



City of Arlington Council Agenda Bill

Item:
WS #5
Attachment
E

COUNCIL MEETING DATE:	
December 12, 2016	
SUBJECT:	
Sole Source Traffic Monitoring Equipment and Grant Acceptance	
ATTACHMENTS:	
<ul style="list-style-type: none"> <li style="width: 50%;">• Resolution for Sole Source Equipment Purchase <li style="width: 50%;">• Product Brochure <li style="width: 50%;">• Stillaguamish Tribe Grant Notification Letter <li style="width: 50%;">• Product Estimate <li style="width: 50%;">• Sole Source Letter 	
DEPARTMENT OF ORIGIN	
Public Works - Eric Scott	
EXPENDITURES REQUESTED:	\$6,685.00
BUDGET CATEGORY:	Stillaguamish Community Grant
LEGAL REVIEW:	
DESCRIPTION:	
Acceptance of a Stillaguamish Tribe Community Contribution Grant for the purchase of a "Scout Video Collection Unit" and adoption of a Sole Source Resolution for the purchase of the "Scout Video Collection Unit".	
HISTORY:	
<p>Public Works received a Stillaguamish Tribe Community Contribution Grant to help study traffic problems within the City. The grant is to be used for the purchase of a Scout Video Collection Unit to remotely collect video data. This data will greatly enhances the City's ability to study traffic and pedestrian flows to determine if/where corrections are necessary.</p> <p>The equipment specified in the grant application is a "Scout Video Collection Unit" manufactured by Miovision, this is specialized equipment that is only offered by the manufacturer. As such, soliciting multiple bids is not feasible and staff is requesting Council approval for sole source authorization to purchase the equipment.</p>	
ALTERNATIVES	
<ul style="list-style-type: none"> - Do not authorize the sole source resolution - Remand to staff for additional discussion 	
RECOMMENDED MOTION:	
Workshop; discussion only. At the December 19 th council meeting staff will recommend the following motion, "I move to accept the Stillaguamish Tribe Community Contribution Grant and adopt the sole source resolution for the purchase of a Scout Video Collection Unit from Miovision, pending final review by the City Attorney."	

RESOLUTION NO. 2016-XXX

A RESOLUTION OF THE CITY OF ARLINGTON TO WAIVE BIDDING REQUIREMENTS FOR THE PURCHASE OF A SCOUT VIDEO COLLECTION EQUIPMENT FOR USE BY THE CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT

WHEREAS, the City of Arlington Public Works Department is responsible for monitoring traffic within the City of Arlington; and

WHEREAS, the Stillaguamish Tribe has awarded the City a Community Contribution Grant to purchase additional traffic monitoring equipment; and

WHEREAS, the grant was approved by the Tribe for the purchase of a Scout Video Collection Unit, which is specialized equipment only offered by the manufacturer and not through any other vendor, so that soliciting multiple bids in accordance with the City's purchasing standards is not feasible; and

WHEREAS, RCW 35.23.352(9) permits the waiving of bidding requirements for the purchase of materials which are clearly and legitimately limited to a single source of supply or services which are subject to special market conditions;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Arlington, as follows:

Section 1: The City Council of the City of Arlington finds that the acquisition of Scout Video Collection Unit approved by the Stillaguamish Tribal Grant clearly limits the City of Arlington to a single source of supply, justifying the waiver of competitive bidding requirements.

Section 2: The City Council of the City of Arlington hereby waives the bidding requirements for the purchase of a Scout Video Collection Unit and related equipment for use by the City of Arlington Public Works Department.

APPROVED by the Mayor and City Council of the City of Arlington this _____ day of _____, 201____.

CITY OF ARLINGTON

Barbara Tolbert, Mayor

ATTEST:

Kristin Banfield, City Clerk

APPROVED AS TO FORM:

Steven J. Peiffle, City Attorney

scout video collection unit

product
overview

Scout is the industry leading portable video data collection device, built for reliable, unattended field operation for days at a time.

bird's eye view

Easily set up Scout for a bird's-eye view of the roadway or intersection, without using a ladder or bucket truck.



color LCD screen

Use the user interface to schedule multiple study recordings, review camera setup, and watch recorded video.



portable & durable

Scout is designed, tested, and built to offer a highly portable device that can withstand vibrations & drops in the field.

open-format video

Scout records video in .mp4 format allowing for spot checking, traffic observation or manual counting.



all-weather device

Heavily tested for operating temperature range of -40°C (F) to 60°C (140°F) in rain, snow, heat, and cold.

