



## **INVITATION TO BIDDERS**

The City of Gatlinburg is accepting sealed bids on the purchase of Touchprint 5000/5500 Fingerprint System for the City of Gatlinburg Police Department. The specifications are located within the bid packet, but we will consider other brands/models that meet required specifications. The City reserves the right to extend this agreement for one (1) additional year.

Bids will be received at City Hall until **2:30 p.m., May 26, 2015** at which time they will be publicly opened and read aloud. No bid may be withdrawn for thirty (30) days.

Bid shall be sealed in an envelope with the bidder's name, address, the bid opening time and date and the quotation "Bid on Fingerprint System" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing, 1230 Parkway East, Suite 2, P.O. Box 5, Gatlinburg, Tennessee 37738 at 865-436-1409 or Fax 865-436-6464 or [deleap@gatlinburgtn.gov](mailto:deleap@gatlinburgtn.gov).

Questions about the specifications need to be directed to Chief Randy Brackins with the Police Department at 865-436-1421.

Bid specifications will also be available on the City of Gatlinburg website at [www.gatlinburgtn.gov](http://www.gatlinburgtn.gov) under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

## GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to purchase additional units or services under the same terms and conditions for a period of one (1) year.

The City of Gatlinburg reserves the right to extend this agreement for one (1) additional year after the completion of the first year agreement.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability; loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

# BID SPECIFICATIONS

## MorphoTrust USA TouchPrint™ 5000/5500

The TouchPrint™ 5000 live scan device and TouchPrint™ 5500 cabinet booking station are capable of capturing detailed fingerprint images at either 500 or 1000 ppi. With advanced imaging power using anti-smearing and anti-smudging technologies, our fingerprinting solutions exceed FBI standard requirements.



### Superior Fingerprint Capture and Image Quality

Image quality is critical for live scan systems. Poor quality prints cannot be used to correctly identify or verify a subject on the first AFIS submission, resulting in higher rejection rates and lengthy processing times.

Our patented optics ignore moisture, dirt, and latent prints left behind on the platen, making it easier to capture high quality images – consistently – regardless of the challenges faced, such as dry or sweaty fingers or an unclean platen. “Best in class” in image capture quality, rather than “good enough,” is the choice to make in deciding which live scan to use in accurately identifying people.

The TouchPrint™ 5000 and TouchPrint™ 5500 are provided with the image clarity needed to prevent artifacts and capture important friction ridge detail. Both models boast high-dynamic range sensor results in maximum contrast and gray scales, bringing out the minutiae and pore detail in the fingerprint image with virtually no distortion, which makes the image ideal for latent print comparison.

### Advanced Cabinet Designs

This scanner is available in three models; a small desktop unit or a laptop model (5000) and a full cabinet booking station (5500). All models are designed with a platen encased in a durable, rugged housing environment. A sealed unit permits for deployment in demanding environmental conditions that may be dusty, wet, hot, or humid.

The cabinet design has an ergonomic structure with a small footprint design, that allows for ease of use in space-constrained environments. The adjustable, 19" LCD flat panel monitor allows for optimal, high-resolution fingerprint image display. In addition, optional accessory trays provide extra workspace.

### POWERFUL IMAGING TECHNOLOGY

- Scan resolutions available in 500 ppi or at more than 1000 ppi (exceeding the FBI certified requirement)
- Our patented Moisture Discriminating Optics™ ensures details in pores and no obscured ridge contours
- MegaView camera system provides 50% more pixels compared to conventional scanners
- Designed to eliminate variability that directly impacts image quality: no moving parts, no pads or coatings



Cabinet Booking Station

### SUPERIOR FINGERPRINT IMAGES FROM A FAST AND INTUITIVE DEVICE



Desktop Configuration



Transportable Configuration

## TouchPrint™ 5000/5500

### Product Features Impacting Image Quality

FEATURES	BENEFIT
MegaView Camera System	Greater image detail – over 50% more pixels than conventional 1000 ppi scanners.
Grayscale	Linear, 256 levels with no lost detail from grayscale compression. Full ridge detail maintained for optimal latent comparisons.
Clean Image View™	100% better than the FBI specification for signal-to-noise ratio for greater ability to read features and ridge detail in fine ridge structures.
Balanced Image Distribution™	100-200% less geometric distortion equals enhanced accuracy of minutiae
AntiSmear™ Technology	Prevents smudging and smearing during finger rolls. High quality prints, even with less-skilled operators.
Clear Trace Imaging™	Prevents false minutiae by ignoring dirt or latents left on the platen. Provides greater uniformity across platen region. Less platen cleaning equals faster throughput.
Moisture Discriminating Optics™	Our patented optic technology ignores moisture and sweat to prevent loss of fine feature detail – essential for realizing the benefits of 1000 ppi scanning.
Auto Light Balancing	Maintains consistent image quality over time. Best prints all the time.

