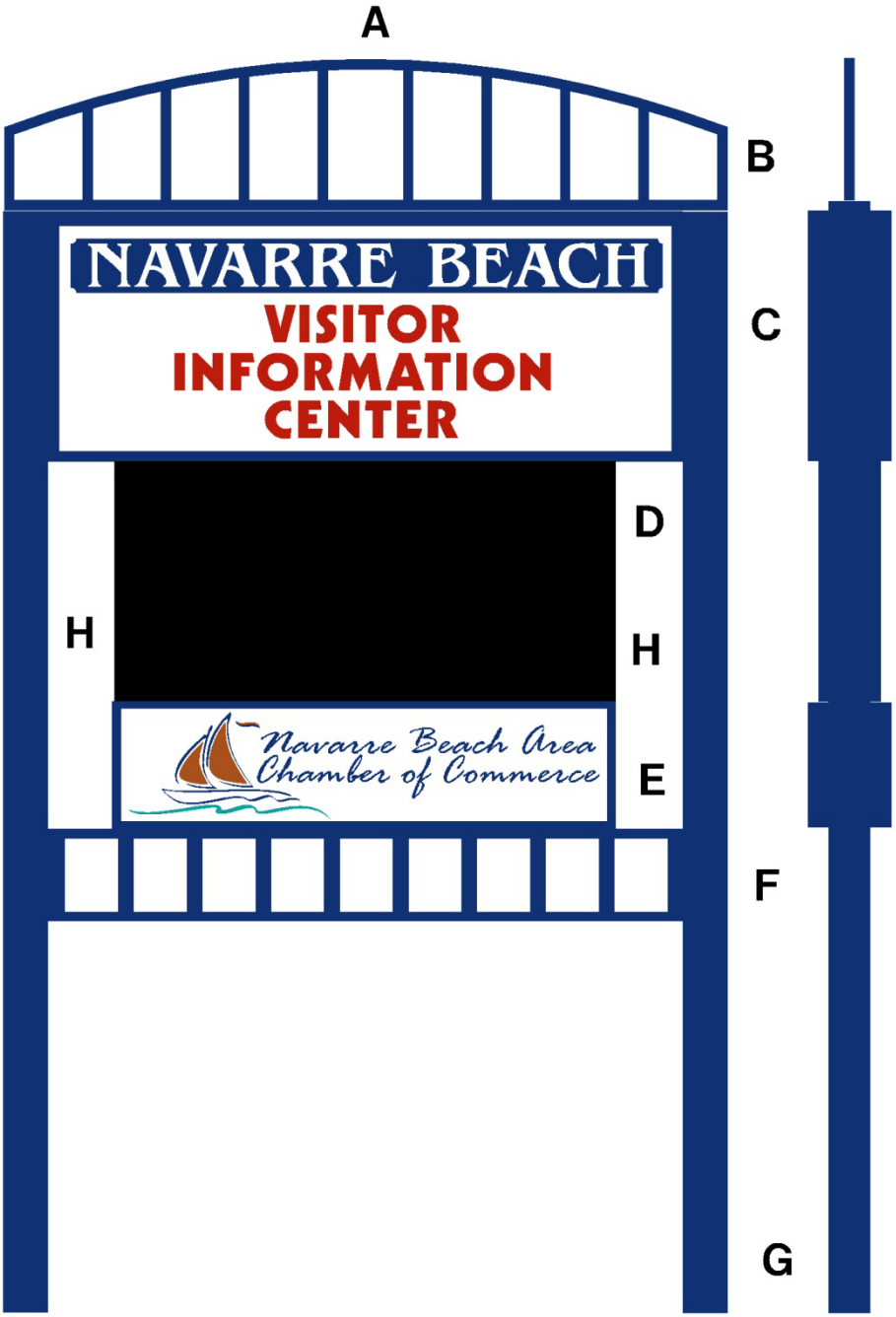
3.01 EXAMINATION

A. Mounting structure to be installed by contractor to support desired displays in all locations. Verify that separate conduit is in place for power and data to display, unless fiber is being used. Verify that all control equipment has access to 120 VAC.