Count Scout video manually or **upload to the Miovision Platform** for superior data accuracy.

Intersection Count	Road Volume Counts	Roundabout Count	Vehicle Gap Data	Junction Count	Pathway Count

scout video collection unit

technical specifications

SCOUT SYSTEM PACKAGE CONTENTS

- Scout Control Unit (1)
 - » Lock with Key (2)
 - » Miovision Ultra SD Card (1)
 - » USB SD Card Reader (1)
 - » Universal Charger & Regional Power Cord (1)
- Scout Pole Mount (1)
- Accessory Case (1):
 - » Scout Camera (1)
 - » Ratchet Straps (2)
 - » TR30 Screw Driver (1)
 - » Lock with Key (2)

HARDWARE ACCESSORIES (SOLD SEPARATELY)

Power Pack	Additional 96 hours of recording time.
Scout Tripod	For deployment without street poles.

WEIGHT

Control Unit	24 lb (10.89 kg)
Pole Mount	18 lb (8.16 kg)
Power Pack (optional)	30.4 lb (13.79 kg)

BATTERY AND POWER

Built-in Battery	12 V, 28 Ah sealed lead acid battery
Battery Life	72 hours (3 days)
Battery Life (with Power Pack)	72 hours + 96 hours (7 days)
Stand-By	2 months
Recharge Time	5-6 hours (typical)
Temperature impact on battery capacity	104°F (40°C) to 102% rated capacity; 77°F (25°C) to 100% rated capacity; 32°F (0°C) to 85% rated capacity; 5°F (-15°C) to 65% rated capacity.
Battery Lifespan	Up to 60% capacity after 500 full charge and discharge cycles
Power Adapter	50/60 Hz, 100VAC-240VAC; European power cord available.

SCOUT DISPLAY

Dimensions	4.5" x 3.375" (114.3 mm x 85.7 mm)
Screen Type	Backlit LCD

VIDEO RECORDING

Video Format	h264 codec; .mp4 file format
Video File Size	384 kbps (~180 MB/ hour of video)
Resolution	720 x 480
Frame Rate	30 fps

ELECTRICAL AND OPERATING REQUIREMENTS

Operating Ambient Temperature	-40°F (°C) to 140°F (60°C)
Maximum Wind Load	50 mph (~80.5 km/h)
Relative Humidity	5% to 95% non condensing
Line Voltage	100 - 240 VAC ~ 1.5A(MAX.)
Frequency	50/60Hz

MEMORY STORAGE

Miovision Ultra SD Card	Proprietary, industrial-rated memory card designed for use with Scout.
Ultra SD Expected Life	Two (2) Years; approximately 50,000 write/erase cycles
Ultra SD Temperature Range	-40°C to +85°C
Memory Type	Industrial rated; Ultra MLC (proprietary)
Control Unit Memory Storage	Each slot supports up to a 32GB SD/SDHC card (7 days of video)

CAMERA

Range	Super Wide Dynamic 120° horizontal view (Wide Lux chip embedded)
Television Lines	600TVL(Day); 650TVL(Night)
Noise Reduction	2D/3DNR
Stabilization	Digital Image Stabilizer
Voltage	12VDC

warranty

- One (1) Year Limited Warranty from date of delivery, the Hardware shall be free from defects in materials and workmanship, and function substantially in accordance with applicable documentation. At the date of purchase of the Hardware, the Customer may purchase an extended warranty for an additional 365 days.
- The battery provided with the Scout Hardware is not included in or covered by any warranty of Miovision.
- If Miovision replaces any piece of Hardware during the term of a warranty period, the warranty on such replacement piece of Hardware shall expire at the end of the applicable warranty period for the original piece of Hardware. Miovision may use refurbished portions of Hardware in replacement, provided such parts are of equal value and functionality, as determined by Miovision in its sole discretion.

support

Miovision offers free support on the Scout Hardware during the life of the product through contacting our support team. For more information on support hours of operation, and our Support Case Process, visit help.miovision.com.

