

# CLARK COUNTY STAFF REPORT

**DEPARTMENT:** Public Works/Transportation & Development Division/Signal Engineering

**DATE:** March 6, 2018

**REQUESTED ACTION:** Rescind Staff Report 013-18 and approve the purchase of adaptive software and technical services for the Working to Refine Intelligent Highway Transportation (WRIGHT) (NE 20th Avenue - NW 2nd Avenue) Project #: 361422.

Consent     Hearing     County Manager

---

## BACKGROUND

On Jan. 9, 2018, the Clark County Council approved SR-013-18 for purchasing server software for the county's traffic signal system from the manufacturer's authorized vendor, Western Pacific Signal. On Jan. 15, 2018, Trafficware, the manufacturer, informed Public Works that it had severed its agreement with Western Pacific Signal and that all purchases made after Jan. 15 would need to be made directly from Trafficware.

This requested action would rescind SR-013-18 and authorize the software purchase using a new quote from Trafficware. The purchase would use Washington State Master Purchasing Contract No. 04616 for a total cost of \$323,500, including Washington State sales tax. The cost is approximately \$6,600 more than the previous quote from Western Pacific Signal, including sales tax.

In February 2017, the Clark County Council agreed to accept a \$1,004,000 federal grant for this project, which will extend the benefit of recent traffic signal optimization projects.

The Working to Refine Intelligent Highway Transportation project will add adaptive signal technology to seven traffic signals on Northeast 139th Street in an effort to reduce congestion and crashes. Several software upgrades to the county's central traffic system, including a transit signal priority module, a connected vehicle module, a street sync module, an expanded communications system module, additional automated traffic signal performance measure reports and custom software development will also be installed.

## COUNCIL POLICY IMPLICATIONS

None. This project supports the Clark County Council's policy of providing a safe and efficient transportation system for all county residents.

## ADMINISTRATIVE POLICY IMPLICATIONS

None. This project is in the 2018-2023 Transportation Improvement Programs, 2018 Annual Construction Program (Item 23) and 2018-2019 budget.

## COMMUNITY OUTREACH

Outreach for the Transportation Improvement Program included work sessions and a hearing with the Clark County Council, presentations to Clark County Planning Commission and Development and Engineering Advisory Board, completion of a State Environmental Policy Act checklist and outreach to neighborhood groups and other stakeholders.

Pw18-044

**BUDGET IMPLICATIONS**

YES	NO	
✓		Action falls within existing budget capacity.
	✓	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	✓	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

**BUDGET DETAILS**

Local Fund Dollar Amount	\$ 50,500
Grant Fund Dollar Amount	\$323,500
Account	County Road Fund
Company Name	N/A

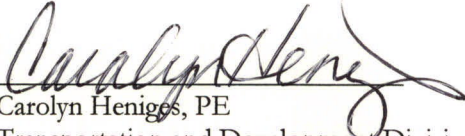
**DISTRIBUTION:**

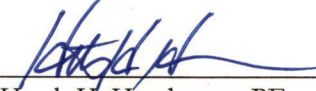
Council staff will post all staff reports to the county website, [www.clark.wa.gov/thegrid/](http://www.clark.wa.gov/thegrid/)

Please return one originally signed staff report to Public Works - Signal Engineering, attention Rob Klug.

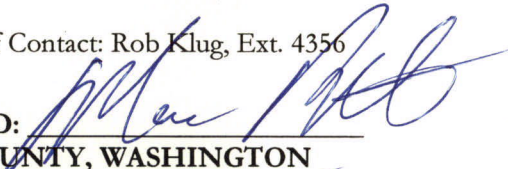
**Attachments:**

- Quote QUO-01830-F0D5H9 from Trafficware
- Vicinity Map

  
 Carolyn Heniges, PE  
 Transportation and Development Division Manager

  
 Heath H. Henderson, PE  
 Public Works Director/County Engineer

Primary Staff Contact: Rob Klug, Ext. 4356

  
**APPROVED:**  
 CLARK COUNTY, WASHINGTON  
 CLARK COUNTY COUNCIL

DATE: 3-7-18

SR# 59-18



**APPROVED:** \_\_\_\_\_  
 Jim Rumpeltes, Interim County Manager

DATE: \_\_\_\_\_



# Clark County Washington - Adaptive Traffic Signal Corridor NW 139th St at NW 2nd Av to NE 139th St at NE 20th Av



- Adaptive Signal Upgrade
- Existing traffic signal, no upgrade





**Client:**  
 Clark County  
 Vancouver, Washington 98666  
 Attn: Rob Klug  
 Phone: (360) 397-6118 x4356  
 Email: rob.klug@clark.wa.gov