3.02 INSTALLATION

A. 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.
B. 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.
C. All mounted displays must be inspected by a qualified structural engineer.
D. 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.
E. 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.

END OF SECTION


A
B
NAVARRE BEACH
VISITOR
INFORMATION
CENTER
C
D
H
H
Navarre Beach Area
Chamber of Commerce
E
F
G

General Specifications

A. Overall Height of the sign in 20’ tall.
B. Decorative steel truss fabricated from 2” square tubing. The truss will be mounted in the center of the sign structure.
C. Double face electric sign, internally illuminated with H.O. 800 MA CW fluorescent lamps powered by all weather ballasts. 48” x 120”
D. Double face, single cabinet 20MM Electronic Message Center. 3’10” x 8’ x 12”
E. Double face electric sign, internally illuminated with H.O. 800 MA CW fluorescent lamps powered by all-weather ballasts. 24” x 96”
F. Decorative steel truss fabricated from 2” square tubing. The truss will be mounted in the center of the sign structure.
G. Sign support structure. 8” steel square tubing (pending engineer approval) installed in a steel reinforced concrete footer designed and specified in accordance with engineer requirements set forth in the current Florida Building Code 2010 with 2012 amendments.
H. Open area between steel sign structure and sign cabinet

SANTA ROSA COUNTY
BOARD OF COUNTY COMMISSIONERS
INSURANCE REQUIREMENTS

INSURANCE REQUIREMENTS

(1) THE CONTRACTOR SHALL OBTAIN AND MAINTAIN SUCH INSURANCE AS WILL PROTECT IT FROM: (1) CLAIMS UNDER WORKER'S COMPENSATION LAWS; (2) CLAIMS FOR DAMAGES BECAUSE OF BODILY INJURY, OCCUPATIONAL SICKNESS OR DISEASE OR DEATH OF HIS EMPLOYEES INCLUDING CLAIMS INSURED BY USUAL PERSONAL INJURY LIABILITY COVERAGE; (3) CLAIMS FOR DAMAGES BECAUSE OF BODILY INJURY, SICKNESS OR DISEASE, OR DEATH OF ANY PERSON OTHER THAN HIS EMPLOYEES INCLUDING CLAIMS INSURED BY USUAL PERSONAL INJURY LIABILITY COVERAGE; AND (4) FROM CLAIMS FOR INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY INCLUDING LOSS OR USE RESULTING THEREFROM—ANY OR ALL OF WHICH CLAIMS MAY ARISE OUT OF, OR RESULT FROM, THE SERVICES, WORK AND OPERATIONS CARRIED OUT PURSUANT TO AND UNDER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, WHETHER SUCH SERVICES, WORK AND OPERATIONS BE BY THE CONTRACTOR, ITS EMPLOYEES, OR BY SUBCONTRACTOR(S), OR ANYONE EMPLOYED BY OR UNDER THE SUPERVISION OF ANY OF THEM, OR FOR WHOSE ACTS ANY OF THEM MAY BE LEGALLY LIABLE.

(2) THIS INSURANCE SHALL BE OBTAINED AND WRITTEN FOR NOT LESS THAN THE LIMITS OF LIABILITY SPECIFIED HEREINAFTER, OR AS REQUIRED BY LAW, WHICHEVER IS GREATER.

(3) THE CONTRACTOR SHALL REQUIRE, AND SHALL BE RESPONSIBLE FOR ASSURING THROUGHOUT THE TIME THE AGREEMENT IS IN EFFECT, THAT ANY AND ALL OF ITS SUBCONTRACTORS OBTAIN AND MAINTAIN UNTIL THE COMPLETION OF THAT SUBCONTRACTOR'S WORK, SUCH OF THE INSURANCE COVERAGE'S DESCRIBED HEREIN OR AS ARE REQUIRED BY LAW TO BE PROVIDED ON BEHALF OF THEIR EMPLOYEES AND OTHERS.

(4) THE CONTRACTOR SHALL REQUIRE THE INSURANCE AGENT/BROKER TO PROVIDE REPLACEMENT CERTIFICATES OF INSURANCE ON A TIMELY BASIS, PREFERABLE NO LATER THAN FIVE (5) DAYS PRIOR TO POLICY TERMINATION.

