

# Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
ONE CAPITOL HILL  
PROVIDENCE RI 02908

**CREATION DATE :** 29-APR-15  
**BID NUMBER:** 7549535  
**TITLE:** SAGE DIGITAL ENDEC ALERT SYSTEM  
ENCODER/DECODER - RIEMA  
  
**BID CLOSING DATE AND TIME:**21-MAY-2015 11:30:00

**BUYER:** McGurn, Cheryl A  
**PHONE #:** N/A

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DOA CONTROLLER  
ONE CAPITOL HILL, 4TH FLOOR  
SMITH ST  
PROVIDENCE, RI 02908  
US

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RI EMERGENCY MANAGEMENT AGENCY  
645 NEW LONDON AVENUE  
CRANSTON, RI 02920  
US

**Requisition Number: 1411560**

Note to Bidders: Questions concerning this solicitation may be emailed to Cheryl.mcgurn@purchasing.ri.gov no later than May 11, 2015 @ 3:00 pm (ET). Questions should be submitted in a Microsoft word attachment. Please reference the RFQ # on all correspondence. Questions received if any, will be posted on the Internet as an addendum to this solicitation. It is the responsibility of all interested parties to download this information.

Line	Description	Quantity	Unit	Unit Price	Total
1	SAGE DIGITAL ENDEC (NEXT GENERATION EMERGENCY ALERT SYSTEM ENCODER/DECODER) - NO SUBSTITUTIONS	1.00	Each		

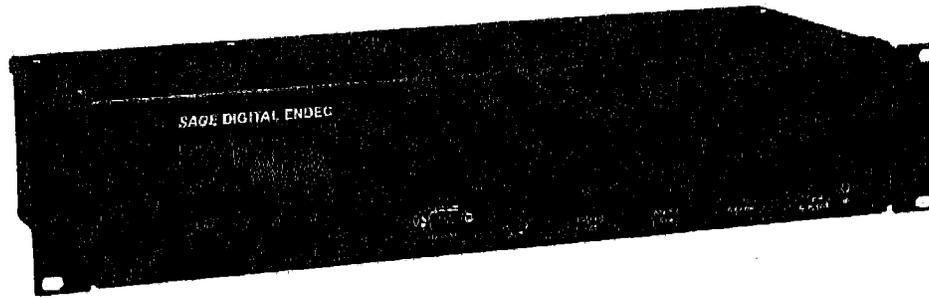
Delivery: \_\_\_\_\_

Terms of Payment: \_\_\_\_\_

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

# Sage Digital ENDEC

Next Generation Emergency Alert System Encoder/Decoder



**The Sage Digital ENDEC** incorporates the legacy and reliability of the original best selling Sage ENDEC with the latest developments in EAS and CAP alerting. The Sage Digital ENDEC uses an Internet connection to allow remote, secure activation, system monitoring and uploading of software releases.

**Experience**, the same team that developed the original ENDEC (the first FCC certified Part 11 device) and has supported EAS since it was first deployed, continues with the next generation Digital ENDEC. Sage is a founding member of the ECIG industry interoperability group.

**Networked**, allows for remote monitoring, setup, and alert activation by busy staff, or control of multiple stations and ENDECs from a single location. Web-based alert interface allows multiple users to see incoming alerts at the same time. Email, FTP, HTTP logging text and audio, keeps you on top of compliance issues. Monitor the EAS audio sources remotely via streaming audio. Send weekly tests and forward alerts from the web page, GPIO, or the automation interface.

**Ready for CAP** (Common Alerting Protocol) the Sage Digital ENDEC has text to speech built in, and we include a free software update to support the CAP 1.2 software standard.

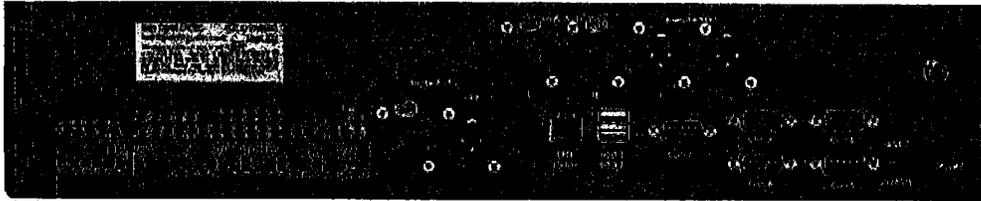
**Drop In Replacement** for the original ENDEC, the Digital ENDEC provides the same hardware and software interface, while adding the new CAP and networking features. Reduce staff training; add the new features at your pace, as you need them. The original ENDEC's internal strip printer is replaced by a plethora of other logging options.

**Compatible** with a wide range of industry standards, works with a wide range of character generators, automation systems, multi-station panels, Sage remote controls, LED signs, and other third-party peripherals. If it worked with the original ENDEC, it will work with the Digital ENDEC.

**Field Programmable**, its flash based software can be updated with its on-board web server.

## Highlights

- LAN connection for remote control, setup, software update, notifications, monitoring via streaming audio.
- USB connections for printer, additional LAN, additional storage.
- Five GP inputs for triggering tests and forwarding alerts for up to four stations.
- Four GP dry contact closures for automation interface or status display.
- Logging via web page display, USB printer(HP), network printer(HP), email, FTP. Email, FTP, and Web logs include audio and text.
- Time of day synchronized with Network Time Protocol (NTP).
- All solid state data storage.
- Not a PC, high reliability.
- Sage "Generic CGEN" industry standard character generator interface.
- ENDEC software included at no charge.
- Free software upgrade to CAP 1.2.
- "All in one" CAP and EAS solution. No CAP converter required.
- An FCC Part 11 certified device, and has also successfully completed the FEMA Conformity Assessment program for CAP and IPAWS.
- Can support multiple stations by traditional all at once or sequential relay with external relay panel, or supports overlapping alerts with external ENDEC Smart Relay Panel.



