November 28, 2016

Sgt. Michael Doub
Greensboro Jail Central
201 South Edgeworth Street
Greensboro, NC 27401

Ref: Expansion of Existing NIST Manager System

Proposal Number 16-1128-01

Dear Sergeant Doub,

We are pleased to provide the Guilford County Sheriff's Office with the following proposal to expand your existing Dataworks Plus NIST Manager system (Express Version) to the Enterprise version of the NIST Manager product.

Your agency purchased our Livescan Plus product that included NIST Manager Express software to electronically store tenprint cards that are processed by the livescan. You currently have a software license to store up to 20,000 tenprint cards. The current server software is installed on the livescan hardware.

Once your agency has exceeded 20,000 records, the software needs to be upgraded to the Enterprise version that runs on a dedicated server hardware. Your system currently has 60,638 tenprint card records. In addition, the livescan hardware can only store a limited number of tenprint cards before it reaches its limit to adequately perform livescan functions and server storage functions.

This proposal details pricing for the NIST Manager Enterprise version of the software as well as professional services to move the NIST Manager system to a dedicated server. This will give you expanded storage (unlimited) for the tenprint cards and will assure the system performance of the livescan and NIST Manager Systems.

The proposed software will be installed on hardware provided by your agency. Hardware pricing is not included in this proposal.

This quote assumes that your agency will provide all the necessary network connectivity.

Please call or email if I can help in any way!

Sincerely,

Rick Johnson

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Vice President
864.430.7981

1.0 Summary of the Offer

This proposal provides your agency an upgrade to your existing NIST Manager Express version to the NIST Manger Enterprise version for managing, archiving and searching booking and fingerprint records and information. Live scan captured fingerprints, booking data, palm prints and mugshots from the agency's Live Scan network and State AFIS processes are retained. It provides the agency the ability to capture, retain, retrieve, export, search and print fingerprints and booking information after AFIS/Live Scan processes provide the fingerprint record and send NIST fingerprint records to the State and FBI processes. With Live Scan devices generally having the limited functionality of input devices and AFIS concentrating on tenprint and latent ID search, the broader integration and management functions require processes such as the NIST Manager Plus™ system to capture, store, provide database(s), search engine and web access to the information and generally make the booking data, fingerprints, palms and mugshot images usable and accessible.

The proposed hardware, software and services solution includes:

► NIST Manager Plus™ Fingerprint and Palmprint Record Management and Archive System (Enterprise Version)
► Customer to provide Virtual Servers or Physical Servers, MS SQL Database License and Server.

NIST Manager Plus

NIST Manager Plus™ Fingerprint Management System will serve the needs of storing, searching, manually comparing, printing and generally managing electronic fingerprint records in a common Microsoft SQL database. This system takes the electronic fingerprint record and process beyond where the live scan device and AFIS leave off. It puts the data accessible forever at your fingertips! Once the live scan station has created the record, sent it to SBI AFIS process, the NIST Manager Plus™ becomes your most needed asset. It provides the long term storage and management system for these records.

Web enabling of the NIST Manager Plus™ is provided via our WebStation Plus™ software that furnishes licensed remote users web browser access to NIST Manager Plus™ system retrieve, search and management functions. The web browser capability eliminates the need for special retrieve workstations and software as further described in this proposal.

Printing of certified ten-print cards is available using an existing livescan tenprint card printer.

Palm Print capability provides similar functions as the ten-print record. This includes retrieval, viewing, manual

comparison, exporting and printing.

Mugshots storage is included with the proposed system. This feature provides the mugshot image with the NIST record for searching, viewing, printing, archive and management. The proposed system can be expanded to include the DataWorks Plus PhotoManager™ Mugshot Systems for investigative searches and photo lineups.

System Sizing

Systems are typically sized for each stored NIST record to consume between approximately 4MB and 10MB per record. The proposed system offers several options for fingerprint storage. Your project manager will work with you to determine the best storage strategy to meet your needs.

Performance and Capacity

The DataWorks software suite is independent of size limits, capable of unlimited records and not limited or controlled. No additional software license is needed to expand the system to store more tenprint cards. The limitation is based on the storage capabilities of the provided hardware. System response time is dependent on network capacity, hardware, concurrent users and other combined factors. The unique Index Server provides responses instantly indicating the universe size and number of records resulting from a search in several seconds.