(5) IF COUNTY HAS ANY OBJECTION TO THE COVERAGE AFFORDED BY OTHER PROVISIONS OF THE INSURANCE REQUIRED TO BE PURCHASED AND MAINTAINED BY CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS ON THE BASIS OF ITS NOT COMPLYING WITH THE CONTRACT DOCUMENTS, COUNTY SHALL NOTIFY CONTRACTOR IN WRITING THEREOF WITHIN THIRTY (30) DAYS OF THE DELIVERY OF SUCH CERTIFICATES TO COUNTY. CONTRACTOR SHALL PROVIDE TO THE COUNTY SUCH ADDITIONAL INFORMATION WITH RESPECT TO ITS INSURANCE AS MAY BE REQUESTED.

(6) THE CONTRACTOR SHALL OBTAIN AND MAINTAIN THE FOLLOWING INSURANCE COVERAGE'S AS PROVIDED HEREIN BEFORE, AND IN THE TYPE, AMOUNTS AND IN CONFORMANCE WITH THE FOLLOWING MINIMUM REQUIREMENTS:

A. FLORIDA STATUTORY WORKER'S COMPENSATION AND EMPLOYERS LIABILITY WITH LIMITS REQUIRED BY CHAPTER 440. FLORIDA STATUTES IN ADDITION, COVERAGE UNDER THE U.S. LONGSHOREMEN & HARBOR WORKERS' AND JONES ACT, MAY BE REQUIRED COVERAGE'S BY LAW OR REGULATION FOR THE WORK SPECIFIED IN THE CONTRACT. CONTRACTOR AND SUBCONTRACTORS MAY PROVIDE A VALID CERTIFICATE OF EXEMPTION ISSUED BY THE STATE OF FLORIDA IN LIEU OF WORKERS' COMPENSATION INSURANCE COVERAGE. (THIS EXEMPTION APPLIES TO SOLE PROPRIETORS AND CORPORATE OFFICES ONLY. STATUTORY WORKERS' COMPENSATION COVERAGE MUST BE PURCHASED FOR 1 OR MORE EMPLOYEES.)

B. COMMERCIAL GENERAL LIABILITY WITH MINIMUM COMBINED SINGLE LIMITS OF $1,000,000, INCLUDING COVERAGE PARTS OF BODILY INJURY, BROAD FORM PROPERTY DAMAGE, PERSONAL INJURY, INDEPENDENT CONTRACTORS, BLANKET CONTRACTUAL LIABILITY AND PRODUCTS AND COMPLETED OPERATIONS. THE COVERAGE FOR UNDERGROUND DAMAGE, EXPLOSION AND COLLAPSE SHALL NOT BE REMOVED BY EXCLUSION.

C. AUTOMOBILE LIABILITY WITH MINIMUM COMBINED SINGLE LIMITS OF $500,000 FOR ALL HIRED, OWNED AND NON-OWNED VEHICLES.

D. EXCESS OR UMBRELLA LIABILITY WITH MINIMUM LIMITS OF $2,000,000 WHICH ARE NO MORE RESTRICTIVE THAN THE UNDERLYING LIMITS. UMBRELLA COVERAGE SHALL DROP DOWN TO PROVIDE COVERAGE WHERE THE UNDERLYING LIMITS ARE EXHAUSTED.

E. PROFESSIONAL LIABILITY INSURANCE WITH MINIMUM LIMITS OF $500,000 FOR ENGINEERS, ARCHITECTS OR OTHER PROFESSIONALS EMPLOYED BY THE CONTRACTOR, IF ANY.

F. BUILDERS RISK INSURANCE UNDERWRITTEN ON THE "ALL RISKS OF PHYSICAL LOSS" BASIS FOR REPLACEMENT COST FOR THE FULL VALUE OF THE COMPLETED PROJECT TO COVER THE OWNER AND CONTRACTOR AS THEIR INTEREST MAY APPEAR. AN INSTALLATION FLOATER MAY BE AN ALTERNATIVE IF APPROPRIATE TO THIS SPECIFIC CONTRACT.