O-21-73

ORDINANCE NO. _____

AN ORDINANCE WAIVING FORMAL BIDDING REQUIREMENTS AND AUTHORIZING PAYMENT TO PINKLEY SALES COMPANY FOR THE PURCHASE OF A CENTRALIZED TRAFFIC MANAGEMENT SYSTEM FOR THE CITY OF NORTH LITTLE ROCK; DECLARING AN EMERGENCY; AND FOR OTHER PURPOSES.

WHEREAS, Ark. Code Ann. § 14-58-303 requires City purchases exceeding the amount of $20,000 to follow statutory procedures of local advertisement and opening of sealed bids which may only be waived in exceptional situations where bidding is deemed not feasible or practical; and

WHEREAS, the City of North Little Rock ("the City") currently monitors 99 intersections and 20 school zones and pedestrian flashers that each require physical monitoring, alteration, and verification on-site; and

WHEREAS, the City wishes to implement a centralized traffic management system that would increase efficiency by reducing cost of time and labor, and include such benefits as:

- surveying traffic condition remotely
- monitoring system-wide device status in real-time
- logging detailed intersection operations
- receiving notifications of device or traffic performance issues
- measuring performance
- generating reports and historical trends
- consolidating system-wide information in a central database
- reducing inefficiencies and issues related to mismanagement of controller timing
- tracking assets and inventory
- providing system security (see narrative from Chief Information Technology Officer John Barber attached hereto as Exhibit A) ; and

WHEREAS, Pinkley Sales Company, 344 West Hefner Road, Oklahoma City, Oklahoma 73114, has provided traffic controllers currently implemented within the City and distributes a central traffic monitoring software that would provide dependable monitoring and control of signalized intersections in small and large environments; and

WHEREAS, the initial implementation and training includes ten (10) intersections, with each additional intersection estimated to cost $1,500.00 and yearly maintenance agreement estimated to cost $7,000.00; and

WHEREAS, the initial cost of the system is Twenty Three Thousand Nine Hundred Fifty Dollars and 00/100 Dollars ($23,950.00) pre-tax (see Pinkley Sales Company quote attached hereto as Exhibit B).

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NORTH LITTLE ROCK, ARKANSAS:

SECTION 1: That formal bidding is hereby waived in connection with the centralized traffic management system for the City of North Little Rock.

SECTION 2: That payment to Pinkley Sales Company in the amount of $23,950.00 is hereby authorized and has previously been included in the North Little Rock Traffic Department's 2021 Budget.

SECTION 3: That all ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of the conflict.

SECTION 4: That the provisions of this Ordinance are hereby declared to be severable, and if any section, phrase or provision shall be declared or held invalid, such invalidity shall not affect the remainder of the sections, phrases or provisions.

SECTION 5: It is hereby found and determined that the software for the North Little Rock Traffic System is in the best interest of the City of North Little Rock, and is necessary for the immediate preservation of the public health, safety and welfare; THEREFORE, an emergency is hereby declared to exist, and this Ordinance shall be in full force and effect from and after its passage and approval.

PASSED:

APPROVED:

Mayor Terry C. Hartwick

SPONSOR:

Terry C. Hartwick by AF

Mayor Terry C. Hartwick

ATTEST:

Diane Whitbey, City Clerk

APPROVED AS TO FORM:

Amy Beckman Fields, City Attorney

PREPARED BY THE OFFICE OF THE CITY ATTORNEY/kt

FILED 10:10 A.M. _____ P.M.

By A. Fields, City Atty

DATE 8/17/21

Diane Whitbey, City Clerk and Collector
North Little Rock, Arkansas

RECEIVED BY BS Dph

This is a request for Sole Source exemption for Pinkley Sales is the sole distributor of this product and it is proprietary software for use with the McCain Corridor traffic controllers . The funds are in the 2021 budget for the cost of $23,950.

We are requesting a central software to assist in the management of our traffic signals. Our current technology is out of date and we need to implement a system that will better assist us in keeping traffic flowing. Currently, we have to make changes to traffic controllers on a local level, which means we have to be at the intersection to make major changes and verification of proper timing is done visually, by driving the intersections and see how it is working. Then when changes are made, again we have to get into the cabinet and make adjustments. This is time consuming and not efficient. We have a plan in place to upgrade intersections along corridors that have the most congestion. On July 13, we began implementing changes along Main St. from 8th Street to 4th Street, to better coordinate the intersections and help with the trolleys to prevent accidents along the corridor. The new software will allow us to make changes quicker and with better results.