**Trafficware Group, Inc.**  
 522 Gillingham Lane  
 Sugar Land, TX 77478  
 (281) 240-7233 Phone  
 (281) 240-7238 Fax  
 customercare@trafficware.com  
 www.trafficware.com

**Reference:**  
**Quote #:** QUO-01830-F0D5H9  
**RE:** Clark Co\_139th St SynchroGreen and ATMS  
**Date:** February 08, 2018

**Your Trafficware Business Development Manager**  
**Contact:** Dustin Hinds  
**Cell Phone:** (415) 215-7007  
**Email:** DustinHinds@trafficware.com

**QUOTATION FOR GOODS AND SERVICES**

Thank you for your quotation request. We are pleased to offer this quotation for goods and services as outlined under the terms and conditions noted below

PART NUMBER	QTY	DESCRIPTION	\$ / EACH	\$ / TOTAL
	1	WSDOT Master Purchase, Contract #04106, Applicable DES Fees	\$4,476.42	\$4,476.42
	660	SPM - 1 month of SPM cloud service per signal, valid from 7/1/18 -	\$15.99	\$10,553.40
	7	SynchroGreen Annual Maintenance (per intersection), valid from 7/1/18 -	\$325.00	\$2,275.00
	1	Purdue Module Credit (through DKS)	(\$22,500.00)	(\$22,500.00)
	1	Connected Vehicle - Custom Development	\$35,000.00	\$35,000.00
86804-8317	1	Connected Vehicle Remote Integration and Installation on Customer	\$10,000.00	\$10,000.00
50157-8317	1	Connected Vehicle Module (includes 2 data stream pipes)	\$75,000.00	\$75,000.00
50157-8314	1	Advanced Communications Module	\$20,000.00	\$20,000.00
97070-5000	7	StreetSync Per Device Adder	\$1,000.00	\$7,000.00
97070-5000	1	StreetSync Per Device Adder	\$5,000.00	\$5,000.00
97070-1000	1	StreetSync Module	\$15,000.00	\$15,000.00
86804-8312	1	TSP.now Remote Integration and Installation on Customer	\$7,500.00	\$7,500.00
50157-8312	1	TSP.now Module	\$15,000.00	\$15,000.00
97500-0030	7	SynchroGreen Intersection License (per intersection)	\$14,700.00	\$102,900.00
97500-0005	7	SynchroGreen Configurations/Integration (per intersection)	\$1,600.00	\$11,200.00
			<b>Line Item</b>	<b>\$298,404.82</b>
			<b>Add'l</b>	<b>\$0.00</b>
			<b>Net Amount</b>	<b>\$298,404.82</b>

**TERMS AND NOTES:**



Engineered by  Naztec

- Terms:**
- QUOTE VALID FOR 90 DAYS.
  - PRICES ARE IN US FUNDS.
  - NET 30 DAYS.
  - FREIGHT - FOB ORIGIN/FREIGHT PREPAID AND ADD
  - TAXES ARE NOT INCLUDED. ALL ITEMS SUBJECT TO APPLICABLE TAXES. IF TAX EXEMPTION APPLIES PLEASE FURNISH NUMBER OR RESALE CERTIFICATE WITH PURCHASE ORDER.
  - DELIVERY 60-90 DAYS AFTER RECEIPT OF ORDER, FOR STANDARD ITEMS. FOR NON STANDARD ITEMS PLEASE ADD AN ADDITIONAL 60 DAYS.
  - THIS QUOTATION IS FOR EQUIPMENT ONLY. QUOTE DOES NOT INCLUDE TRAINING OR TURN-ON ASSISTANCE, UNLESS STATED IN QUOTE.
- Notes:**
- ALL ORDERS ARE SUBJECT TO CREDIT APPROVAL.
  - CREDIT APPROVAL DELAYS MAY ADVERSELY AFFECT STANDARD DELIVERY TIMES.
  - CANCELLED ORDERS ON STANDARD ITEMS ARE SUBJECT TO A 25% RESTOCKING FEE. RESTOCKING FEE FOR CANCELLED ORDERS ON SPECIALTY ITEMS MAY BE HIGHER.
  - ITEM NUMBERS FOR PSI PRODUCTS (A TRAFFICWARE COMPANY) BEGIN WITH "P" TO HELP OUR PSI CUSTOMERS DISTINGUISH PSI PARTS. THESE PARTS CAN BE ORDERED WITH OR WITHOUT USING THE "P" PREFIX.
  - PLEASE SEND ALL PO'S TO [CUSTOMERCARE@TRAFFICWARE.COM](mailto:CUSTOMERCARE@TRAFFICWARE.COM)

We appreciate the opportunity to provide this quotation!

