

# ELECTORAL MANAGEMENT SYSTEMS



# PRODUCT CATALOGUE



## Indelible Ink



## Indelible Ink

Liquid ink with semi-permanent dye properties, containing colour additives, water and/or alcohol and silver nitrate is used in elections to show a person has voted and to prevent people from voting more than once.

Standard base colours of voter ink are violet, red, and green. All turn dark black when applied and exposed to sunlight.

Voter ink is applied by two methods: dipping forefinger into a bottle with solution or applied with a felt tipped pen on the finger nail/cuticle.

Safe. Over last plus 40 years it is estimated over 500 million voters have dipped their fingers in Voter Ink Stain.

Indelible stain will remain on the skin for 72 hours and on the fingernail for up to three to four weeks.

Silver nitrate  $AgNO_3$  is water soluble. When applied to skin, it reacts to form silver chloride and clings to the skin. It is light sensitive and turns dark black when exposed to the sunlight.

## Ink Specifications

Available in concentrations of 5% to 25% silver nitrate.

Bottle volumes of 5ml to 100 ml; the standard is 80ml of ink in a 100 ml bottle.

Cross cut sponge inserts, heat sealed plastic aluminum sheet.

80 ml will mark from 500 up to 800 voters, depending on the method of application and skin conditions.

Standard packaging for shipping: 100 bottles per carton, custom labels, and individual packaging in separate plastic bags is available.

Custom pallet sizes, shrink wrapped, hard corners, custom labels and pallets.



## Ballot Boxes

EMS offers a wide variety of ballot box options. They are available in plastic, polycarbonate, canvas, cardboard, wood, metal, and acrylic. You can also choose from eco-friendly, stacked, and folding ballot box options.

Many ballot boxes are available in a mix-and-match option where different sized boxes use the same lid. Our ballot boxes are strong, durable, and can be transparent or opaque.

### The Perfect Ballot Box

Collapsible, 6 piece, secure, transparent, and unbreakable 50-liter ballot box. Four interlocking identical sides made of high-quality polycarbonate sheets, a tough plastic used for a variety of applications, such as bullet-proof windows. Sides fit/interlock together. Top and base are made with quality polypropylene and securely interlock with the assembled four sides. Once assembled, it is one of the most secure tamper evident boxes on the market. Disassembled, it fits into compact cardboard box 30X45X3cm and weighs 2.4 kg, for easy handling, storage and shipping. Unique style and format that will last virtually indefinitely if handled and stored properly. Secure ballot slot is .8 X 28 cm and closes with a separate plastic seal.



### Plastic Ballot Box

Available in a range of sizes/volumes, from 40 litre to over 110 litre capacities, with interchangeable lids and a locking device for sealing. 5 plastic Pull-Tite seals (see Seals) are recommended per plastic ballot box.

Two ballot slot widths are available: 8 mm standard slot size, or 20 mm oversize slot size to accommodate a wider range of ballot sizes. When sealed, a tamper-proof locking ballot slot and interior ridges prevent penetration or tampering with ballots. Printing of custom graphics and hot stamping is also available. In post polling, ballot boxes make excellent storage bins to secure materials.



### Corrugated Plastic

One flat piece that opens up to form an interlocking box using tab inserts. Available with transparent sheets on one or all sides for security. Available in white and clear plastic (shown). It can be closed using adhesive security self-stick paper labels or 8 pull tight seals.



# Security Seals and Envelopes

## Adhesive Seals

Adhesive available for cardboard, metal and plastic. Once a seal is removed it cannot be re-applied. Custom size and shape available. Custom printing and sequential numbering available.



## Pad Lock & Cable Seals

A tamper-evident padlock with a plastic base and a metal wire hasp. Suitable for sealing many styles of ballot boxes and ballot box slots. Once the lock has been opened, it cannot be resealed. Available with standard wire hasp that requires wire cutters to open, or a crimped wire hasp that can be opened by twisting, no cutters required. Custom printing and sequential numbering available (6 character maximum).



## Pull-Tite Seals

Widely used for tamper-evident sealing of ballot boxes, kit boxes, document folders and envelopes. Once a seal is removed it cannot be re-applied. Custom size and shape available. Custom printing and sequential numbering available.



