

DEPARTMENTAL INPUT

CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No. _____
 Contract _____
 Re-Bid
 Other
 LIVING WAGE APPLIES: YES NO
 Requisition No./Project No.: RQPD1300014
 TERM OF CONTRACT _____ YEAR(S) WITH _____ YEAR(S) OTR

Requisition /Project Title: AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM

Description: This request is to establish an Emergency contract to procure upgrades to the existing Automated Fingerprinting System.

Issuing Department: ISD
 Contact Person: Dakota Thompson, CPP
 Phone: 305-375-2356
 Estimate Cost: 1,998,000
 Funding Source: GENERAL FEDERAL OTHER
xxxxxx

ANALYSIS

Commodity Codes:	<u>680-48</u>			
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.				
	EXISTING	2ND YEAR	3RD YEAR	
Contractor:	<u>MorphoTrak, Inc</u>			
Small Business Enterprise:				
Contract Value:	<u>\$1,998,000</u>	<u>\$</u>	<u>\$</u>	

Comments: _____

Continued on another page (s): YES NO

RECOMMENDATIONS

	Set-aside	Sub-contractor goal	Bid preference	Selection factor

Basis of recommendation: _____

Signed: Dakota Thompson, CPPB
 Date sent to SBD: 02/22/13
 Date returned to DPM: _____

RECEIVED
 DEPT. BUSINESS DEV.
 SBD
 2013 FEB 24 PM 12:41



**SECTION #3
EMERGENCY PURCHASES**

NOTE TO DEPARTMENTS: COMPLETE ITEMS MARKED WITH (▶)

▶ REQUISITION #: RQPD1300014 P.O. #: N/A BCC DATE: N/A

▶ ACQUISITION DATE (Date Order Is Placed): _____

▶ TITLE:	<u>AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM (AFIS)</u>
▶ DESCRIPTION:	<u>AFIS UPGRADE EQUIPMENT</u>
▶ PURPOSE:	<u>SEE ATTACHED</u>

▶ Department(s):	▶ Funding Source(s):	▶ Allocation(s):
		\$
MDPD	MULTIPLE	\$ 1,998,000.00

▶ TERM OF CONTRACT:

Upon Delivery _____ Days A.R.O. (after Receipt of Order)

Special Conditions:

Insurance Type _____

Performance/Payment Bond

Certificate of Competency

Living Wage Applies

SBE Measures:	<input checked="" type="checkbox"/> None	Review Committee Date: _____
	<input type="checkbox"/> Set Aside <input type="checkbox"/> SBE <input type="checkbox"/> Micro Enterprise	Item #: _____
	<input type="checkbox"/> Bid Preference <input type="checkbox"/> SBE <input type="checkbox"/> Micro Enterprise	
	<input type="checkbox"/> Goal <input type="checkbox"/> SBE <input type="checkbox"/> Micro Enterprise	

▶ Number of Price Quotation(s): Requested: 1 Received: 1

Awarded To Low Bidder: YES NO, If "NO", provide explanation in the Comments section

Vendor: MORPHOTRAK INC

Contract Value: \$1,998,000.00

Did Local Preference affect the outcome of the Award?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO, if "YES", provide detailed explanation in the "Comments" section
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UAP Included:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<ul style="list-style-type: none"> • Will CITT Funds be used? <input type="checkbox"/> YES <input type="checkbox"/> NO • Will Federal Funds be used? <input type="checkbox"/> YES <input type="checkbox"/> NO • If UAP is not included, Attach written approval to waive UAP and provide an explanation in the "Comments" section
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SECTION #3
EMERGENCY PURCHASES

REQUISITION # RQPD1300014
TITLE: AUTOMATED FINGERPRINT IDENTIFICATION SYSTEM

▶ Justification and Comments:	<u>SEE ATTACHED</u>
Background/Need to Know:	<u>SEE ATTACHED</u>
Potential Issues:	<u>SEE ATTACHED</u>

▶ **Signature(s):**

<u>Laura Romano</u> Contact Person	<u>02-13/13</u> Date
<u>305-471-2596</u> Telephone	
 Department Director Approval	<u>2/20/13</u> Date

Procurement Management Services Use Only

Signatures(s):

<hr/> Procurement Contracting Officer	<hr/> Date
<hr/> Procurement Manager	<hr/> Date
<hr/> Division Director	<hr/> Date
<hr/> Assistant Director	<hr/> Date
<hr/> Director	<hr/> Date
<hr/> Vendor Assistance Section	<hr/> Date

Attach: 1. Explanation of the emergency situation. 2. Written price quotation(s) including terms and conditions. 3. Vendor(s) Certificate of Insurance. 4. Copy of invoice(s).

Justification for Automated Fingerprint Identification System

Purpose of the Purchase:

The Miami-Dade Police Department (MDPD) is declaring an emergency purchase to upgrade the existing Automated Fingerprint Identification System (AFIS). The current version of the AFIS was installed in March of 2006 and was designed to hold a pre-determined quantity of fingerprints, palm prints, and latent records. The system has exceeded capacity, and the vendor can no longer guarantee services and/or proper operation of the system. The current AFIS already exceeds its designed capacity for latent records. The capacity for palm print records has already reached critical mass with the current system. Currently, the system is not operating optimally; exceeding capacity affects the search storage and retrieval of prints and the system is unstable.

