



CITY OF COLUMBIA
AGENDA MEMORANDUM

MEETING DATE: June 17, 2014

DEPARTMENT: Purchasing

FROM: *Sandra Wright, Purchasing Agent*

SUBJECT: NDI Recognition System

FINANCIAL IMPACT: Police Administrative Services/Computer
Equipment/Hardware
1012402 - 627500

ORIGINAL BUDGET: \$110,826.36

Request for the sole source purchase of an NDI Recognition Systems, as requested by the Police Department.

NDI Recognition Systems is the sole provider of the only Automatic License Plate Reader (ALPR) solution able to directly and seamlessly interface with the South Carolina Law Enforcement Division's (SLED) existing Back Office Server / Vehicle Intelligence Server and Communications Engine (VISCE). NDI's ALPR Back-Office solution known as VISCE is today deployed and maintained by SLED and is a proprietary application with an associated proprietary database. Connectivity to this solution is unique and only NDI-RS (NDI Recognition System) can allow the Columbia Police Department participation to this shared Law Enforcement application and tool.

I ask for the approval of this sole source purchase from NDI Recognition Systems At the following quantity, cost and SC Tax.

<u>Quantity</u>	<u>Description</u>	<u>Price</u>	<u>Extended Price</u>
2	C320-810nm dual lens LPR camera	\$4,500.00	\$9,000.00
1	Fixed SCIV ALPR Processor supporting camera	\$6,000.00	\$6,000.00
1	GX400 Modems	\$1,075.00	\$1,075.00
1	Web based software server	\$1,500.00	\$1,500.00 *
1	SLED Hosted server w/ direct live real-time access to DMV, NCIC etc.	\$5,000.00	\$5,000.00 *
2	C3-01-ALPR Cables	\$315.00	\$630.00
1	On site installation	\$1,800.00	\$1,800.00 *
1	Annual Support/Gold Support Agreement/Renewed Annually/ALPR	\$2,572.00	\$2,572.00
2	Veriplate 3 camera mobile bundle	\$16,020.00	\$32,040.00
2	In Car Live Check - Predator updates	\$2,500.00	\$5,000.00 *
2	2 Days/vehicle installation	\$2,500.00	\$5,000.00 *
1	1st Year Manufacturer Warranty	\$0.00	\$0.00
1	NDI ALPR Camera Radar Speed Trailer	\$29,000.00	\$29,000.00
1	Web based VISCE Software Server	\$1,500.00	\$1,500.00 *
	Upgraded Annual Support Agreement; GOLD Premium level to include		
1	"On-site fix or replace hardware and software" Renewed Annually.	\$2,500.00	\$2,500.00 *
	Total		\$102,617.00
	Tax		\$6,425.36
	Grand total		<u>\$109,042.36</u>

*Non-taxable items

NDI is located at: 105 E State Road 434, Winter Springs, FL 32708

This will be charged as follows:

Police Administrative Services/Computer Equipment/Hardware
1012402 - 627500

\$109,042.36

Sec. 2-204. - Competitive sealed bidding required; exceptions.

All city contracts shall be awarded by competitive sealed bidding except the following as determined pursuant to definitions and standards set by regulations: Sole source procurements.
(Code 1979, § 1-3044; 2009-120, 12-2-09; Ord. No. 2011-103, 1-17-12)

ATTACHMENTS:

- NDI Recognition System (PDF)

Items 001-008

JUSTIFICATION FOR
SOLE SOURCE PROCUREMENT

R158647

Based upon the following determination, the proposed procurement action described below is being procured pursuant to the authority of Section 1.16 of the City of Columbia, S.C. Procurement Regulation.

This Department proposes to procure for the Police: Administrative Services Division.
(1)

NDI's C320-810nm dual lens LPR fixed ALPR Processor and camera system and all
(2)

other associated hard and software.

as a sole source procurement from NDI Recognition Systems
(3)

based upon the following justifications: _____
(4)

NDI Recognition Systems is the sole provider of the only ALPR solution able to directly and seamlessly interface to the South Carolina Law Enforcement Division's (SLED's) existing Back Office Server/ VISCE. NDI's ALPR Back-Office solution known as VISCE is today deployed and maintained by the SLED, and is a proprietary application with an associated proprietary database. Connectivity to this solution is unique and only NDI-RS can allow the Columbia Police Department participation to this shared Law Enforcement application and tool.