Conversion

As an option, our proposal includes a FBI certified scanning solution to permit your agency staff to scan/convert your existing ten-print files.

Hardware

Your agency is responsible for providing virtual server hardware and workstation hardware.

WebStation™ - NIST Manager Plus™ Web Browser Capability

The proposed solution includes the WebStation™ thin client browser application to be accessed over your agency provided network. Search and retrieval functions can be performed throughout the agency's network using the Web Browser method. Web enabling software provides a thin client application that resides on the server servicing multiple desktop workstation processors and can

be implemented agency-wide. It generally operates via Intranet or virtual private network, over your local area network (LAN), wide-area network (WAN) or via Internet connectivity.

The NIST Manager Plus™ system could have been proposed with optional thick client workstation software. It has higher cost licensing plan associated and includes Administration capability beyond the
Server. We have designed the proposed system to operate via Web enabling technology to avoid each workstation requiring a thick client software application to be loaded. This also eliminates much of the administration and maintenance of each individual workstation and the limitation of users only being able to access the system from only specific thick client workstation(s). The Web enabling thin client approach provides your staff the ability to access the system from any network based PC as long as the user has been assigned a user name and password by the system administrator. Remote WebStation™ thin client workstations operate on customer provided PC's with 1024x768 resolution running Windows 7 or Windows 8.

The WebStation™ web enabling application allows viewing of images and data along with other functions and is intended for robust retrieval, investigative and administrative applications, usually desktop, where full feature search, comparison, reporting, printing, tracking, and activity logging capabilities are desired. Administration functions are generally provided at the Central Server level or thick client Capture Workstations, if any.

WebStation™ Web Software Licensing

Licensing is based on concurrent users. The numbers of concurrent users are those able to access the server at the same time. Licensing and software controls provides for a certain maximum numbers of users to access the server at any given concurrent time.

Microsoft SQL Database Management System (CAL's) To
be provided by Customer.

The proposed system can be easily be supplemented with additional NIST WebStation™ remote workstation licenses at any time. Pricing is based on a declining price scale as the number of users increase.

NIST Manager Plus™ Capture Workstation and Scanner (optional-not included in price)
Capture of inked tenprint cards to create a NIST record is available via a NIST Manager Plus™ Capture Workstation with flat bed scanner input.

The system can accommodate an FBI Certified flatbed scanner for scanning and importing fingerprint images from hard copy cards. The scanner can be connected to a desktop PC workstation operating NIST Manager Plus™ Capture Workstation, thick client software to scan inked fingerprint images into the system. The keyboard and monitor provide the data entry device for textual data field information entered on the record. This process creates an ANSI / NIST EFTS compliant electronic record for storage and management in the Archive and Management System.

This has been priced as an option.

NIST Manager Plus™ Printers

Printing of the stored records is accomplished several ways. Printing a working copy such as 8 ½ x 11 or other plain paper copy is accomplished on any local printer via the web-enabled processes. Printing to file, other devices, e-mail, fax and the like is an export file. Printing or reprinting of a certified fingerprint card is accomplished using the AWARE, Inc. AccuPrint™ Server print driver software to accommodate a proven and certified solution. It provides FBI certified print driver

operation for printing hardcopy tenprint cards on a networked FBI certified TP card printer.   The proposal assumes using the Agency networked printer or Agency provided printer connected to a Capture Workstation. Printer is available as an option, if desired. The printing function provides a hardcopy fingerprint card in FBI format based on the original WSQ compressed and certified NIST record archived in the system. AWARE Inc. WSQ compression and decompression software will be used for printing output of the systems process. Networked workstations with printers that are not seen by the Web Server's print server are not recognized and would require additional Aware AccuPrint™ at the local site as well as specialized software to provide a local certified print function. Printing non-fingerprint materials is provided with the Agency's COTS printers supported with standard Microsoft print drivers

System Backups

Most customers include the NIST Manager data into their existing backup procedures. Therefore, our base proposal does not include backup hardware and software. As an option, we have listed a Clone Server that can provide a near real time backup of the data that is stored on the NIST Manger server.   Dataworks can work with agency staff to implement a backup strategy to meet your specific requirements..

