



CAPISTRANO UNIFIED SCHOOL DISTRICT

33122 VALLE ROAD, SAN JUAN CAPISTRANO CA 92675
TELEPHONE: (949) 234-9441/FAX: 493-4083 www.capousd.org

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November 13, 2014

Seon Systems Sales, Inc.
Unite 111 – 3B Burbridge Street
Coquitlam, BC V3K7B2
Attention: Terry Akiyama, President

Subject: Notice of Award of BID No. 1415-14 –Mobile Surveillance Systems, Software & Installation for School Buses

Dear Mr. Akiyama:

At the meeting held on November 12, 2014, the Trustees awarded the above-referenced RFP to your company in accordance with the rates contained in your proposal. Enclosed is a copy of the agreement for your record.

***All checked items must be completed, signed and returned.**

✓ Commercial General Liability Insurance – Additional Insured Endorsement

Option 1: form CG 20 10 11 85

or

Option 2: Choose either Form CG 20 10 07 04 or Form CG 20 33 07 04

Either form **must be accompanied** by Form CG 20 37 07 04

Please return requested documents to:

Ms. Terry Fluent, Director, Purchasing
Capistrano Unified School District
33122 Valle Road
San Juan Capistrano, CA 92675

If you have any questions, please contact me at (949) 234-9436. We look forward to working with you.

Sincerely,

Terry Fluent
Director, Purchasing

TF:aw

SERVING THE COMMUNITIES OF:

ALISO VIEJO • COTO DE CAZA • DANA POINT • LADERA RANCH • LAGUNA NIGUEL • LAS FLORES • MISSION VIEJO
RANCHO SANTA MARGARITA • SAN CLEMENTE • SAN JUAN CAPISTRANO

V. BID FORM AND AGREEMENT
Rev. 1, dated September 15, 2014

A. Pursuant to the DISTRICT'S "Notice Calling For Bids" and the other documents relating thereto, the undersigned Bidder, having become familiarized with the terms of the complete contract, hereby proposes and agrees to be bound by all the terms and conditions of the complete contract and agrees to perform within the time stipulated in the contract and furnish the items of the contract, including everything required to be performed, and to provide and furnish any and all of the labor, materials, tools, expendable materials and all applicable taxes, utility and transportation services necessary to perform the contract and complete in a good workmanlike manner in connection with the following:

Bid No. 1415-14
Mobile Surveillance System, Software and Installation for School Buses

All in strict conformity with the Project documents, including Addenda Nos. 1 , 2 , , and , on file at the office of the Purchasing Department of said DISTRICT.

Item No.	Equipment Including Brand/Model, Description, and Specifications	Alternative Equipment Equivalent Brand/Model	Est. Qty	Unit Price
1	Digital Video Recorder (DVR) Seon TL-HD	Trooper TL-HD 5 channel 320GB HDD	74	\$952.00
2	Option – Consolidated Wiring Bundling Features: 1. Diagnostic indication/alarm button 2. GPS4 3. Five signal input 4. Google map integration 5. Geo archiving 6. <u>Digital Video Recorder (DVR) – Minimum Video Requirements</u> The DVR must record 5 independent channels of video simultaneously, switching systems are not acceptable. The DVR must be capable of recording @ 30 FPS per channel all 5 channels of video simultaneously in the primary stream (720 X 480		74	\$156.00

<p>(4 channels) or 1280 X 720 (1 channel))</p>			
<p>The DVR must be capable of recording @ 5 FPS per channel all 5 channels of video simultaneously in the secondary stream (360X240)</p>			
<p>The DVR must support data storage on 2.5" mobile ruggedized hard drives</p>			
<p>The DVR must support storage of on hard drives with a capacity of at least 1TB.</p>			
<p>The DVR hard drive must be hot-swappable and mounted in a removable, locking carrier.</p>			
<p>The DVR hard drive must connect to a PC or laptop via a USB cable.</p>			
<p>The DVR must be able to transfer recorded video and audio to a removable USB Flash drive.</p>			
<p>The DVR must have three (3) years warranty on parts and repair labor</p>			
<p>The DVR must have three (3) years warranty on storage media including hard drives.</p>			
<p><u>Digital Video Recorder — Minimum Requirements — Titles and Display</u></p>			
<p>The DVR must have a local user interface accessible using a mouse connected to a USB port on the front panel together with a monitor connected to a local video out.</p>			
<p>The DVR must have a local user interface accessible using a browser operating on a portable computer connected to a Ethernet port on the front of the DVR.</p>			
<p>The DVR must support recording the time and date with the video.</p>			

