Purchasing Department
Madison County Board of Supervisors
146 West Center Street
Canton, Mississippi 39046

601-855-5503
hardy@madison-co.com

31 January 2019

District 1 Supervisor Sheila Jones
District 2 Supervisor Trey Baxter
District 3 Supervisor Gerald Steen
District 4 Supervisor David Bishop
District 5 Supervisor Paul Griffin

Subject: Declare the TCSware two-camera license plate reader system that connects in real time to the DPS system to be a sole source from TCSware

Dear Board Members:

The Madison County Sheriff's Department has requisitioned a TCSware two-camera mobile license plate reader system that connects via cellular to the Mississippi Department of Public Safety's system. TCSware systems are the only tag readers allowed to connect to the DPS system, which is also a TCSware product. The DPS system provides real-time information on stolen vehicles. For example, if a vehicle is stolen in Pearl, Madison County's mobile tag reader would have real time access to the tag number as soon as Pearl uploads the information to the DPS server.

The TCSware system would provide The Sherriff's Department with the ability to instantly upload the tag numbers of vehicles stolen in Madison County, making that information immediately available to other law enforcement jurisdictions. Madison County does not presently have that ability, which can result in lost time during an emergency. For example, when the jail van was recently stolen, the Sheriff's Department had to request that another law enforcement jurisdiction upload the tag number of the stolen van to the DPS server.

If Madison County purchased a license plate reader system from another vendor, the Sherriff's Department would have to maintain its own server and manually download data daily from the National Crime Information Computer. That data could be incomplete within minutes of the download, unlike with the DPS system that operates in real time.

While not a factor in a sole source declaration, TCSware has quoted Madison County the same prices given to DPS through an ITS contract approved for DPS use. The price of the system is $17,981.

Based upon the fact that TCSware is the only manufacturer and the only seller of the requested system (which is the only system allowed to connect to the DPS system), I recommend that the board declare TCSware as the sole source vendor of the TCSware mobile two-camera license plate reader system that connects in real time to the DPS system, and authorize the issuance of a purchase order for same in the amount of $17,981

Sincerely,

Hardy Crunk
Purchase Clerk

Attachments: Quote from TCSware
DPS price sheet
Requisition 190176

Quote

23772

Date: 1/23/2019
ATTN: Jeremy
TCSWare Rep: *Joe Payne*

TCSware

Quoted For:
Madison County Sheriff 2941 U. S. Highway 51 Canton, MS 39046 USA

Item	Description	Qty	Rate	Total
LPRMOB2	2 Camera Mobile LPR System. Includes 2 Rapier 30 Dual Cameras, LPR Controller, all necessary communications equipment,(appropriate Sim card with Cellular Service Plan to be provided by customer), mounting brackets, hardware and all necessary installation and training	1	17,981.00	17,981.00

Terms	TCSWare Rep
Net 30	JP

Subtotal	$17,981.00
Sales Tax (0.00)	$0.00
Total	**$17,981.00**

Quote is Valid for 30 Days Unless Otherwise Specified

Requisition 0190176 Date 1/30/2019   MADISON CO SHERIFF'S DEPT
MADISON COUNTY   JEREMY WILLIAMS
P O BOX 608
CANTON,MS. 39046
(601)859-8241 (601)948-3897 JX
REFER TO PURCHASING OFFICE

Vendor: 15380   Ship To: VIA:
TCSWARE, INC.   MADISON COUNTY SHERIFF'S DEPT
PO BOX 54186   2941 HWY 51

PEARL   MS 39288   CANTON, MS

Quantity:Description of Supplies,Equip,Srvc: Unit Cost   :Extended
---------:---------------------------------:----------------:---------
    1.00:001200919 LPRMOB2 2 CAMERA MOBILE :   17981.00 EA: 17981.00

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                                              Total $17,981.00