1.0 Configuration and Price Schedule

NIST Manager Plus (Enterprise Version)

FINGERPRINT and PALM PRINT RECORD MANAGEMENT SYSTEM

NIST Manager Plus Detailed Configuration & Price

NIST Archive – NIST Manager Plus	Qty	Total Price
NIST Manager Plus Central Server Application Software and License Configured for NIST records with capability and storage for any number of image and data records server and storage hardware is capable of handling.	1	$45,000.00
NIST Manager Plus Central Print Server Application Software and License Configured for NIST Record Fingerprint Card Printing including AWARE AccuPrint at Central Server	1	Use Existing
Palm Print Capability includes Application Software and License configured for full Palm Print storage, retrieval, viewing, management, manual comparison, tracking and printing.	1	Included
WebStation Server Plus Software Application and Software License Configured for Web Server access on central server or separate web server.	1	Use Existing
WebStation (Retrieve) Application Software and Licenses for ten (2) concurrent users.	1	$5,000.00
Live Scan Station Integration NIST Manager Plus to live scan interface provides data and image records from Dataworks live scan station to NIST Management System.	1	Included
Configure NIST Manager Central Server to support the following applications: • **Photo Manager System** • **Tenprint Card Storage System** • **Livescan Plus System**	1	Included
Professional Services: ▶ Program Management ▶ System Integration	1	$5,000.00

▶ Delivery ▶ On-site Installation, Integration, Testing, Training and Documentation		
SYSTEM SOFTWARE and SERVICES COMPLETE **NIST MANAGER Plus MANAGEMENT SYSTEM PRICE:**		**$55,000.00**
ONE-TIME STRATEGIC DISCOUNT		**($27,500.00)**
GRAND TOTAL		**$27,500.00**

System Prices DO NOT INCLUDE:

- Customer provided central hardware, storage devices, operating system software or relational database software or user licensing.
- Customer provided workstations containing Microsoft Internet Explorer IE 5.5 or newer for any client PC that will login to the web server process. Minimum PC requirements may apply in the event that older limited PC are used.
- DataWorks Plus technology uses the existing Agency Network. Networking will be the responsibility of your agency.
- Other technology vendor side of interfaces or modifications required to other vendors systems.
- Software License for other agencies in Knox County to access NIST Manager Server. Each agency will be required to purchase their own software license agreement.

1.1.1 Validity

This Proposal will be valid for 120 days, after which availability and prices are subject to change. To confirm your requisition, please submit your purchase order within this time frame. Prices are exclusive of any and all state, or local taxes, or other fees or levies.

1.1.2 Payment Terms:

- ▶ Forty Percent (40%) due upon delivery
- ▶ Forty Percent (40%) due upon first productive use
- ▶ Twenty Percent (20%) due upon system acceptance
- ▶ Payment net forty five (45) days from receipt of the DataWorks Plus invoice.
- ▶ One Year Warranty Begins Upon First Productive Use

OPTIONS		
Description	**Qty**	**Total Price**
CLONE Server Software License for Near Real Time Backup of NIST Manager Information	1	$8,500.00
FBI Approved Flat Bed Inked Fingerprint Card	1	$3,850.00

NIST Manager Plus Capture Workstation Application Software License to scan hard copy ten-print cards. Network Printing through Central	1	$11,525.00
Server or local workstation printing on customer provided FBI certified printer, AWARE Workstation AccuPrint NIST Pack & WSQ (Local Workstation Print, Capture & Compress) installation and training. Includes integration to NIST Manager for long term storage of scanned fingerprint cards. NOTE: Customer to provide computer hardware		

1.1.3   Taxes and Fees

Quoted prices do not include fees, taxes or levies of any kind.

1.1.4   Software Licensing

Licenses are perpetual and non-transferable

2.0 Maintenance

MAINTENANCE	Qty	Unit Price	Total Price
Warranty upgrade to 24 x 7 for software only support service based on the purchase price.	1 year	Included	Included
Maintenance 8x5 for software only support service based on the purchase price.	Year 2-3	12% per year	12% per year
Maintenance 24 x7 for software only support service based on the purchase price.	Year 2-3	14% per year	14% per year
Maintenance Years 4 & 5 for software only support service.	Year 4-5	3% increase per year	3% increase per year