

"Placerville, a Unique Historical Past Forging into a Golden Future"

City Manager's Report
October 13, 2015 City Council Meeting
Prepared by: Scott Heller, Chief of Police
Item #: 8.7



Subject: Adopt a resolution:

1. Approving two reimbursement agreements with El Dorado County totaling \$100,000 for the purchase of equipment and services for the Downtown Camera Project under the FY14 and FY15 Homeland Security Grant Programs and authorizing the Mayor to execute the same; and
2. Authorizing the Chief of Police to enter into a purchase agreement with Cal.net in the amount of \$99,045 to begin implementation of the Downtown Camera Project; and
3. Approving a budget appropriation in the amount of \$100,000 in Homeland Security Grants for the said project.

Discussion: El Dorado County was awarded \$261,917.00 in grant funds from the FY2014 Homeland Security Grant Program (HLS 14) and \$260,773.00 in grant funds from the FY2015 Homeland Security Grant Program (HLS 15). Of these funds, \$100,000.00 has been approved by the Approval Authority Board (Authority) for the City's use, for the Downtown Camera Project (\$40,000 Phase 1 from HLS 14 and \$60,000 Phase 2 from HLS 15). The Authority was created by the El Dorado County Board of Supervisors, as required by the Homeland Security Grant program, to distribute Grant funds at the local level. The Authority is made up of the following: El Dorado County Sheriff; Placerville Chief of Police; Public Health Department representative; Environmental Management representative; and Fire Districts' representative.

As previously indicated, the City will use these HLS 14 and HLS 15 funds for the purchase of equipment and installation of the Downtown Camera Project. The Council was provided a presentation on the Downtown Camera Project at the September 22, 2015, City Council Meeting. The proposed work for this project, which has been broken into two phases, includes the purchase and installation of 8-10 cameras, mounted at separate camera placement locations (eight identified locations plus two additional optional locations), covering ingress and egress of Downtown Main Street. The systems will be comprised of multiple digital video cameras at multiple building locations (see attached CCTV project phase 1 & 2 maps), and the video will be streamed in real time to a video capture and monitoring system located on site in the parking garage server room facility or possibly at City Hall. The digital camera network provider will establish the digital communication backhaul and dedicated network links between the individual camera locations utilizing long-reach fixed wireless technology.

As part of this project the vendor, Cal.net has provided a Single-Source Letter (attached) outlining themselves as the only communications provider in the area with the resources and facilities already in place or readily available to provide a high-capacity fixed-wireless communications infrastructure to support the needs of high-quality real-time video surveillance

cameras. Cal.net will specify and supply the appropriate communications and video equipment, provide the associated engineering and installation services for the Internet and video, and maintain and service the communications link(s) with a maintenance agreement. Furthermore, the digital camera network provider shall utilize a wireless bridge comprising two or more separate wireless backhaul links – one link from the rooftop of City Hall to an existing service provider network tower or access point, and one link from the rooftop of the Old City Hall or the County Courthouse to an existing tower.

Cal.net has provided the City with a Service Agreement totaling \$99,045.12 for both Phase 1 and Phase 2 of the project. The terms and specifics of the Purchase Agreement are attached as “Proposal to The City of Placerville For Dedicated High-Speed Data & Internet Connectivity To Support Remote Video Surveillance Requirements”.

Previously, similar funds have been utilized through this same process for mobile data system computer upgrades, patrol kits, upgrading and installing additional surveillance equipment, digital video archive system and upgrades, personal protective equipment for officers, tactical dispatch communications equipment and an automated license plate recognition system. The County is prepared to reimburse the City the necessary funds for the proposed projects upon execution of the Funding Agreement between the City and the County and upon presentation of invoices for the approved equipment.

The Agreement provides the necessary assurances to the County that the funds will be spent and accounted for in accordance with the Grant program. The Authority has authorized up to \$100,000.00 for the projects. The proposed reimbursement agreement including grant assurances is attached in full for further information and review.

Options: 1. Enter into the proposed reimbursement agreements with El Dorado County and execute the purchase agreement with Cal.net to begin implementation of the Downtown Camera Project.
2. Decline the proposed funding agreement with El Dorado County and HLS grant funding in the amount of \$100,000; thus, eliminating the Downtown Camera Project.