<p>The DVR time format must be selectable between 12 HR and 24 HR format.</p> <p>The DVR Date format must be selectable between Month/Day/Year, Day/Month/Year and Year/Month/Day.</p> <p>The DVR must support Auto Daylight Savings, with the date and time for the start and end of daylight savings configurable.</p> <p>The DVR must support having titles for the DVR and for each camera connected to the DVR.</p> <p>The DVR must support display of video from one or four cameras on a locally connected monitor, with automatic switching to show video from a selected camera on detection of a signal or alarm condition.</p> <p>The DVR must support display of diagnostic information on the video such as voltage, time and date, size of the hard drive, percent of hard drive space used, current alarm count, the ambient temperature inside the DVR the temperature of the hard drive inside the DVR, the number of hours the hard drive has been operating, the operation of the network connections.</p> <p>The DVR must support the ability to export a log file of the operation of the DVR.</p> <p><u>Digital Video Recorder — Minimum Requirements – Video Recording</u></p> <p>The DVR must support repeat recording and have the ability to enable or disable this function, when enabled, the recording will be overwritten once the hard drive is full, when disabled the recording will stop when the hard drive is full.</p>			
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<p>The DVR must support the ability to delay the start of recording after the ignition is turned on, of up to one hour.</p> <p>The DVR must support the ability to continue recording up to a settable time after the ignition is turned off of up to one hour</p> <p>The DVR must support the ability to remain powered on, up to a settable time after the ignition is turned off, of up to 4 hours</p> <p>The DVR must support the partitioning of the hard drive for recording video related to alarm events; the overwriting of this partition should be selectively enabled or disabled, the size of the partition should be configurable up to at least 40% of the total hard drive.</p> <p>The DVR must support a primary recording of 4 cameras at 720 X 480 resolution and one camera at 1280 x 720 resolution, all cameras recordable at up to 30 FPS, and simultaneously a secondary recording of all 5 cameras at 360X240 resolution at 5FPS.</p> <p>The DVR must support recording of all cameras at at least 4 different quality settings, each quality setting affecting the level of compression applied to the video and the resulting amount of data required to store the video on the hard drive.</p> <p>The DVR must support recording of at least 4 channels of audio.</p> <p>The DVR must support recording of video using H.264 compression.</p> <p><u>Digital Video Recorder — Minimum Requirements – Alarm and Signal</u></p> <p>The DVR must support up to 4 Alarms, each alarm</p>			
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<p>condition independently specifying a duration for modifying the resolution, frame rate and quality that the video is to be recorded, the duration for recording at the modified frame rate set to start up to 10 seconds before the alarm condition to 45 minutes after the alarm condition has occurred.</p> <p>The DVR must support 5 signal inputs, each supporting Active High or Active Low input levels for activating a user definable Alarm Condition.</p> <p>The DVR must support an optional GPS receiver for recording and displaying vehicle position, direction, and speed</p> <p>The DVR must have geo-fencing using a GPS receiver, the geofencing can be a circle of a user defined radius from a programmed coordinate or a rectangle of a user defined size defined by programmed coordinates.</p> <p>The geo-fencing must have a configurable alarm</p> <p>The DVR must include a 3 axis inertia sensor, with user defined thresholds for each axis, as well as the combined vector of all three axes, and an accident threshold.</p> <p>The DVR must have a user definable action such as activating a signal, logging the value or sending an email, when any of the thresholds of the inertia sensor are exceeded.</p> <p>The DVR must support a Wake On Alarm feature, activated by a user selectable Alarm input or manually activated switch.</p> <p><u>Digital Video Recorder — Minimum Requirements – Network Settings and User Access</u></p>			
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<p>The DVR must support up to 6 User Accounts configurable with a Username and Password, each account may have one of three levels of access to the settings of the DVR.</p> <p>The DVR must support the ability to communicate with up to 10 video management servers having different IP addresses.</p> <p>The DVR must support the ability to communicate with the video management servers at user selectable intervals of up to 5 minutes..</p> <p>The DVR must support the ability to be configured through a local user interface using a monitor and mouse.</p> <p>The DVR must support the ability to be configured through a web interface through a locally connected computer</p> <p>The DVR must support the ability to be remotely configurable through a web interface through a wireless network.</p> <p>The DVR must be able to receive a firmware update through a USB port on the front panel.</p> <p>The DVR must be able to receive a firmware update through a wireless connection using a WiFi bridge.</p> <p><u>Digital Video Recorder — Minimum Electrical Requirements</u></p> <p>The DVR must be able to be powered over an input voltage range of 8 VDC to 32 VDC.</p> <p>The DVR must consume less than 45 W when connected with 5 cameras, a GPS unit and a WiFi bridge.</p> <p>The DVR must have 400W transient protection</p>			
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<p>per signal line input.</p> <p>The DVR must store its internal settings for at least 10 years.</p> <p><u>Digital Video Recorder — Minimum Environmental Requirements</u></p> <p>The DVR must have a built-in fan (reversed to draw clean filtered air into DVR); field-replaceable filter.</p> <p>The DVR must come standard with built-in internal heater.</p> <p>The DVR must have high and low temperature protection – the DVR will power up but will not start recording until a safe internal temperature is reached.</p> <p>The DVR must have a Smart-Start power-up protection to prevent damage from voltage transients.</p> <p>The DVR must have a Smart-Temp power-up protection to not start recording until a safe internal temperature is reached.</p> <p>The DVR must operate over a temperature range from --30 to 50°C (-22 to 122°F)</p> <p><u>Digital Video Recorder — Minimum Mechanical Requirements</u></p> <p>The DVR must have a 18-gauge steel enclosure, powder painted finish with tamper-proof lock.</p> <p>The lock box and DVR are integrated with removable locking door for easy access to the DVR. Separate lock box is not acceptable.</p> <p>The door must have rounded edges for safety.</p>			
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	<p>Straight edges are not acceptable.</p> <p>The DVR must attach to a low-profile mounting plate.</p> <p>The DVR must be capable of vertical, sideways, horizontal mounting and under-mounting.</p> <p>The DVR must weigh less than 2.4 Kg (5.3 lbs)</p> <p>The DVR must pass the vibration test SAE-1455 and MIL-STD 810F</p>			
Item No.	Equipment Including Brand/Model, Description, and Specifications	Alternative Equipment Equivalent Brand/Model	Est. Qty	Unit Price
3	<p>Wedge HD Camera Seon CHW Series Mobile Wedge HD Camera</p> <p><u>Camera Minimum Specifications</u></p> <ul style="list-style-type: none"> • Resolution: 1280X720 progressive scan @ 30IPS • Image frame rate 720P (1280x720@30fps), 480P(720x480@30fps), VGA(640x480@30fps), QVGA(320x240@30fps) • Light sensitivity: 1 lux @ F2.0 / 50IRE • Sync System Internal • Gamma Correction 0.45/1 • Auto gain control 18/24/30 • White Balance On/Off/APW • Shutter speed 1/30 to 1/8192 sec • Noise Reduction Auto; 1 ~ 6 selectable • Window heater Standard • Service Monitor output: 1 VP-P/75 Ohms • Lenses supported: 2.5 mm, 16 mm 	<p>CHW702E20 HD 1280x720 pixels 2.5mm extra camera (no infrared) 20ft harness (for forward facing applications)</p>	74	\$534.00