Best Interest of the County:

In accordance with Florida Statute 943.051, "Criminal justice information; collection and storage; fingerprinting," Miami-Dade County (MDC) is required to secure the fingerprints of arrestees. To comply with this statutory requirement, MDC uses AFIS to capture and store fingerprints. The emergency purchase for the new AFIS will continue interoperability of equipment among all the various entities throughout MDC and the State. At this time, no additional reconfiguration is possible. The current AFIS will not be able to add or search palm print records received, neither from jail bookings, nor from unsolved latent finger and palm print records recovered at crime scenes. The inability to add or search palm prints and unsolved latent records to the current AFIS will result in the failure to properly identify individuals who are arrested in MDC or that are associated with unsolved latents recovered at crime scenes throughout MDC, resulting in possible release of wanted suspects. The existing system is unstable and at maximum capacity and MorphoTrak Inc. will no longer be able to support it.

The new AFIS would provide the most technological advanced software and hardware available to allow enhanced storage capacity for the AFIS to remain viable for approximately ten years. The new AFIS will also significantly increase the accuracy of AFIS search results for identifying fingerprints and palm prints, unsolved latent prints from crime scenes, and unknown deceased person's prints. The increased accuracy will result in more latent identifications being made on homicides, sexual batteries, robberies, burglaries, and other latents recovered from crime scenes. When the current AFIS was installed in March of 2006, there were approximately 331 new latent fingerprint and palm print identifications made from cold cases. This amount, and more, is to be expected from the new AFIS due to newer and more accurate fingerprint matching algorithms with each generation of Automated Fingerprint Identification Systems. The new AFIS allows for full mobile AFIS capabilities and deployment from the inception, and has the future ability and capacity to handle facial and tattoo matching biometric technologies.

In fiscal year 2012, the Forensic Services Bureau received an allocation from general fund for the purchase of the new AFIS. The purchase price will be paid from available impact fees, capital outlay reserve funds and general funds. The purchase of the new AFIS will substantially reduce the amount of funding currently allocated for maintenance. Due to rising maintenance costs combined with the limitations of an older technology and the existing AFIS currently exceeding its capacity, it is cost effective for MDC to complete the upgrade of the new AFIS as soon as possible.

Market Research:

MorphoTrak Inc. is the world leader in fingerprint biometric technology. The vendor is currently ranked #1 by National Institute of Standards and Technology for having superior computer algorithms in fingerprint accuracy and interoperability, match on card, minutiae exchange, and latent quality evaluations. The current AFIS has maintenance support provided contractually by MorphoTrak, Inc. for the hardware, proprietary software, and licensing. The current AFIS is three generations behind and the new AFIS will benefit from MorphoTrak's expertise as the world leader in biometrics. This is possible

because MorphoTrak has the best technological and biometric capabilities currently available on the market and encompasses matching algorithms that are superior to any other vendor as ranked by the National Institute of Standards and Technology. Available equivalents would not be capable of integrating with the current AFIS and also would not be able to interface with numerous established municipal sites, Miami-Dade Corrections and Rehabilitation Department, MDPD districts, and the Florida Department of Law Enforcement (FDLE.) MDPD has partnered with MorphoTrak, Inc. (formerly Rockwell, De La Rue, Printrak, and Motorola) for over 28 years. MorphoTrak also is currently the vendor for more than 23 law enforcement agencies in the State of Florida, FDLE, 450 government agencies around the world, and the Federal Bureau of Investigation's multimillion dollar Next Generation Identification System.

MDPD purchased the original AFIS in 1984 from Motorola (Formerly Printrak International). The vendor created the MDPD's AFIS and has remained the sole provider for all AFIS hardware and software equipment operating in MDC for over 28 years. MorphoTrak, Inc.'s technology (software and hardware) is engrained in how MDPD conducts business. It is essential that MDPD continues to use MorphoTrak, Inc. to maintain the AFIS and to maintain interoperability with Miami-Dade County Corrections and Rehabilitation Department, MDPD's Personnel Management Bureau, Juvenile Assessment Center, Drug Enforcement Agency, Miami, Miami Beach, Hialeah, Miami Gardens, and Aventura Police Departments, FDLE, and the Federal Bureau of Investigation.

Proposed Action:

It is in the best interest of MDC to proceed with MorphoTrak Inc. as an emergency purchase of an AFIS upgrade in the amount of \$1,998,000.00. This recommendation will upgrade the current AFIS with the best technology that is currently available on the market. As a result, the AFIS search results will be more accurate, have faster processing speeds, contain long-term storage capacity, be flexible for future

expansion, and pose significantly less maintenance costs to the County. MDPD will submit a separate request to establish a long-term contract for maintenance and technical advanced support.

MIAMI-DADE COUNTY
PURCHASE REQUISITION

REQUISITION ID: RQPD1300014 PRINT DATE: 02/13/13 PAGE: 02

REQUISITION STATUS: APPR BUYER : THOMPSON DAKOTA

DATE REQUIRED : 02/13/13
CONTACT : LAURA ROMANO
(305)471-2596 EXT -

RECOMMENDED VENDOR:
330154789 01 MORPHO TRAK INC
1145 BROADWAY PLAZA SUITE 200
TACOMA , WA 98402
PHONE: (253)383-3617 EXT -