## Tamper Evident Envelopes and Bags

Light weight to heavy duty high security envelopes. Self adhesive seal at 50 mm from top edge, range of colors and transparent clear plastic, printing available in black and white or full colour, various thicknesses, and sequential numbering. Printing in any language.



## Padlock

Portable locks with a shackle that may be passed through an opening. Available with key or combination locks.



## Sealing Wax

A traditional method of sealing documents, envelopes or ballot boxes. Available with or without wick and in 10 cm and 20 cm lengths.



# Polling and Registration Materials

## Plastic Kit Boxes



Sturdy, lightweight, re-usable plastic boxes with attached lid protects supplies and provides excellent storage. Waterproof, stackable, and nestable, with built-in carrying handles. Secure with 2 “Pull-Tite” seals. Custom sizes available.

## Carton Kit Boxes



Heavy duty corrugated fiberboard inner, available in various dimensions. Self assembly and can be preprinted in colour or black and white. Holding slots and plastic handle inserts. Holds polling or registration materials.

## Backpacks



Available in different sizes, colours, and configurations. Adjustable. For carrying heavy loads or carrying any sort of equipment. With frameless form, external frame, or internal frame. Shoulder straps, with optional padded hip belts. Usually fitted with one or more pockets.

## Laminate Pouches



Durable document protection, available in a variety of sizes, including: A3, A4, A5, letter or legal sizes. Usually 3, 5, or 10 mil thickness.

## Identification Badges



Custom printing. Ideal for polling staff, volunteers, and observers. Available in a variety of sizes and colours. Essential for the secure operation of voter registrations or polls.

## Badge Holder



Transparent plastic. Various sizes. Available with clips or ribbon (lanyards) for securing to clothing or hanging around the neck. Rigid plastic.

# Polling and Registration Materials

## Vests

Variety of options, including two panes and sleeveless. Thin synthetic cloth and mesh options. Front and back printing available. Ideal for polling staff identification. Variety of sizes available.



## Glue Sticks

Solid adhesives in twist or push-up tubes. Apply glue by holding the open tube, and keeping your fingers clean. Glue sticks come in many sizes, the most common being 8g, 25g, 36g, and 40g.



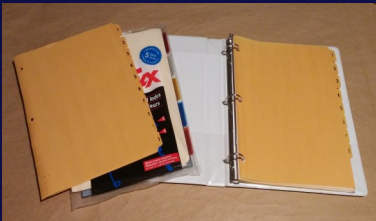
## Ring Binders

Binders can contain file folders or loose papers with punched holes. Rings can be circular or D-shaped. There are many standard sizes with respect to both capacity and paper size with 2, 3, or 4 ring options.



## Dividers

Letter, A4 sizes. Plain or multi-coloured dividers. Packs of 1 to 12, 25. 120 Micron Polypropylene, index reinforced multi-colour, numbered tabs. Multi-punched manila board.



## Tape

Many types of tape are available, both adhesive and non-adhesive, including: barrier tape, caution tape, packing tape, scotch tape (and refills), duct tape, masking tape, double-sided tape, electrical tape, and floor tape.



## Calculators

Desktop hand held solar/battery powered, 10 to 12 large digit display. LCD or back-light screens. Basic graphic and scientific functions. Single unit packing.



# Polling and Registration Materials



## Carrying Bags

Bags for carrying a variety of items. Customized logos and full colour printing available. Various shapes, sizes and materials. Reusable woven, plastic, natural cotton, burlap, canvas, cloth, polypropylene or paper utility carrying bags. Barrel or flat, comfortable, reinforced handles. Fold flat for storage.



## Clipboards

Wood, plastic or vinyl. Available with standard heavy-duty clips or arch clips. Options for pockets and flip cover.



## Envelopes

Heavy duty brown Kraft quality, self adhesive seal closure with vertical flap. Assorted colours. Preprinting in colour or black and white. Sequential numbering and a wide range of sizes available, including post card to A3.



## Permanent Ink Marker

Ink marker for permanent or semi-permanent waterproof writing on most surfaces. Variety of tip sizes and shapes, including chisel point, bullet tip, and wide bristle.