<ul style="list-style-type: none"> • Warranty: 3 years <p><u>Mechanical Specifications</u></p> <ul style="list-style-type: none"> • The wedge camera must have dimensions no larger than 3.45 x 5.16 x 3 inches (88 x 131 x 77 mm). • The wedge camera must use 4 captive locking screws to fasten the housing. • The wedge camera must use 3 screws to mount the camera to its installation surface. The mounting screws must be external to the volume housing the electronics of the camera. • The wedge camera must be flush mountable to the mounting surface, such that the electrical cable connecting the wedge camera to the recorder remains concealed. • The wedge camera must have an adjustable lens bracket with 350 degree rotate, 15 degree pan and 30 degree tilt. • The wedge camera must have the ability to conceal the internal electronics from outside view. • The wedge camera must have the following mechanical specifications: <ul style="list-style-type: none"> • Weight: 1.2 lb. (550 g) • Housing material: solid aluminum alloy, powder coated • Mounting options: ceiling, header or surface, no brackets required <p><u>Electrical Specifications</u></p> <ul style="list-style-type: none"> • The wedge camera must have a built-in regulated power supply. • The wedge camera must have a video-out for 			
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	<p>local monitoring of the video during setup and installation</p> <ul style="list-style-type: none"> The wedge camera must have a single connector for power, video and audio. Power consumption: < 8W Input voltage: 10 to 17 VDC <p>Environmental Specifications</p> <ul style="list-style-type: none"> Operating temp. range: -40°F to 122°F (-40° C to 50°C) Environmental rating: IP67 			
Item No.	Equipment Including Brand/Model, Description, and Specifications	Alternative Equipment Equivalent Brand/Model	Est. Qty	Unit Price
4	<p>Mobile IR Camera Seon CQ Series</p> <ul style="list-style-type: none"> The camera shall have 600 TV lines resolution for a sharp image using a 1/3 inch (diag.) Sony Sensor. A lower resolution imager is not acceptable. The camera shall have 0.1 lux light sensitivity at F1.2 when the IR illuminators are off to produce a color image, and 0.0 lux with IR illumination on for a bright black and white image, to enable viewing of objects and people in complete darkness The camera shall include 14 high efficiency IR illuminators, and automatically switch to black and white at low illumination levels. The 14 IR LED illuminators shall have a switchable high intensity setting to illuminate a larger area, up to 30 feet from the camera, and a medium intensity setting to illuminate up to 12 feet from the camera. A camera that cannot adjust its IR light output is not acceptable. The camera shall have a rubber boot around the lens to prevent internal reflections from the infrared LEDs from entering the image 	<p>CQ903A50 integrated IR dome day/night 50ft harness</p> <p>CQ903A20 integrated IR dome day/night 20ft harness</p>	<p>255 CUSD to advise as to split between 903A50 and 903A20 based on fleet composition</p>	<p>\$213.00</p> <p>\$188.00</p>