This sole source is valid through _____ Amount \$ _____

Police
Department

[Signature]
Signature of Department Head

5/20/14
Date

[Signature]
Signature of Purchasing Agent

6/6/14
Date

Signature of Asst. City Manager

Date

[Signature]
Signature of City Manager

6/3/14
Date

- Notes: (1) Enter Division Name
(2) Enter description of goods or services to be procured
(3) Enter name of sole source contractor
(4) Enter the basis of sole source procurement

Distribution: Original attached to requisition (Form PUR 108201) Copy retained in Department's file. (Rev. 07/2013)

This agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become a binding agreement when one or more counterparts have been signed by and delivered to each of the parties. Such delivery may occur by facsimile or email/pdf and any counterparts exchanged in this manner shall be considered originals.

Items 009-012

JUSTIFICATION FOR
SOLE SOURCE PROCUREMENT

Based upon the following determination, the proposed procurement action described below is being procured pursuant to the authority of Section 1.16 of the City of Columbia, S.C. Procurement Regulation.

This Department proposes to procure for the Police: Administrative Services Division.
(1)

VersiPlate Three Camera ALPR Mobile Bundle and associated software and support
(2)

as a sole source procurement from NDI Recognition Systems
(3)

based upon the following justifications: _____
(4)

NDI Recognition Systems is the sole provider of the only ALPR solution able to directly and seamlessly interface to the South Carolina Law Enforcement Division's (SLED's) existing Back Office Server/ VISCE. NDI's ALPR Back-Office solution known as VISCE is today deployed and maintained by the SLED, and is a proprietary application with an associated proprietary database. Connectivity to this solution is unique and only NDI-RS can allow the Columbia Police Department participation to this shared Law Enforcement application and tool.

This sole source is valid through June 30, 2014 Amount \$ _____

Police
Department

[Signature]
Signature of Department Head

5/30/14
Date

Signature of Purchasing Agent

Date

Signature of Asst. City Manager

Date

[Signature]
Signature of City Manager

6/3/14
Date

- Notes: (1) Enter Division Name
(2) Enter description of goods or services to be procured
(3) Enter name of sole source contractor
(4) Enter the basis of sole source procurement

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Items 013-015

JUSTIFICATION FOR
SOLE SOURCE PROCUREMENT

Based upon the following determination, the proposed procurement action described below is being procured pursuant to the authority of Section 1.16 of the City of Columbia, S.C. Procurement Regulation.

This Department proposes to procure for the Police: Administrative Services Division.
(1)

NDI Single (1) ALPR Camera Radar Speed Trailer and all associated hard and software
(2)

as a sole source procurement from NDI Recognition Systems
(3)

based upon the following justifications: _____
(4)

NDI Recognition Systems is the sole provider of the only ALPR solution able to directly and seamlessly interface to the South Carolina Law Enforcement Division's (SLED's) existing Back Office Server/ VISCE. NDI's ALPR Back-Office solution known as VISCE is today deployed and maintained by the SLED, and is a proprietary application with an associated proprietary database. Connectivity to this solution is unique and only NDI-RS can allow the Columbia Police Department participation to this shared Law Enforcement application and tool.

This sole source is valid through _____ Amount \$ _____

Police
Department

[Signature]
Signature of Department Head

5/30/14
Date

Signature of Purchasing Agent

Date

Signature of Asst. City Manager

Date

[Signature]
Signature of City Manager

6/3/14
Date

- Notes: (1) Enter Division Name
(2) Enter description of goods or services to be procured
(3) Enter name of sole source contractor
(4) Enter the basis of sole source procurement

Distribution: Original attached to requisition (Form PUR 108201) Copy retained in Department's file. (Rev. 07/2013)

This agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement, and shall become a binding agreement when one or more counterparts have been signed by and delivered to each of the parties. Such delivery may occur by facsimile or email/pdf and any counterparts exchanged in this manner shall be considered originals.

Items 001 - 008



NDI Recognition Systems
385 Commerce Parkway
Longwood, FL 32750

Columbia Police Department
#1 Justice Center
Columbia, SC 29202

Lt. Joseph Rowson
inrowson@columbiasc.net
(803) 429-9584

R158447

Date: 04/22/2014 (90 Day Quote)

Questions? Call Ryan D. York, Regional Sales Accounts Manager@ 407-393-7662 or email r.york@ndi-rs.net