## Sage Digital ENDEC Specifications

### Audio Inputs

- Six unbalanced analog EAS monitor inputs
- One AES/EBU digital audio program in /station pass-through
- One balanced stereo analog XLR program in /station pass-through
- One unbalanced low level microphone audio input
- One unbalanced analog local audio input

### Audio Outputs

- One AES/EBU digital audio alert audio insert/station pass-through
- One balanced stereo analog XLR alert audio insert/station pass-through
- One unbalanced line out – analog multi-station interface or local audio

### Data Interface

- Six serial ports, DB-9, for relay panel interface, hand held remote control, CG control, LED display, automation, etc.
- Two USB connectors, for printer, additional storage
- Five GP inputs for automation interface, trigger of RWT or forward of alerts on up to four stations
- Four dry contact closures for automation interface

### Character Generator

- The ENDEC interfaces with devices from Chyron, Compix, Evertz, Harris, Miranda, VDS, XBob and others supporting the Sage Generic CGEN interface. Fox Slicer scheduled for Fall 2010
- DVS-168

### LAN Interface

- One 10/100 rj-45 LAN connection. Additional physical connections with user-supplied USB to Ethernet adapters. Addressing is DHCP or static
- HTTP/HTTPS web browser for programming, status updates, control, maintenance
- NTP protocol for setting time of day
- EMAIL for logging and other status messages, supports STARTTLS, alternate ports, SSL

### Certification

- Part 11, FCC ID V2W3644

### User Interface

- Browser based control
- Legacy SAGE front panel Interface, 4x20 LCD
- Five status LEDs, plus GPO status

### Mechanical

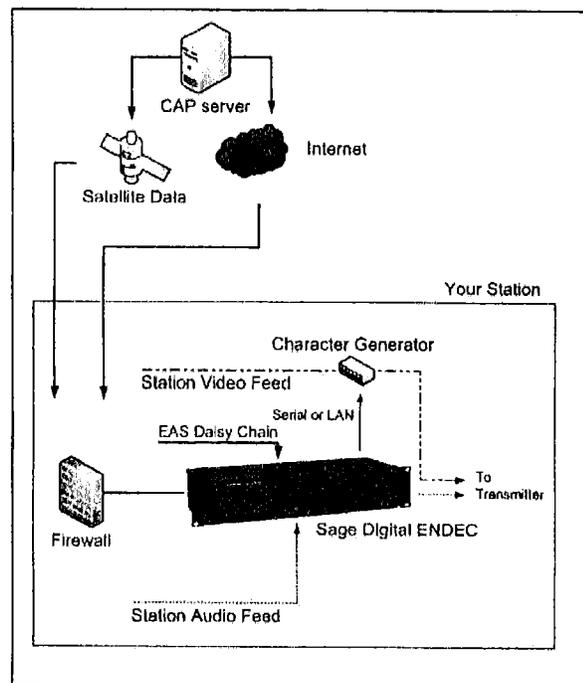
- Dimensions 2U 19" EIA rack mount  
19"W x 3.5"H x 6.5" D
- 4.3 lbs (shipping weight with power supply ~8 lbs)

### Electrical

- 19 VDC @ 1A, external 3A switching power supply provided 120 VAC @ ~ 1A

## Common Alerting Protocol

Sage has already demonstrated CAP compatibility by passing the FEMA Conformity Assessment program, and by participating in interoperability demonstrations such as the FEMA demo at NAB in April 2010 and 2011. We continue to work through industry groups such as the EAS-CAP Industry Group ([www.eas-cap.org](http://www.eas-cap.org)) to enhance interoperability standards and to keep the ENDEC updated with the latest versions. Sage provides a free software update to previous owners of the Digital ENDEC 3644 to bring it up to the CAP compliant level.



Typical CAP/EAS station

Specifications and other information subject to change without notice.  
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Rev 11-05

**Contract Terms and Conditions**

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**Terms and Conditions**

**BID STANDARD TERMS AND CONDITIONS**

**TERMS AND CONDITIONS FOR THIS BID**

**DELIVERY PER AGENCY**

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.

**RIVIP INFO - BID SUBMISSION REQUIREMENTS**

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer. When delivering offers in person to One Capitol Hill, vendors are advised to allow at least one hour additional time for clearance through security checkpoints.

MAILING ADDRESS FOR BID PROPOSALS ISSUED BY THE STATE OF RHODE ISLAND,  
DIVISION OF PURCHASES

All Bid Proposals must be submitted by mail or hand delivered to:

- State of Rhode Island
- Department of Administration
- Division of Purchases, Second floor
- One Capitol Hill
- Providence, RI 02908-5855

**DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:**

No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.

**AWARD**

THE STATE, AT ITS SOLE DISCRETION, SHALL RESERVE THE RIGHT TO MAKE ONE OR MULTIPLE AWARDS FOR THIS REQUIREMENT AND/OR TO REJECT ANY OR ALL BIDS.

**VENDOR SPECIFICATIONS**

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.