	<p>sensor. Reflections of the IR LEDs in the video image is not acceptable.</p> <ul style="list-style-type: none"> • The camera shall have an electronic iris that operates from 1/60 to 1/100,000 of a second, to provide proper exposure at all light levels. The camera shall have an automatic gain control circuit (AGC) to provide proper video levels at low light levels. • The camera shall provide a video signal with an output level of 1 Volt Peak to peak, and with a signal to noise ration greater than 50 dB. The camera shall have an automatic gain control circuit (AGC) to provide proper video levels at low light levels. • The camera must have backlight compensation control that can be turned ON or OFF in order to compensate the exposure of the camera for strongly backlit scenes. The camera shall support at least the following lenses: 2.9 mm, 3.6 mm, 6mm, 8 mm, 12 mm and 16 mm lenses, to support a plurality of field of views from wide angle to telephoto. • The camera shall be designed such that all components are self-contained within a single, vandal-proof enclosure manufactured from solid aluminum alloy for maximum vandal resistance. Two-piece camera assemblies that allow for the redirection of the field of view (aim) external of the camera will not be accepted. • The camera shall have a vandal proof dome, which shall be made of impact-resistant polycarbonate, having an anti-glare, scratch resistant, hard coating that is UV protected. Other materials that are not vandal proof are not acceptable. • The camera must have an adjustable lens bracket with 360 degree pan and 90 degree tilt in order to produce a vertically erect image, whether the dome is mounted on a horizontal surface, a vertical surface or 			
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<p>angled or curved surface. An image that is not vertically erect on all mounting surfaces and mounting angles is not acceptable.</p> <ul style="list-style-type: none"> • The camera shall weigh less than 0.9 lbs (0.4 kg). • The camera must have dimensions no larger than the following: Diameter: 3.75" (95mm) and Height: 3.4" (86mm). • The camera must use a single secured locking screw to prevent tampering with the camera by unauthorized persons. A non-security screw is not acceptable. • The camera must be flush mountable to the mounting surface, such that the electrical cable connecting the dome camera to the recorder remains concealed to prevent tampering with the camera or the video signal. • Any camera assembly that is not capable of being mounted flush to the surface and/or any designs utilizing a U-Bracket type of mount will not be accepted. • The camera shall have a microphone securely mounted inside the dome with a clear audio path to the outside of the camera. Sensitivity of the microphone shall be adjustable to maximize clarity of the audio received. A nonadjustable sensitivity is not acceptable. • The camera assembly shall be equipped with connector providing a local NTSC video output in order to facilitate the connection of a video monitor that can be used for aiming the camera, making any adjustments to the lens focus and troubleshooting. Cameras not equipped with the ability to connect directly to a monitor at the local installation point will not be accepted. • The camera shall have an audio frequency response of 300 Hz - 5 KHz +/- 3dB (filtered to 			
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	<p>improve voice quality). An audio frequency response that does not include this frequency range is not acceptable.</p> <ul style="list-style-type: none"> • The camera shall operate over a range of input voltage from 11VDC to 17VDC using a built in regulated power supply. • The camera must have a single positive locking over molded connector for power, video and audio. The connector should positively lock to the wiring harness when the connectors are pushed together, without the need for a secondary locking action, such as twisting or turning. This connector must not disconnect from the connected wiring harness as a result of vibration. • The camera shall operate over a temperature range of -4F to 140F (-20C to 60C) and have an environmental rating of IP54 or better. • The camera shall have a 3 year warranty • The camera must be a Seon CQ Series Mobile IR Camera or an approved equal. 			
Item No.	Software	Product	Est. Qty	Unit Price
5	<p>Wireless Video Management Software</p> <p><u>Wireless Video Management Software — Minimum Performance Specifications</u></p> <p>The video management software shall be a multi-user, multi-site, client/server enterprise class application</p> <p>The video management software shall allow multiple licensed users to use the system at the same time</p> <p>The video management software shall be responsible for discovering the DVRs, getting the</p>	<p>VMC5BSB vMax Commander 5.0 web-based wireless and automatic video management software Includes 5 user licenses (per school base)</p>	1	\$4,000.00