Approved By:_____
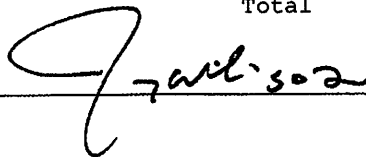
EXHIBIT A

Qty	Description	Unit Price	Amount
	FIXED CAMERA EQUIPMENT & INSTALLATION		
4	2 Lane Fixed Camera LPR Solution	$25,495.00	$101,980.00
	MOBILE IN-VEHICLE EQUIPMENT & INSTALLATION		
2	2 Camera Mobile LPR Solution	$17,981.00	$35,962.00
	TRAILER MOUNTED EQUIPMENT & INSTALLATION		
1	2 Camera Solar Trailer LPR Solution	$39,998.00	$39,998.00
	TRAINING		
1	One 6 hour training session – User Training – Included with Purchase		$0.00
1	One 6 hour training session – Admin Training – Included with Purchase		$0.00
	WARRANTY & MAINTENANCE		
1	Warranty – Year 1 Included		$0.00
1	Remote Monitoring – Year 1 Included		$0.00
	Remote Monitoring Subsequent Years – Included with Extended Warranty		$0.00
17/17	Maintenance per Annum per Site for Year 2 and Year 3	$2,000.00	$68,000.00
	PROJECT TOTAL:		$245,940.00

Optional Extended Warranty	
Description	Amount
Extended Warranty Year 2 – Per Site	$3,450.00
Extended Warranty Year 3 – Per Site	$4,600.00
Extended Warranty Year 4 – Per Site	$5,750.00
Extended Warranty Year 5 – Per Site	$6,900.00

ALPR Fixed Cost Sheet				
Part #	Description	QTY	Price	Total
NEMA Enclosure	22"H X 18"W X 10"D Pole Mount NEMA CPU Box	1	$1,100.00	$1,100.00
70225913	Hi Output Fans FAN; 120 X 120 X 38 MM	2	$57.00	$114.00
70111449	Fan Filter; 4-1/2 in. Fan; Aluminum; Black	2	$25.00	$50.00
NEMA Lock	Enclosure Lock, Pin, Raw Brass Finish	1	$85.00	$85.00
FB	Fuse Block-6 Circuits w/Negative Bus	2	$120.00	$240.00
LEC-2280E-5A	Lane Controller	1	$4,350.00	$4,350.00
ECMM	Ethernet Control & Monitoring Module	1	$500.00	$500.00
TP	Temperature Sensor	1	$50.00	$50.00
01141.0-00	THERMOSTAT, NO, 15A, 120VAC	1	$65.00	$65.00
SPSU15	Switching Power Supply	1	$195.00	$195.00
SPSU12	Power Supply	1	$95.00	$95.00
Switch5P	Ruggedized 5 Port Switch	1	$350.00	$350.00
ENS202EXT	EnGenius Access Point/Client Bridg	1	$95.00	$95.00
SP	Panel Mounted Single Phase Type 1 Surge Protective Device	1		$0.00
		Total for IPA:		$7,289.00
Rapier 50 Dual 850nm IRN	Rapier 50 Dual 850nm IR Narrow 4 LEDs	2	$5,250.00	$10,500.00
33ZK23	Cable - 12-way Rapier 4.5m Extension cable	2	$165.00	$330.00
90EQ13	Cable Adapter -12way 0.5m for Rapier BNC	2	$129.00	$258.00
80VA22	Rapier 50 Steel mount with 3-way	2	$159.00	$318.00
RAP50DSS	Rapier 50 Dual Sunshield	2	$125.00	$250.00
		Camera Total:		$11,656.00
	2 Lane ALPR Software	1	$4,050.00	$4,050.00
	Installation	1	$2,500.00	$2,500.00
		Total:		$25,495.00