C320-01-810	Static / Fixed ALPR Camera(s)	NDI's C320-810nm dual lens LPR camera (Color & IR) variable focal lenses and IR illumination. IP68 rated, FCC/CE approved.	\$4,500.00	2	\$9,000.00
SCIV LPR Processor	Fixed ALPR Processor	NDI's Fixed SCIV ALPR Processor supporting camera, power, cable assembly's, TGX-8, lightning protection circuitry, power supply, TALON Plate Recognition Engine	\$6,000.00	1	\$6,000.00
GX400 Modem	GX400 Modem	GX400 Modems (Provisioned to Customer's Cellular Provider)	\$1,075.00	1	\$1,075.00
Visce-Ent	VISCE-ENT	Web Based VISCE Software Server -Single Agency Deployment **3 Web Based Client Licenses**	\$1,500.00	1	\$1,500.00
Server	HST-Server	SLED Hosted server with direct live, real-time access to SC-DMV, NCIC, Amber/Silver Alerts, interdiction, terrorist alerts though the South Carolina Law Enforcement Division (SLED)	\$5,000.00	1	SLED PROVIDED
C3-01-Cables	C3-01-Cables	C3-01-ALPR Cables in Custom Lengths from 5M to 20M (Prices/Lengths: \$335./5M, \$450./10M, \$565./15M, \$670./20M)	\$335.00	2	\$670.00
MNT	Mounts	Fixed Camera Mounting Brackets (Wall, Pole, etc)	\$315.00	2	\$630.00
Inst-Serv	Installation	On-Site Engineering Services (Installation, Configuration and Commissioning \$1,800/Day)	\$1,800.00	1	\$1,800.00
SHIPPING	SHIPPING	Shipping and/or Freight to Agency	TBD		Included
T&L	Travel	Travel & Living Costs associated w/Installation, Config, Training	TBD		Included
Warranty	1 st Year	1 st Year Manufacturer Warranty Included at "No-Charge"	Included		Included
GOLD Support	Renewed Annually	Upgraded Annual Support Agreement; GOLD Support Agreement *Renewed Annually*	16% of the Capital Investment		\$2,572.00
Proj-Serv	Proj.Mgmt.	Project Management Services	Included		Included
Total NDI ALPR Project Investment:					\$23,247.00

Items 009-012



NDI Recognition Systems

385 Commerce Way,
Longwood, Florida 32750

Phone 866-458-0426

Mobile ALPR QUOTE# 52914SC, Columbia Police Department, SC

Lt. Joseph Rowson, 803-429-9584, jnrowson@columbiasc.net

Columbia Police Department, #1 Justice Center, Columbia, South Carolina 29202

May 30, 2014 (Valid for 90 Days)

Questions: Call Christopher McKissick, Director of Sales @ 386-453-8920 or email c.mckissick@ndi-rs.net

BUND-3 Cam Mob	3 Camera Mobile ALPR Solution	VeriPlate Three Camera Mobile Bundle featuring V220 LPR Cameras; Each Mobile Bundle Includes: V220 variable focus, dual lens cameras with integrated infrared illuminator, custom camera cables, VP300 Mobile LPR Processor with 12v smart power supply, VeriPlate TALON software with Law Enforcement Client Interface and all mounting brackets.	\$16,020.00	2	\$32,040.
Visce-Ent	VISCE-ENT	Web Based VISCE Software Server -Single Agency Back-Office Deployment: Up to 5 Client Licenses	\$5,000.00	1	Via SLED NoCharge
VP-Pred	Pred-SW	"In-Car Live Check" Predator Upgrade:	\$2,500.00	2	\$2,500.
3SW-MS	MapPoint	Microsoft MapPoint 2010 In-Car Integrated Mapping Solution	\$530.45	2	Included
Installation	2 days/Veh	2 Days/Vehicle @ \$1,250./day. (Installation & Commissioning)	\$2,500.00	2	\$5,000.
SHIPPING	SHIPPING	Shipping and/or Freight to Agency	Included	1	Included
T&L	Travel	Travel & Living Costs associated w/Installation,Config,Training	Included	1	Included
Warranty	1 st Year	1 st Year Manufacturer Warranty Included at "No-Charge"	Included	1	Included
		Total NDI ALPR Project Investment:			<u>\$39,540.</u>

Camera Mounting (If Applicable for Fixed/Static Installations)

Agency /Client to provide all necessary and/or required site permits, clearance, poles, bucket truck for Commissioning services as well as traffic control if necessary during installation and commissioning. NDI to provide Commissioning of system.