## Pens, Pencils and Erasers

Round static ballpoint point, feather light, polypropylene barrel. BIC or equivalent. Several pencil options, including: graphite pencils; coloured pencils; and grease pencils, that write on virtually any surface.



## Notepads

Various sizes. College, narrow, or wide ruled lined or unruled paper. Colour pages or white. Double sided or single sided. Colour covers. Side or top binding of various options.



# Polling and Registration Materials

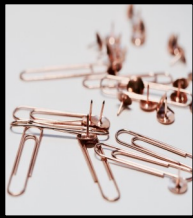
## Paper

Plain or lined. Available in an assortment of colours and sizes. Watermark and specialty paper available.



## Binder Clips, Paper Clips and Thumb Tacks

Metal finish resists rust and corrosion, or multi-colored plastic-coated paper clips, and spring-fastened binder clips. Hold together bundles of papers. Thumb tacks, also known as a drawing pin or a push pin is a short nail or pin used to fasten items to a wall or board for display.



## Rubber Bands

Used for multiple purposes and in many ways. A must have item for organizing and bundling papers and binding items together temporarily. Durable, long-lasting and they come in an assortment of colours, sizes and strengths.



## Rulers

Available in wood, aluminum (with cork backing), metal and plastic. Both imperial and metric measuring systems with magnifier. Shatterproof, flexible material, transparent with hang up hole and easy grip handle with a grooved centre.



## Scissors

Used for cutting various thin materials, such as paper, cardboard, metal foil, cloth, rope, and wire. A large variety of scissors and shears all exist for specialized purposes



## Stamp Pads

Reusable and re-inkable or self-inking. Various sizes and colours available.



## Stamps

Customizable and durable rubber stamps, date/time stamps, or self-inking stamps of various sizes and types are available. Often used for ballot papers before issuing and for Results Sheets validation.



# Polling and Registration Materials

## Stamp Pad Ink



Roll-on, dab-on, or drip applicators to apply ink onto the stamp pad. Various sizes, colours and types of ink, including water-based ink that dries instantly and is non-toxic.

## Metal Seal Cutters



To cut metal seals. Comfort grip soft rubber handle for extended use. Ergonomic plastic handle for general use.

## Tape Measure



Various sizes available in metric or imperial units of measure. Magnetic or non-magnetic options, as well as locking or non-locking. Metal, plastic, or fiberglass constructed options.

## Rope



Available in natural or synthetic fibres. Used for pulling, fastening, attaching, carrying, and lifting. Various lengths, and tensile strengths to suit requirements.

## String



String is used to tie, bind, or hang other objects. Available in twine or yarn made from natural or synthetic fibres.

## Hole Punch



Most commonly used to make holes in sheets of paper. Single or multiple hole punchers, that include 2, 3, or 4 hole options. Single hole punches are often used to punch a ticket, which indicates it has been used or cancelled or papers are punched with a single hole in the upper left, and secured using a tag.



# Polling and Registration Materials

## Batteries

Various sizes and types available, as well as rechargeable and single-use batteries. Used to power lanterns, flashlights (torches), laptops, power tools, radios, cordless devices, wireless peripherals, etc. Vehicle (Starting Lighting & Ignition) and Stationary Batteries for emergency power.

## Garbage Bags

Used for the collection of rubbish and for covering materials to prevent them from getting wet.

## Absorbent Cloth

To clean the fingers of voters before applying ink. Options include microfibre, woven fabric, disposable non-woven, shammy cloth, and paper towels. Clean up messes, fast and easy to use, and all-purpose.

## Staplers and Staples

Numerous options for all stapling needs, including traditional desktop staplers of metal construction with plastic base and handle; and push button for easy staple loading.

## Voting Screen (cloth)

Used as voting screen when marking ballots. Ensures privacy.

## Thumbprint / Fingerprint Pad

Inkless, black colour ink, round shape. Contains a special polymer that gives a non-smudging impression. Ink can be easily wiped off the finger without leaving a stain. Does not contain a pigment based dye. Can be used to take a minimum of 500 fingerprints.



# Polling and Registration Materials



## Nails

All types and sizes. Used as a fastener to hold materials together or as a peg to hang something.