TCSware Inc.-MDPS-41552-3776-Mar2015-Purchase

Trailer Cost Sheet

Part #	Description	QTY	Price	Total
Reapr Trailer Assembly	REAPR LPR Trailer	1	$12,200.00	$12,200.00
Solar Panels	250 W Poly Crystalline Modules	2	$500.00	$1,000.00
B00IFWOGL4	RENOGY 10ft. Solar Extension Cable	2	$79.00	$158.00
Solar Battery	100MaH Solar Lion Battery	2	$1,500.00	$3,000.00
TS-MPPT-45	MorningstarTS-MPPT-45 Solar Charge Controller	1	$650.00	$650.00
PS-30	MorningStar ProStar PS-30 PWM Solar Charge Controller, 30 Amp	1	$350.00	$350.00
Promar1 5/5	Promar 1 Battery Charger 10Amp	1	$250.00	$250.00
DC Power Regulator	Ruggedized DC Power Regulator	1	$350.00	$350.00
FB	Fuse Block-6 Circuits w/Negative Bus	1	$90.00	$90.00
LEC-2280E-5A	LPR Lane Controller	1	$4,350.00	$4,350.00
ECMM	Ethernet Control & Monitoring Module	1	$500.00	$500.00
TP	Temperature Sensor	1	$50.00	$50.00
VP	Voltage Sensor, 0 to 60V DC -	1	$250.00	$250.00
01141.0-00	THERMOSTAT, NO, 15A, 120VAC	1	$60.00	$60.00
Switch5P	Ruggedized 5 Port Switch	1	$350.00	$350.00
ENS202EXT	EnGenius Access Point/Client Bridg	1	$95.00	$95.00
BU-353S4 GPS	BU-353S4 USB GPS	1	$50.00	$50.00
72783	Reese Towpower 72783 Universal Coupler Lock	1	$39.00	$39.00
		Total for Trailer:		$23,792.00

Part #	Description	QTY	Price	Total
Rapier 50 Dual 850nm IR N	Rapier 50 Dual 850nm IR Narrow 4 LEDs	2	$5,250.00	$10,500.00
33ZK23	Cable - 12-way Rapier 4.5m Extension cable	2	$165.00	$330.00
90EQ13	Cable Adapter -12way 0.5m for Rapier BNC	2	$129.00	$258.00
80VA22	Rapier 50 Steel mount with 3-way	2	$159.00	$318.00
RAP50DSS	Rapier 50 Dual Sunshield	2	$125.00	$250.00
		Camera Total:		$11,656.00
2 Lane ALPR Software		1	$4,050.00	$4,050.00
Delivery/Setup		1	$500.00	$500.00
		Total:		$39,998.00

ALPR Mobile Cost Sheet

Part #	Description	QTY	Price	Total
LEC-2280E-5A	Lane Controller	1	$4,350.00	$4,350.00
Switch5P	Ruggedized 5 Port Switch	1	$350.00	$350.00
DC Power Regulator	Ruggedized DC Power Regulator	1	$350.00	$350.00
BU-353S4 GPS	BU-353S4 USB GPS	1	$50.00	$50.00
FB	Fuse Block-6 Circuits w/Negative Bus	1	$120.00	$120.00
10" Monitor	TouchScreen Monitor 10.1"	1	$700.00	$700.00
NRGB	Wireless Touch Keyboard K400 with Built-In Multi-Touch Touchpad	1	$165.00	$165.00
		Total in Car Cost:		$6,085.00
Rapier 30 Dual 850nm IR N	Rapier 30 Dual 850nm IR Narrow 4 LEDs	2	$2,800.00	$5,600.00
33ZK23	Cable - 12-way Rapier 4.5m Extension cable	2	$165.00	$330.00
90EQ13	Cable Adapter -12way 0.5m for Rapier BNC	2	$129.00	$258.00
80VA22	Rapier 30 Steel mount with 3-way	2	$179.00	$358.00
RAP30DSS	Rapier 30 Dual Sunshield	2	$150.00	$300.00
		Total Camera Cost:		$6,846.00
	2 Lane ALPR Software	1	$4,050.00	$4,050.00
	Installation	1	$1,000.00	$1,000.00
		Total:		$17,981.00