<p>DVR health status, and alarm list, creating the archive job list, and processing the job queue</p> <p>The video management software shall be able to download video and telemetry data from DVRs on multiple vehicles at the same time.</p> <p>The video management system shall be web-based</p> <p><u>Wireless Video Management Software — Minimum Search Specifications</u></p> <p>The video management software shall provide the ability to filter search by:</p> <ul style="list-style-type: none"> • Vehicle group • Vehicle type • Selecting vehicles from vehicles' list <p>The video management software shall provide the ability search by alarms and events for individual vehicles or a group of vehicles</p> <p>The video management software shall provide the ability to search by time and date</p> <p>The video management software shall provide the ability to search for an alarm or event by a geographic zone; either pre-defined in the software or can be created on-demand by choosing up to eight points on a map</p> <p><u>Wireless Video Management Software — Minimum Track History Specifications</u></p> <p>The video management software shall provide the ability to view the track history of vehicles (up to five vehicles at a time) on a map</p>			
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<p>The vehicle track shown by the video management software shall clearly indicate the travel direction of the vehicle and the time of each point on the track</p> <p>The video management software shall provide the ability to request video download by selecting the start point and end point of the vehicle track on the map</p> <p>The video management software shall provide the ability to export vehicle track data in CSV or GPX format</p> <p><u>Wireless Video Management Software — Minimum Video Management</u></p> <p>The video management software shall automatically download videos based on alarm type as configured by the user</p> <p>The video management software shall provide the ability to schedule video downloads by time and date</p> <p>The video management software shall provide the ability to schedule recurring video downloads at certain time by week and month</p> <p>The video management software shall be able to assign priority level to scheduled video downloads</p> <p>The video management software shall provide the ability to schedule a video download from any number/combo of available cameras</p> <p>The video management software shall provide the option to download low resolution version of videos</p> <p>The video management software shall provide</p>			
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<p>filtering option for video archives by:</p> <ul style="list-style-type: none"> • Vehicle • Group • Archive status • Archive priority • Alarm type • Start time • End time • Execution time • Camera number <p>The video management software shall provide the option to set duration of pre-alarm and post-alarm video download</p> <p>The video management software shall handle resuming the downloading of the archives in the case that the downloading is interrupted or disconnected</p> <p>The video management software shall record who requested a video archive</p> <p>The video management software shall provide the ability to play video directly from the DVR without download</p> <p><u>Wireless Video Management Software — Minimum DVR Management Specifications</u></p> <p>The video management software shall provide the ability to change DVR settings remotely</p> <p>The video management software shall allow settings changes to be committed even when the vehicle is offline. Changes shall take place when</p>			
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<p>the vehicle become online</p> <p>The video management software shall provide the ability to update DVR firmware remotely</p> <p>The video management software shall allow firmware update to be set even when the vehicle is offline. Changes shall take place when the vehicle becomes online</p> <p>Wireless Video Management Software — Minimum Administration Specifications</p> <p>The video management software shall provide the ability to create as many user roles (access levels) as required</p> <p>The video management software shall provide the ability to create as many vehicle groups as the user needs</p> <p>The video management software shall provide the ability to create different vehicle types and assigning different icons for them</p> <p>The video management software shall provide the ability to create geographical zones, for reporting and search purpose, by choosing four points on a map</p> <p>The video management software shall provide the ability to customize each user role (access level) permissions for system features as required.</p> <p>The video management software shall provide the ability to export the following lists in comma separated file format</p> <ul style="list-style-type: none"> • Users list • Vehicles groups list 			
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<ul style="list-style-type: none"> • Vehicles types list • Zones list <p><u>Wireless Video Management Software — Minimum Reporting Specifications</u></p> <p>The video management software shall provide reports on alarms, events, geofencing reports, and user activity/system usage</p> <p>The video management software shall provide reporting on vehicle groups and on individual vehicles</p> <p>The video management software shall provide the ability to schedule recurring reports daily, weekly, monthly, or on specific week days</p> <p><u>Wireless Video Management Software — Minimum User interface</u></p> <p>The video management software shall have a dashboard that shows a summary of the vehicle status, the alarms, the health of the DVRs and the scheduled and automatic video downloads completed and pending for a specified date.</p> <p>The dashboard can be filtered by vehicle group</p> <p>The video management software shall provide the ability to play downloaded video from the dashboard</p> <p>The video management software shall provide the ability to place a vehicle in maintenance mode and display a separate icon for vehicles in maintenance</p>			
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Item No.	Software	Product	Est. Qty	Unit Price
6	License Fees	VMC5VSB vMax Commander 5.0 web-based wireless and automatic video management software (per school bus)	105 Buses	\$50.00
7	Annual Maintenance Fees	VMC5AVSB vMax Commander 5.0 annual hosting, licensing (per school bus) VMC5ABSB vMax Commander 5.0 license fee per fleet (annual hosting total for 105 buses \$1,665.00)	105 Buses	\$9.00 \$720.00
Item No.	Wireless Access	Alternative Equipment Equivalent Brand/Model	Est. Qty	Unit Price
8	<p>Wireless Bridge Seon Smart Reach Lite Mobile Bridge Wireless Bridge — Minimum Performance Specifications</p> <p>The wireless bridge shall be capable of supporting 802.11 a/b/g/n protocols</p> <p>The wireless bridge shall have Adjustable Channel support (5/10/20 MHz)</p> <p>The wireless bridge shall be capable of transmitting data at an average of 23dBm up to 54Mbps using 802.11b/g while receiving data at 54Mbp with a minimum receiver sensitivity of at least -75dBm</p> <p>The wireless bridge shall be capable of transmitting data at an average of 22/19dBm*</p>	<p>SRLGA07NP Smart-Reach Lite Mobile Bridge for TLHD</p> <p>SRLGA07 Smart-Reach Lite Mobile Bridge (existing TL4 systems)</p>	<p>74</p> <p>31</p>	<p>\$385.00</p> <p>\$405.00</p>