Email: support@miovision.com
North American Toll-free: 1-855-360-7752



Estimate

Miovision Technologies Inc.
 148 Manitou Drive, Suite 101
 Kitchener ON N2C 1L3
 Tax ID # 831042346

Customer City of Arlington, WA
Currency US Dollar
Start Date
End Date
Invoice Codes Hardware & Shipping (HW), Software Service (SW), Setup & Support (SS)

Date	06/14/2016
Valid Until	12/11/2016
Estimate #	9324
Sales Rep	Tom Schnekenburger

Bill To
City of Arlington, WA Arlington WA 98223 United States

Ship To
City of Arlington, WA Arlington WA 98223 United States

Quantity	Description	Invoice Code	Rate	Amount
1	Scout Video Collection Unit	HW	\$3,999.00	\$3,999.00
1	- Scout Video Control Unit	HW	\$0.00	\$0.00
1	- Scout Polemount	HW	\$0.00	\$0.00
1	- Charger Cord, NA	HW	\$0.00	\$0.00
1	Power Pack and 16GB SD Card	HW	\$749.00	\$749.00
1	- Power Pack Package	HW	\$0.00	\$0.00
1	- Charger Cord, NA	HW	\$0.00	\$0.00
1	Tripod Accessory	HW	\$1,099.00	\$1,099.00
1	- Tripod Accessory	HW		
1	Shipping	HW	\$280.00	\$280.00

Subtotal	\$6,127.00
9.1% Tax (%)	\$0.00 557.56
Total	\$6,127.00 6,684.56

Additional Comments :

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The Customer hereby agrees to order the products outlined above at the prices indicated, and acknowledges it has read, understands and agrees to be bound by the terms and conditions outlined at <http://miovision.com/terms-and-conditions/>

Date: _____ Name: _____ Signature: _____

PO# (if applicable): _____

Select Payment Type: Credit Card* Check (Net Terms 30d)** Purchase Order Bank Transfer

*Requires a Credit Card Authorization form

** Requires an approved Credit Application

Eric Scott
City Engineer
City of Arlington, Washington Public Works.
154 W. Cox
Arlington, WA 98223

Miovision's Traffic Data Solution provides transportation professionals with an end-to-end data collection and management platform. Traffic data is delivered to the Platform by using Miovision's Video Collection Units, or by making a request with Traffic Data On Demand, which utilizes locally partnered traffic data firms to fulfill the request using the Miovision Video Collection Unit. Video on the Miovision Platform is processed with analysis software that uses specially developed algorithms and systems and is protected by U.S. patent 20080270569.

This letter is to confirm that the automated traffic count system provided and distributed by Miovision Technologies Inc. is a sole source product. Miovision Technologies, Inc. is the sole manufacturer of software that will analyze recorded raw video from an intersection, roundabout, highway, or mid-block location and provide a detailed, tabular report of vehicular counts, movements and classifications. Miovision Technologies, Inc. is the sole manufacturer and distributor of the portable camera hardware, mounting equipment, and video collection unit necessary to record video at an intersection, roundabout, highway, or mid-block location. Miovision Technologies, Inc. is the sole provider of a web site that allows end users to view their uploaded raw video and accompanying traffic data through a secure username and password and store it for future observation with sharing capabilities for clients and colleagues.

Miovision Technologies, Inc. is the sole provider and authorized source for support of the Miovision Platform and the repair of the Miovision Video Collection Unit.

If you desire additional information, please don't hesitate to contact me at 519-513-2407 ext 206 at any time or visit our web site at miovision.com.

Manufacturing & Shipping facilities located at:
148 Manitou Drive, Suite 101
Kitchener, Ontario, Canada
N2C 1L6

Sincerely,



Kurtis McBride, CEO
Miovision Technologies, Inc.



Stillaguamish Tribe of Indians

PO Box 277 . 3322 236th St. NE
Arlington, WA 98223

November 3, 2016

City of Arlington Public Works
Eric Scott
238 Olympic Ave. N
Arlington, WA 98223

Dear Eric Scott,

On behalf of the Stillaguamish Tribe of Indians, it is my pleasure to present City of Arlington Public Works, \$6,685.00 in support of your organization.

I, on behalf of the Stillaguamish Tribe of Indians, am pleased to acknowledge your continued service and dedication to our communities with the enclosed donation.

Thank you again, and we wish you and your organization much success in the upcoming year.

Sincerely,

A handwritten signature in black ink, appearing to read 'Shawn Yagity'. The signature is fluid and cursive, with a large initial 'S'.

Shawn Yagity
Tribal Chairman
Stillaguamish Tribe of Indians