Electricity (If Applicable for Fixed/Static Installations)

Items 013-015



NDI Recognition Systems
385 Commerce Parkway
Longwood, FL 32750

Columbia Police Department
#1 Justice Center
Columbia, SC 29202

Lt. Joseph Rowson
jrowson@columbiasc.net
(803) 429-9584

Date: 04/21/2014 (90 Day Quote)

Questions? Call Ryan D. York, Regional Sales Accounts Manager@ 407-393-7662 or email r.york@ndi-rs.net

NDI Road Warrior ALPR Radar Board	1 ALPR Camera System	NDI Single (1) ALPR Camera Radar Speed Trailer; Complete New MPH Model Speed Patrol 18 Model Speed Trailer Outfitted w/NDI ALPR Solution. Outfitted with Battery life for extended field deployment (7 days approximate with 2 days of charging in between deployments) See Attached MPH Speed Patrol 18 Photos <i>*Includes GX400 Connectivity Modem that Customer will provision on their cellular service provider and assume unlimited data monthly connection fees*</i>	\$29,000.00	1	\$29,000.00
Visce-Ent	VISCE-ENT	Web Based VISCE Software Server -Single Agency Deployment ***3 Additional Web Based Client Licenses***	\$1,500.00	1	Part of Initial Purchase
Server	HST-Server	SLED Hosted server with direct live, real-time access to SC-DMV, NCIC, Amber/Silver Alerts, interdiction, terrorist alerts though the South Carolina Law Enforcement Division (SLED)	\$5,000.00	1	SLED PROVIDED
SHIPPING	SHIPPING	Shipping and/or Freight to Agency	\$1,500.00	1	Included
T&L	Travel	Travel & Living Costs associated w/Installation,Config,Training	Included	1	Included
Warranty	1 st Year	1 st Year Manufacturer Warranty Included at "No-Charge"	Included	1	Included
GOLD Support	Renewed Annually	Upgraded Annual Support Agreement; GOLD Premium Level Support including: "On-Site Fix or Replace Hardware and Software"*Renewed Annually*	Renewed Annually	1	\$2,500.00
		Total NDI ALPR Project Investment:			\$31,500.00

April 23, 2014

Columbia Police Department

RE: Sole Source Memo for VeriPlate ALPR (Automated License Plate Recognition) Solutions

This is to confirm that NDI Technologies Inc., a Florida Corporation is the designer, developer, author and sole source of supply for the full range of VeriPlate ALPR solutions as previously demonstrated and now in current use by South Carolina's Department of Law Enforcement (SLED) as well as many County Sheriff's Department's and Police Departments within SC. NDI Recognition Systems sell directly to the end user and do not employ third party resellers in South Carolina. The Columbia Police Department can only procure NDI's ALPR solutions from NDI directly.

NDI's ALPR Back-Office solution known as VISCE, which is today deployed and maintained by the South Carolina Law Enforcement Division (SLED), is a proprietary application with an associated proprietary database. There is no known vendor in the industry that can send, receive, store, transmit and/or query NDI's proprietary database. NDI and Only NDI can provide additional ALPR cameras and ALPR processors that can seamlessly integrate with the SLED existing VISCE ALPR database. No other ALPR vendor can integrate with NDI's solutions. NDI does not provide any interfaces or custom scripts for any vendor other than NDI to access NDI's proprietary VISCE ALPR database. (Sole Source)

NDI-RS is the sole provider of the only ALPR solution able to directly seamlessly interface to South Carolina's Department of Law Enforcement (SLED) existing Back Office Server/VISCE (Sole Source). Connectivity to this proprietary Back Office is unique in that only NDI-RS can allow the Columbia Police Department to participate (through connectivity to the NDI-RS proprietary Back Office Server software – VISCE) in a strategic Data Sharing initiative that would enable all law enforcement agencies to network and share ALPR intelligence state wide. (Sole Source)

A competitive differentiator that continues to support the Sole Source purchase criteria and separate NDI Recognition Systems from all other industry offerings is our VeriPlate "PREDATOR" and VGate software advantage which includes our unmatched CAD (computer-aided dispatch) integration module (any CAD system) allowing for a *Single Click "Live Check"* with the push of a single button, providing real time access to Hotlists and Dynamic Dispatch pushing up to the minute intelligence to the Officer. The LIVE CHECK feature is the *ONLY LPR interface* allowing an officer to *check any registration/tag via NCIC, State –SLED and SC-DMV in REAL TIME.*

Sincerely,

Christopher McKissick

Christopher McKissick, MPA
Director of Sales, U.S. Public Safety, NDI Recognition Systems
386-453-8920
c.mckissick@ndi-rs.net