<p>MCS7 using 802.11n while receiving data MCS7 with a minimum receiver sensitivity of at least -74dBm</p> <p>The wireless bridge shall support an N connector to connect to an appropriate antenna</p> <p>The wireless bridge shall support an operating frequency of 2412-2462 MHz or 5170-5825 MHz</p> <p><u>Wireless Bridge — Minimum Electrical Specifications</u></p> <p>The wireless bridge shall operate between 8VDC and 32 VDC</p> <p>The wireless bridge shall consume less than 7W</p> <p><u>Wireless Bridge — Minimum Mechanical/Environmental / Warranty Specifications</u></p> <p>The wireless bridge dimensions shall not exceed 6 in X 1.25in X 1.45 in (15.2cm. x 3.1 cm. x 3.7cm.)</p> <p>The wireless bridge shall not exceed 6.5 oz. (180g)</p> <p>The wireless bridge shall operate between -4F to+140F (-40C to +80C)</p> <p>The wireless bridge shall withstand shock and vibration ETSI300-019-1.4 test.</p> <p>The wireless bridge must have one (1) year parts and repair labor warranty.</p>			
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Item No.	Wireless Access	Alternative Equipment Equivalent Brand/Model	Est. Qty	Unit Price	
9	Wireless Access Point Seon Smart Reach Wireless Access Point Mobile Bridge	SRB2NW600600 Access Point Smart-Reach Base AP, 2 radio, 2 2.4GHz mini panel 12dBi antennas, outdoor	1	\$2000.00	
	<u>Wireless Access Point — Minimum Performance Specifications</u>	SRB2NW300400 Access Point Smart-Reach Base AP, 2 radio, 1 omni directional 2.4GHz antenna, 1 GRID 5.8GHz antenna, outdoor	1	\$2099.00	
	The wireless access point shall be capable of supporting 802.11 a/b/g/n protocols	SRBL2W3 Base Lite Smart-Reach Base Lite, 2.4GHz with outdoor 6dBi omni directional antenna	1	\$799.00	
	The wireless access point shall be capable of operating at 2.4 GHz and 5.8 GHz	SWTC-PTG503 Network Accessory 5 Port Ethernet Switch	1	\$149.00	
	The wireless access point shall be capable of supporting single or dual band radios, the dual band radio supporting diversity antennas	The wireless access point shall support direct to source destination traffic forwarding to maximize application delivery without injecting a detour to the controller, enabling traffic to flow along the shortest path.	The wireless access point shall support up to 16 virtual service communities (VSCs), each with a unique SSID and MAC address, with each VSC independently configurable for authentication, encryption, VLANs, and up to four quality of service(QoS) levels	<u>Wireless Access Point — Minimum Network Management Specifications</u>	The wireless access point shall support autoselection of the RF channel and the level of transmitted power.