## Hammer

Essential tool used for warehouse and polling day use. Available with comfort grip, and shock-absorbing fiberglass core. Rubber Mallets also available with non-marring hard rubber head that won't damage surfaces.



## Banner

High resolution printing with outdoor rated ink in both colour and black and white. Double hem. Optional lamination for extended protection and life. Seamless up to 2m width or height. Vinyl Banners weight options also available, with hemmed edges and metal grommets.



## Tarpaulin

Used to shield equipment and cover materials, sometimes during storage. Lightweight, polyethylene-coated tarps stand up to water, wind and sun. Reinforced corner rustproof grommets are waterproof, mildew proof, tear resistant and acid resistant. Lightweight, yet durable manufacture, woven into fabric and then laminated on both sides with hemmed edges, poly twine seams, and hems are heat sealed. UV treated.



## File Bag

Includes a button closure to ensure security, which can prevent the files from falling out. Ideal for transferring and storing important polling and registration documents.



## Lanyards

Used to hold badges. Custom lanyards to suit any requirement. Imprinted lanyards with text or logos, or plain flat lanyards and neck cords. Colour printing on polyester or knitted fabric or thick satin. Available in custom lengths.

# Polling and Registration Materials

## Lamps and Lanterns



LED lamps and lanterns provide off-grid, rechargeable emergency lighting solutions. Oil, gas, kerosene, solar, and battery powered lanterns of various sizes and lumens. Rugged durable design, giving up to 14 hours of operating time. Clear glass lens, portable and foldable. Hanging or standing table top models. Variable lighting modes, adjustable brightness. Weather resistant lanterns are a reliable source of light.

## Flashlights



A tough flashlight is a "must" for polling and registration kits. High impact polypropylene resists chemicals, grease, and oils. Colour and style options: various lumens. LED up to 500 hours of run time. Option for aluminum, hard-anodized, anti-abrasive finish, waterproof, and high-efficiency reflection lens. UV flashlights, and black light UV lights for reading invisible security features.

## Candles



A practical and inexpensive emergency lighting system in isolated polling stations. Basic emergency lighting kit.

## Office Furniture and Equipment

We supply all traditional office furnishings that are used in polling centres. Including: desks, chairs, tables, cabinets, shelves, and more.

Computers, laptops and tablets are also available to meet polling centre information technology requirements.



## Voting Booths

### The Franklin® V/4 Polling Booth

Manufactured from modern engineering materials and tested to the most rigorous standards. This four compartment booth can be set up as a two, a three or a four to suit the space available.

The Franklin® V/4 is unique, in that all compartments are accessible to wheelchair users, or those who need to sit while voting and the two available table heights means that the voter gets to choose which table height is most suitable for their needs. This feature means that the product complies with the principle of universal accessibility.



### Cardboard or Corrugated Plastic Voting Booth

Stand-alone private one or two-piece cardboard or corrugated plastic voting booth, with wax coating available for extended life or water and/or pest resistance. Standard colours are brown and white.

Printing is available on one or all sides, in black and white or full colour with logo.

Assembly instructions are printed on one side making the voting booths easy to set-up and they can be collapsed to a flat form for storage and shipping.

Standard dimensions are approximately 150 cm X 50 cm deep, by 60 cm wide, with a writing surface at 100 cm.

Made from recyclable fluted corrugated cardboard. 60" tall overall, with the writing surface standing at a comfortable 39". The entire writing surface is 20" deep by 23" wide.

Custom packing and delivery available.

Includes hard surface for marking of ballots.

Supplied in packs of 2 booths with at least 2 supportive strappings and wrapped in plastic.