**COMPLIANCE:**

Customer represents and warrants that, in connection with the marketing, sales, and distribution of Trafficware Products, customer has complied and will comply with all applicable laws, including but not limited to: (1) anti-corruption laws (such as the U.S. Foreign Corrupt Practices Act) that prohibit directly or indirectly giving, offering, promising, requesting or accepting anything of value for the corrupt purpose of gaining a commercial benefit or advantage; and (2) U.S. export control and sanctions laws that regulate the disposition of U.S. -origin goods, software, and technology.



## CLARK COUNTY STAFF REPORT

**DEPARTMENT:** Public Works/Transportation and Development Division/Programming

**DATE:** January 9, 2018

**REQUESTED ACTION:** Approve the purchase of adaptive software and technical services for the Working to Refine Intelligent Highway Transportation project, Capital Road Project No. 361422.

Consent     Hearing     County Manager

**BACKGROUND**

In February 2016, the Board of County Councilors agreed to accept a \$685,400 federal grant for the Working to Refine Intelligent Highway Transportation project, which will extend the benefit of recent traffic signal optimization projects.

This project will add adaptive signal technology to seven traffic signals on NE 139th Street in an effort to reduce congestion and crashes. Several software upgrades to the county's central traffic system, including a transit signal priority module, a connected vehicle module, a street sync module, an expanded communications system module, additional automated traffic signal performance measure reports and custom software development will also be installed.

The project includes the county purchasing software from the qualified vendor, Western Pacific Signal. The software will be purchased via the Washington State Master Purchasing Contract No. 04616, at a total cost of \$336,195, including Washington State sales tax

**COUNCIL POLICY IMPLICATIONS**

None. This project supports the council's policy of providing a safe and efficient transportation system for all county residents.

**ADMINISTRATIVE POLICY IMPLICATIONS**

None. This project is in the Adopted 2018-2023 Transportation Improvement Programs, Adopted 2018 Annual Construction Program (Item 23) and 2018-2019 budget.

**COMMUNITY OUTREACH**

Outreach for the Transportation Improvement Program included work sessions and a hearing with the Board of County Councilors, presentations to Clark County Planning Commission and Development and Engineering Advisory Board, completion of a State Environmental Policy Act checklist and outreach to neighborhood groups and other stakeholders.

**BUDGET IMPLICATIONS**

YES	NO	
✓		Action falls within existing budget capacity.
	✓	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	✓	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

PW 18-011

**BUDGET DETAILS**

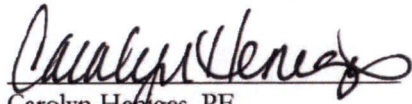
Local Fund Dollar Amount	\$ 49,436
Grant Fund Dollar Amount	\$316,759
Account	County Road Fund
Company Name	N/A

**DISTRIBUTION:**

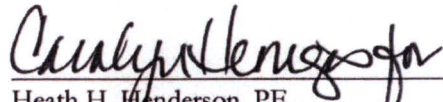
Board staff will post all staff reports to The Grid. <http://www.clark.wa.gov/thegrid/>  
Please return one originally signed staff report to Public Works Programming, attention Michael Derleth.

**Attachments:**

- Quote 27428 from Western Pacific Signal
- Vicinity Map


  
Carolyn Heenges, PE

Transportation and Development Division Manager

  
Heath H. Henderson, PE

Public Works Director/County Engineer

Primary Staff Contact: Rob Klug, Ext. 4356

  
**APPROVED:**  
CLARK COUNTY, WASHINGTON  
BOARD OF COUNTY COUNCILORS

DATE: 6-9-18

SR# 13-18



**APPROVED:** \_\_\_\_\_  
Jim Rumpeltes, Interim County Manager

DATE: \_\_\_\_\_