<p>activities for easy diagnosis.</p> <p>The wireless access point shall support PCAP packet capture on WLAN or LAN interface</p> <p>The wireless access point shall support SNMP, CLI, and web-based management interfaces for integration with third party, standards-based network management systems (autonomous mode)</p> <p><u>Wireless Access Point — Minimum Security Specifications</u></p> <p>The wireless access point shall support enforcement of client authorization based on user credentials (802.1X/EAP), hardware identifiers (MAC address, WEP key), and HTML login</p> <p>The wireless access point shall support hardware assisted encryption using WPA2/AES (IEEE 802.11i), WPA/ RC4 and/or WEP</p> <p>The wireless access point shall support simultaneous detection and prevention of wireless threats on 2.4 GHz and 5 GHz frequency bands</p> <p>The wireless access point shall support dedicated RF sensor and dedicated client access eliminatet time-slicing</p> <p>The wireless access point shall support management communication via SSH/SSL, IPSec, and digital certificates</p> <p><u>Wireless Access Point — Minimum Electrical Specifications</u></p> <p>The wireless access point shall be powered via</p>			
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<p>the Ethernet port using 802.3af</p> <p>The wireless access point shall consume less than 6.5W</p> <p><u>Wireless Access Point — Minimum Mechanical, Environmental and Warranty Specifications</u></p> <p>The wireless access point shall be available in a NEMA 4 outdoor rated enclosure, operating between -4F to +122F (-20C to +50C)</p> <p>The outdoor rated wireless access point shall not exceed 8.44 in X 7.25 in X 2.14 in (21.5 cm. x 18.5 cm. x 5.5cm.)</p> <p>The outdoor rated wireless access point shall not exceed 9 lbs (4 kg)</p> <p>The wireless access point shall be available in a indoor plenum rated enclosure, operating between 14F to +122F (-10C to +50C)</p> <p>The indoor rated wireless access point shall not exceed 6.52 in X 6.4 in X 1.88 in (16.6 cm. x 16.3 cm. x 4.8 cm.)</p> <p>The indoor rated wireless access point shall not exceed 1.5 lbs (3.1 kg)</p> <p>The wireless access point must have 1-year parts and repair labor warranty</p>			
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Item No.	Training and Installation		Est. Qty	Unit Price
10	Installation	See below	74	\$ _____
	A. Hardware – including bridges			\$ _____
	B. Installation – wireless infrastructures (access points)			\$ _____
	C. Engineering Services for wireless commissioning			\$ _____
11	Training	vMAX-view Software to easily view and archive video training vMax Commander 5.0 web-based wireless training	# of Hours No restriction on training	\$ _0_ \$ _0_

a. INST-CAMSYS Install TLHD DVR with one CQ camera/GPS, Signals and wireless bridge	74	\$300.00
INST-INTCAM Installation CQ/CJ cameras	255	\$50.00
INST-SRLB Smart Reach Wireless Bridge Installation	31	\$75.00
b. INST-WRLS Installation Smart Reach Wireless Access Point	3	\$1,900.00
c. PRS-REMOTE Remote Engineering Service Per Day	2 Days	\$750.00
PRS-ENGSITE On Site Engineering Service Per Day	4 Days	\$1,000.00
PRS-TRVL Engineering Services Travel Days To/From Site	2	\$1,000.00

