

BID #WG24-05 SPECIFICATIONS

The Baldwin County Commission is soliciting bids for the purchase and implementation of a secure computerized Absentee Voting machine (high-throughput scanner and tabular) to include on-site Election support. All pricing shall include delivery to Baldwin County Probate Judge, Bay Minette, Alabama. All bidders must meet the requirements, recommendations and mandates and shall be required to review and fully comply with Code of Alabama (1975), §17-4-2.1.

These specifications shall be construed as minimum requirements. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished.

Bidders shall give a unit price as indicated on the Bid Response Form. The price shall include all applicable shipping/handling charges, equipment/software, support, and services required.

AWARD

The intent of the County is to award the bid to one (1) vendor. A purchase order will be issued and sent to the awarded vendor via U.S. Postal Service.

The award will be to the lowest responsible bidder meeting specifications. Is it not the policy of the Baldwin County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purpose for which required, terms of delivery and past service and experience are among the factors that will be considered in determining the responsive bidder.

BID RESPONSE FORM:

Each supplier should use the Response Form provided for their bid. All warranties and exceptions are to be attached to the back of the Response Form. The Bid Guarantee should be attached to the front of the Response form. **All exceptions must be listed and attached to the Bid Response Form.**

WARRANTY:

Bidders shall submit a copy of the manufacturer's standard warranty along with a complete explanation of the warranty with their bid.

DELIVERY:

Not more than **sixty (60) days** after receipt of order or as soon as possible. Lead time shall be designated on the Bid Response Form. Delivery shall be to the Purchasing Office located at 257 Hand Avenue, Bay Minette, AL 36507. Delivery shall be set up with Wanda Gautney, Purchasing Director, at (251) 580-2520.

BID #WG24-05 SPECIFICATIONS

Purchase and Implementation of One (1) New DS450 Absentee Voting Machine or Equivalent

Performance:

- ☐ **Expected Speed: 85 11-inch ballots per minute or 50 19-inch ballots per minute. Approx. 3,974 11-inch ballots/hour or 2,237 19-inch ballots per hour.**
- ☐ **Maximum Speed: Optimal test speed is Approx. 4,561 11" ballots/hour or 2,690 19" ballots per hour.**
- ☐ **Tray Capacity: Input Tray: 480 standard sized ballots. Output Tray: 480 standard sized ballots. Outstack Trays: 150 standard size ballots.**
- ☐ **Memory: 1TB HDD holds Approx. 5 million ballot images and related data.**
- ☐ **Maximum Ballot Styles: 9,990 precincts, 40 ballot styles per precinct in a 'ballots by style' election.**
- ☐ **Processing Frequency: Between 5 and 9 full size batches per hour for 19" and 11" ballots, respectively.**

Ballot Target Capacity:

Ballot Size Targets Per Inch/Max Ballot Targets

8 1/2 X 11" 4 912/side

5 1200/side

8 1/2 X 14" 3 984/side

4 1200/side

5 1560/side

8 1/2 X 17" 3 1200/side

4 1488/side

5 1944/side

8 1/2 x 19" 3 1344/side

4 1680/side

5 2184/side

Quality Attributes:

- ☐ **Reliability: Mean time before failure (MTBF) exceeds 163 hours.**
- ☐ **Maintainability: Likelihood unscheduled corrective action will require more than 30 minutes to complete:<5%**
- ☐ **Target Maintenance Ratio (MR): Maintenance Hours/Operating Hours = 0.25 MR**

Safety:

- ☐ **Protective guards around all rollers and diverters (flippers) to reduce pinch hazards.**
- ☐ **Safety Interlocks that disable the transport if the Image Capture area is opened.**

- ☐ Protective covers for all power supplies.
- ☐ Lift assist cylinders on the Image Capture lid to prevent it from dropping on the user.
- ☐ Stepper motor driven transport which more quickly detects jam situations and quickly brings the transport to a safe stop.
- ☐ DC motors provide low power and quiet operation.
- ☐ Large carrying handles for lifting and positioning the machine.
- ☐ Skid-resistant pads to keep unit from moving during operation.

Security:

- ☐ Lockable, sealable, clear-view access doors for all ports, as well as the power switch and cord connection.
- ☐ System functions will not execute if improperly configured.
- ☐ Pass code protection for all critical functions, including Election Administration, Processing Modes, System and Hardware Maintenance, and Results functions.
- ☐ Supervisor functions are limited to the controls provided in the system menus.
- ☐ Digital Signature and password security provides a high level of security on data transferred between Election Management Software and the DS450 or Equivalent.
- ☐ The DS450 or Equivalent requires the retention of paper ballots and proper election procedures by election officials as a redundant means of providing system security.

Weights & Measures:

**Component Size (HxWxD) Weight DS450 unit 32"x45"x20" or Equivalent
(81x114x51 cm)**

137 lbs

(62 kg)

DS450 Cart 30"x48"x26" or Equivalent

(76x122x66 cm)

178 lbs

(81 kg)

DS450 Cart with Accessories or Equivalent

30"x48"x26"

(76x122x66 cm)

262 lbs

(119 kg)

DS450 Cart Extension or Equivalent

2"x20"x26"

(5x51x66 cm)

16 lbs

(7 kg)

Backup:

- ☐ Battery Type: N/A (no internal battery)

- ☐ **Backup Time: N/A (no internal battery)**
- ☐ **Uninterruptable Power Supply (UPS) provides power to complete any interrupted run, save data, initiate a controlled shutdown, disposition the data on re-start. A backup generator is required for extended backup support.**

Supplies:

- ☐ **Memory Devices: Delkin 512MB, 1GB, 2GB, 4GB, 8GB**
- ☐ **Uninterruptable Power Supply (UPS): APC Back UPS Pro 1500**
- ☐ **Report Printer: Dell S2810dn (Laser)**
- ☐ **Audit Printer: OKI Microline 420 (Dot Matrix)**
- ☐ **Marking Devices: BIC Grip Roller ball pen (.7mm): Part #6100, Absentee Pen: Part #00500 or Equivalent**

Connectivity:

- ☐ **Network Connection: Local Ethernet for connection to a central reporting PC.**
- ☐ **Local Ports:**
 - o (4x) High Speed USB 2.0.**
 - o (1x) High Speed USB 3.04**

Applicable Standards:

- ☐ ***EAC 2005 Voluntary Voting System Guidelines (VVSG 1.0)***
- ☐ ***National Election Code Standards***
- ☐ ***Americans with Disabilities Act***

BID #WG24-05 RESPONSE FORM

Purchase and Implementation of One (1) New DS450 Absentee Voting Machine or Equivalent
Page 1 of 2

Date: _____

Alabama Certification of Authority _____ or _____ If yes, _____
Yes No Registration Number

Company Name: _____

Address: _____

Company Rep: _____

(Rep. Name Typed or Printed)

Position: _____

Phone: _____

Fax: _____

Email: _____

Financing through another agency beside yourself _____ or x
Yes No

If yes, must attach a copy of the financing agreement and all conditions to this response from.

Financing Agency Authorized Signature

Brochures showing the equipment offered shall be attached to this Response Form, along with Equipment Warranty Information.

All exceptions must be listed and attached to the bid response form.

BID #WG24-05 RESPONSE FORM

Purchase and Implementation of One (1) New DS450 Absentee Voting Machine or Equivalent
Page 2 of 2

Hardware & Software (includes On-site Election Support, Installation, Warranty)

DS450 Absentee Voting Machine (High-Throughput Scanner and Tabulator) or Equivalent:

Model: _____

Bid Amount: \$ _____

Delivery Time: _____ Days/ARO