County: **BOMI** National Elections Commission  
LIBERIA HOUSE OF REPRESENTATIVES ELECTION 2017

National Elections Commission  
**LIBERIA HOUSE OF REPRESENTATIVES ELECTION 2017** NEC

County: **BOMI** District: **1**

**BALLOT PAPER - HOUSE OF REPRESENTATIVES**

Mark the box of your choice with (✓) or (X) or your thumb print ( )

EMBLEM	CANDIDATE	VOTING MARK
 LIBERTY PARTY Liberty Party	 <b>BROWN, Charles S.</b>	<input type="checkbox"/>
 Alternative National Congress	 <b>DEVIN A. JOHNSON C.</b>	<input type="checkbox"/>
 United People's Party	 <b>JONES, Timothy Saywroh</b>	<input type="checkbox"/>
 Liberia Transformation Party	 <b>KARMO, Samuel Gayah</b>	<input type="checkbox"/>
 Unity Party	 <b>SNOWE, Jr. Edwin Melvin</b>	<input type="checkbox"/>
 Coalition for Democratic Change	 <b>VARNEY, Jah - Kpakpa O.</b>	<input type="checkbox"/>



## Ballots and Printing

EMS provides innovative high security printing solutions for registrations, ballot papers, voter ID cards, result sheets, and voter registers.

We supply a complete range of all printing techniques for high security printing, like wet and dry offset, ink jetting, numbering, hot foil stamping and all kind of hybrid combinations.

We print reliably, on time and in conformance to the highest standards.


Our products fully comply with all the relevant Industry recommendations regarding product security. Fluorescent and erasable inks, indelible numbering, OCR, Gothic and Bar code numbering are all used.

Tamper evident, re-enforced tape can be used to pack the goods. The final products can be shipped in tamper-evident packaging and dispatched by an approved security carrier.

Our premises and production facilities have complete state of the art security systems that monitor internally and externally. Every document produced is fully accounted for and all waste is securely disposed of. We extend our welcome to you or your officials for any inspections or audit purposes that may be required on site.

The reliability and integrity of the ballots and other items manufactured has a direct impact on the future of democracies and/or individuals. Security is top priority and production is carried out in tightly regulated, strictly protected premises accessed by computerized controls and monitoring systems.

Referendum (Creation of New Regions) Regulations, 2018  
FORM 15  
(Regulation 41 (2) (b) (e), 41 (2) (f) and 41 (3))



**REFERENDUM RESULTS SUMMARY SHEET**

NAME OF DISTRICT/PLACE ..... NAME OF REGION:.....

S/N	THE ORDER OF THE ISSUE (the order in which the issue to be determined appears on the Ballot Paper)	VOTES OBTAINED (IN FIGURES)	VOTES OBTAINED (IN WORDS)
1.			
2.			
A.	Total Valid Votes		
B.	Total Projected Votes		
C.	Total Votes in Ballot Box (A+B)		

**DECLARATION**

We, the undersigned, hereby declare that the results shown above are a true and accurate account of the ballots in this District / Place

Name of District Returning Officer ..... Signature ..... Date ..... Time .....

S/N	NAME OF POLLING AGENT	NAME OF INTERESTED GROUP	SIGNATURE	REASON, IF REFUSED TO SIGN
1.				
2.				
3.				
4.				

## Supporting Democracy

EMS offers extremely competitive, cost effective prices for the most appropriate, high-quality materials.

A portion of profits generated from sales is donated to our sister agency, the Canadian Organization for Democratic Elections (CODE Canada) in support of good governance programs in new and emerging democracies.

EMS is your one stop solution for all your electoral goods and services needs. Why shop anywhere else?

We provide you with a unique opportunity to get the best possible goods and services, and assure vital financial resources continue to support the good work of CODE Canada's governance, democracy and elections programmes. It's a win win situation for democracy!

For your next elections project contact EMS and leave the procurement of your polling day requirements to our highly qualified and professional staff.

Please do not hesitate to contact us for more information, or to request pricing and samples.

### Electoral Management Systems

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## Services

### Consultancy

EMS has the expertise to offer a wide variety of professional services. Within our roster of electoral experts are consultants with extensive experience and proven skills to support every stage of the electoral cycle.

### Financial Management and Administration

EMS provides leading edge solutions for the effective use of best accounting practices and innovative policies and procedures to help electoral management to effectively use financial strategies and policies that incorporate appropriate and cost effective budgetary measures.

### Human Resource Management

Our human resources services include: organizational reviews and development; human resource management consulting; collective bargaining negotiation; labour relations; staff training and development; council and board training and development; strategic planning; and executive search.

### Inventory and Logistics

EMS provides expert support for inventory management and the maintenance of electoral goods and materials needed by electoral management bodies seeking to improve their control over valuable polling materials and assets.

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