### TouchPrint™ 5000/5500 Specifications\*

TECHNICAL	
Model Number	TouchPrint™ 5000 and TouchPrint™ 5500
Scanning and Image Capture Resolution	Scan Resolution: 1000 ppi (v) x 1549 ppi (h) Scan Depth: 8 bits/pixel (256 gray levels) Capture Resolution: 1000 ppi (v) x 1000 ppi (h) Capture Depth: 8 bits/pixel
Active Image Dimensions	Multi-Finger Plain: 3.2 (h) x 2.0 (v) (nominal) inches Single Thumb Plain: 1.6 (h) x 1.5 (v) inches Rolled Impression: 1.6 (h) x 1.5 (v) inches
Image Quality	Geometric Distortion: Exceeds FBI IQS specification without calibration Linearity, Signal to Noise, CTF, Scanned gray levels: Meets or exceeds FBI IQS specifications
Illumination	White LED light panel for low operator eye fatigue and no color memory
Scanner Data Interface	IEEE 1394 Firewire
Size (appliance) Size (cabinet)	Deck Width: 12.5in (31.8cm); Deck Height: 6.3in (16.0cm); Deck Depth: 14.0in (35.6cm) Width: 24.0in (61.0cm); Height: 65.0in (165.1cm); Depth: 28.5in (72.4cm)
Weight (appliance)	14.0lb (6.4kg)
Power Requirements	110-120/220-240 VAC, 50/60HZ/-less 15.5 watts, Includes separate DC power module
Operating Environment (appliance)	Ambient temperature: 40°-104° F (5°-40° C) Relative humidity: 20-90% non-condensing Altitude: 0-7500 ft (2460 m) AMSL
Logical Scanner/Host Interface	Software Development Kit (SDK) includes application program interface and device drivers for Windows XP, Windows Vista, and Windows 7 (Available for licensed developers)
Certifications	FBI certified, PIV approved, ROHS compliant, and tested under TUV for CE
* Specifications subject to change without notice.	

Delea Patterson, AP/Purchasing  
City of Gatlinburg  
1230 Parkway East  
P.O. Box 5  
Gatlinburg, TN 37738

**RE: Bid on Fingerprint System**

The specifications for the above-mentioned items have been reviewed and the following is offered for purchase and delivery of the following MorphoTrust USA Touchprint 5000/5500:

\$ \_\_\_\_\_  
MorphoTrust USA Touchprint 5000/5500

Estimated Days for delivery after bid awarded \_\_\_\_\_.

Any deviations from these specifications are listed below (use back if necessary).  
DEVIATIONS YES \_\_\_ NO \_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Bidder Contact Information:**

\_\_\_\_\_  
Signed/

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Address

\_\_\_\_\_  
Email

\_\_\_\_\_  
City State Zip



## **BIDDERS LIST**

(Bid is open to all qualified vendors)

Cogent Systems  
639 North Rosemead Blvd.  
Pasadena, CA 91107  
[kgillon@cogentsystems.com](mailto:kgillon@cogentsystems.com)

Cross Match Technologies, Inc.  
3960 RCA Blvd, Ste 6001  
Palm Beach Gardens, FL 33410  
[Dave.bronger@crossmatch.com](mailto:Dave.bronger@crossmatch.com)

MOSA Technology Solutions  
2870 Pharr Court South NW, Ste 1604  
Atlanta, GA 30305-2179  
[martinp@mosaglobal.com](mailto:martinp@mosaglobal.com)

Dataworks Plus  
728 N. Pleasantburg Dr  
Greenville, SC 29607  
[bhouston@dataworkplus.com](mailto:bhouston@dataworkplus.com)

Eagle Advantage  
133 Parkwood Circle  
Carrollton, GA 30117  
[Cindy.davidson@eagleadvantage.com](mailto:Cindy.davidson@eagleadvantage.com)

MorphoTrust  
296 Concord Road, Ste 300  
Billerica, MA 01821  
[tnothwehr@morphotrust.com](mailto:tnothwehr@morphotrust.com)

MorphoTrak, Inc.  
1443 Spring Fest Lane  
Orlando, FL 32828  
[Joshua.faggart.ext@morpho.com](mailto:Joshua.faggart.ext@morpho.com)