- B. It is understood that the DISTRICT reserves the right to reject this bid and that this bid shall remain open and not be withdrawn for the period specified in the Notice Calling For Bids.
- C. Bidder agrees to complete the order within thirty (30) days after receipt of order.
- D. In submitting this bid, the Bidder offers and agrees that if the bid is accepted, it will assign to DISTRICT all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Business & Professions Code Section 16700 et seq.) arising from purchase of goods, materials, or services by the Bidder for sale to the DISTRICT pursuant to this bid. Such assignment shall be made and become effective at the time DISTRICT tenders final payment.
- E. If the Bidder is a corporation, the undersigned hereby represents and warrants that the corporation is duly incorporated and is in good standing in the Province of British Columbia and that Chris Akiyama whose title is Vice President of Sales is authorized to act for and bind the corporation.
- E. It is understood and agreed that if, requested by the DISTRICT, the Bidder shall furnish a notarized financial statement, references, and other information sufficiently comprehensive to permit an appraisal of its current financial condition. The Bidder hereby certifies that it is, and at all times during the performance of work hereunder shall be, in full compliance with the provisions of the Immigration Reform and Control Act of 1986 ("IRCA") in the hiring of its employees, and the Bidder shall indemnify, hold harmless and defend the DISTRICT against any and all actions, proceedings, penalties or claims arising out of the Bidder's failure to comply strictly with the IRCA.
- F. Indicate below if the undersigned will allow other public agencies in the State of California to purchase equipment and supplies under the same terms and conditions:
- Yes, other public agencies may purchase from this Bid.
- No, other public agencies may not purchase from this Bid.
- G. The undersigned will grant the DISTRICT the option to extend any contract awarded hereunder for a period of one or two years from date of expiration, under the same prices, terms, conditions, etc., contained herein. Options granted will not be considered as a factor in awarding a contract. Bidder should note any exceptions.
- Extension option for one year: X option granted option not granted
- Extension option for a second year: X option granted option not granted
- H. The Bidder attests to having read and understands all documents contained and referenced in this bid.

- I. I, Chris Akiyama _____ the Vice President of Sales (title) of the bidder hereby certify under penalty of perjury under the laws of the State of California that all the information submitted by the Bidder in connection with this bid and all the representations herein made are true and correct.

COMPANY

Name: _____

Signed by: _____

Date:

Business Address: _____

PARTNERSHIP

Name: _____

Signed by: _____ Partner

Date:

Business Address: _____

Other Partners: _____

CORPORATION

Name: Seon Systems Sales Inc.

(a British Columbia Corporation*)

Business Address: Unit 111 - 3B Burbidge Street

Coquitlam, British Columbia V3K 7B2

Signed by:  Vice - President**,

Dated: September 18, 2014

- * A corporation receiving the award shall furnish evidence of its corporate existence and evidence that the officer signing the Agreement and Bonds is duly authorized to do so.
- ** Or local official empowered to bind the Corporation.

JOINT VENTURE

Name: _____

Signed by: _____, Joint Venturer

Date: _____

Business Address: _____

Other Parties to Joint Venture:

If an individual: _____

(Signed)

Doing Business as: _____;

If a Partnership: _____

Signed by: _____, Partner

If a Corporation: _____

(a _____ Corporation)

By: _____ Date: _____

Title: _____

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed including all contract documents as indicated and re required to be submitted with this bid:

CONTRACT DOCUMENTS:

1. Bid Form and Agreement
2. Noncollusion Declaration
3. Information Required of Bidder
4. Certification - Participation of Disabled Veteran Business Enterprise
5. Certification by Contractor Criminal Records Check

Capistrano Unified School District
Bid No 1415-14
Mobile Surveillance System, Software and Installation for School Buses

Company Name Seon Systems Sales Inc

- 6. Conflict of Interest
- 7. Drug-Free Workplace Certification
- 8. Tobacco Use Policy
- 9. Workman's Compensation Certification
- 10. Certificate Of Liability Insurance
- 11. W-9 Form - Seon will be submitting a W-8BEN Form

CONTRACT TERM

The term of this base contract is for one year beginning November 13, 2014, through November 12, 2015, and may be extended by mutual written agreement of both parties and upon Board approval, for a renewal term not to exceed two (2) additional one-year periods.

Annual cost of products requested by District and provided by Vendor under this contract shall not exceed \$330,000. This amount may be increased by mutual written agreement of both parties and Board approved.

AGREEMENT ACCEPTED BY DISTRICT: CAPISTRANO UNIFIED SCHOOL DISTRICT

Signed by: 

Print Name: Terry Fluent

Title: Director, Purchasing

Date: 11/13/14