Transparity TMS is centralized management software designed to monitor system-wide traffic conditions and traffic system devices. The benefits of the system include:

EXHIBIT
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- Survey traffic condition remotely
- Monitor system-wide device status in real-time
- Log detailed intersection operations
- Receive notifications of device or traffic performance issues
- Measure performance, generate reports, or historical trends
- Consolidate system-wide information in a central database
- Reduce inefficiencies and issues related to mismanagement of controller timing
- Track assets and inventory
- Provide system security for our system

The current architecture has been in place since the late 80's. While equipment has been replaced with newer traffic control devices, it still runs off of the same technology. What I would like to do in the future, is have small Traffic Management Center. The first step is to implement the central software and start expanding our network to each intersection. This year I want to have McCain Blvd from North Hills to Richards on our central system. This corridor has the largest traffic volumes and is in need to an upgrade in traffic cabinets and control devices. We have started to upgrade detection and controllers and plan having most of it done by the end of the year. A couple of detection upgrades took place at McCain & Springhill, McCain & Fairway and Fairway & Crestwood. Also, we have expanded our network to each cabinet.

As we move forward, we plan to finish all of Main St. and continue down JFK Blvd implementing the system. By the end of next year we hope to have 30 intersections on the central system. By the end of this year we will have added 4 new signalized intersections and complete the project with Maumelle to add 8 more intersections stretching our reach from

Galloway to I-40 at Morgan. In total, we monitor 99 intersections, plus 20 school zone and pedestrian flashers. A future project for McCain can include an emergency vehicle priority system to allow them get "all greens" as they travel down McCain, reducing the potential for accidents.

In conclusion, we hope to have the entire city on the system in the next few years. There will be a learning curve, but we have great on-site and remote support from the vendor. The cost of the initial investment is 23,950 plus any taxes, which will include 10 intersections. Additional intersections will cost about 1500, to be added to the system and if we decide to continue the maintenance agreement will cost about 7,000 per year. Pinkley Sales is our sole distributor of this product and it is proprietary software for use with the McCain controllers we are currently implementing. Pinkley will not only be the distributor, but will also assist with on-site training and will continue to be our partner through the implementation of future deployments.

EXHIBIT

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PINKLEY SALES COMPANY

344 W. Hefner Road
Oklahoma City, OK 73114
Phone (405) 755-0858 Fax (405) 752-7947

AGENCY	JOB #	COUNTY	STATE
CITY of NORTH LITTLE ROCK	QUOTE	PULASKI	ARKANSAS
DATE:	7/8/2021		

	DESCRIPTION	QTY.	UNIT	EXT.
	Central System Software (see scope notes 1 & 2)			
1	(ES-TMS-5) Transparity TMS with 10 licenses	1	12,000.00	12,000.00
2	Project Management	1	1,200.00	1,200.00
3	Remote installation and configuration with Database plus database creation and system map configuration for 10 locations	1	1,750.00	1,750.00
	Training, Testing, and Maintenance			
4	Remote Transparity TMS training (see scope note 3)	1	1,275.00	1,275.00
5	Remote AcceptanceTest (see scope note 3)	1	1,275.00	1,275.00
6	1-Yr. Software Maintenance Agreement for a system with 10 locations (see scope note 4)	1	6,450.00	6,450.00
				23,950.00

To be paid according to the following Billing Milestones

	Completion of Transparity TMS installation, database creation, and system map config for 10 locations and graphics implementation for 10 locations (items #1&3)	1	13,750.00	13,750.00
	Completion of Transparity TMS Training (item #4) - sign-off from customer.	1	1,275.00	1,275.00
	Completion of Acceptance Test - sign-off from customer. This also marks project completion and start of maintenance period. (item 2,5,6)	1	8,925.00	8,925.00
				23,950.00

Pinkley Sales Company - CONFIDENTIAL

Scope Notes:
1. All labor is remote unless indicated otherwise. VPN or internet access is required to provide remote support.
2. Customer is responsible for ensuring that communications and detection is operational and for providing the network scheme, as applicable. Does not include any computer hardware, field support or timing conversions.
3. Training and testing will be provided remotely with onsite support from McCain regional presence and local distributor (Pinkley). Please provide 4-8 weeks advance notice for training.
4. Maintenance agreement covers a total of ten (10) hours that include telephone, email, or remote support and two (2) remote maintenance sessions each year.

CONFIDENTIALITY WARNING: Unless otherwise indicated or obvious from the nature of the communication, the information contained in this transmission and any attachments are privileged and confidential, and intended for use by the above-named recipient only. If the reader of this message is not the intended recipient, or an employee or agent responsible to deliver it to the intended recipient, you are notified that any dissemination, distribution or copying of this communication and any attachments thereto is strictly prohibited. If you have received this communication in error, please immediately notify the sender by return email, and destroy all copies of this transmission and any attachments. Thank you.

Prices quoted are good for 30 days.