Cost: There are no direct costs associated with this proposal. Existing PD and IT staff are to implement the projects within current job duties. HLS 14 and HLS 15 grant funds will be utilized to purchase the system. The two attached Reimbursement Agreements relate to Phase 1 and Phase 2 respectively. The system costs are estimated at:

The total cost of the proposed project (phase 1 & phase 2) is \$99,045.12

- Phase I costs will include installation of the entire wireless infrastructure, to accommodate all phases of the project build-out, and to allow for any future expansion of the camera network. Phase I will also include 6 CCTV cameras (which includes one identified optional location – see map) at the locations shown in attached CCTV project phase I map, along with the DVR recorder, allowing all Phase I cameras to be recorded. Phase I cost is set at \$36,244.75. There is a service fee of \$159.95/month to cover the wireless network service provided by Cal.net. The fee will be due the first of each month

effective upon full installation of Phase 1. This cost will be covered within the police department's operating budget (Patrol MIS Acct. #100-0811-423.31-01). Any savings achieved in the project will also be applied to the service fee.

- Phase II costs will include installation of 5 CCTV cameras (which includes two identified optional locations – see map) at the locations shown in attached CCTV project Phase II map, along with the replacement, and rewiring of (14) existing cameras in the parking structure. Phase II cost is set at \$62,800.37.

Budget Impact: None. Execution of the funding agreement with the County will allow the City to use 2014 and 2015 Homeland Security Grant funds for the projects and not impact the City's general fund or other potential grant sources.

Recommendation: Adopt a resolution:

1. Approving two reimbursement agreements with El Dorado County totaling \$100,000 for the purchase of equipment and services for the Downtown Camera Project under the FY14 and FY15 Homeland Security Grant Programs and authorizing the Mayor to execute the same; and
2. Authorizing the Chief of Police to enter into a purchase agreement with Cal.net in the amount of \$99,045 to begin implementation of the Downtown Camera Project; and
3. Approving a budget appropriation in the amount of \$100,000 in Homeland Security Grants for the said project.



M. Cleve Morris, City Manager



Scott Heller, Chief of Police

Attachments:

Resolution

Phase 1 Reimbursement Agreement with El Dorado County

Phase 2 Reimbursement Agreement with El Dorado County

Cal.net Single-Source Letter

Cal.net Proposal / Purchase Agreement

Downtown Camera Project Phase 1 and Phase 2 Maps

RESOLUTION NO. _____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PLACERVILLE APPROVING TWO REIMBURSEMENT AGREEMENTS WITH EL DORADO COUNTY TOTALING \$100,000 FOR THE PURCHASE OF EQUIPMENT AND SERVICES FOR THE DOWNTOWN CAMERA PROJECT UNDER THE FY14 AND FY15 HOMELAND SECURITY GRANT PROGRAMS, AUTHORIZING THE MAYOR TO EXECUTE THE SAME, AUTHORIZING THE CHIEF OF POLICE TO ENTER INTO A PURCHASE AGREEMENT WITH CAL.NET IN THE AMOUNT OF \$99,045 TO BEGIN IMPLEMENTATION OF THE DOWNTOWN CAMERA PROJECT, AND APPROVING A \$100,000 BUDGET APPROPRIATION

WHEREAS, The City of Placerville has been awarded \$100,000 in Homeland Security Grant Funding to implement Phase 1 and Phase 2 on the Downtown Camera Project; and

WHEREAS, the requirements to fund the project require the City of Placerville to enter into Reimbursement Agreements with the County of El Dorado; and

WHEREAS, Cal.net a single-source provider for specific technical needs of the Downtown Camera Project has estimated the total costs of Phase 1 and Phase 2 of the project to be \$99,045.12 in a purchase agreement;

NOW THEREFORE, BE IT RESOLVED, that the City Council of the City of Placerville does hereby:

1. Approve two reimbursement agreements with El Dorado County totaling \$100,000 for the purchase of equipment and services for the Downtown Camera Project under the FY14 and FY15 Homeland Security Grant Programs and authorizing the Mayor to execute the same; and
2. Authorize the Chief of Police to enter into a purchase agreement with Cal.net in the amount of \$99,045 to begin implementation of the Downtown Camera Project; and
3. Approve a budget appropriation in the amount of \$100,000 in Homeland Security Grants for the said project.

The foregoing Resolution was introduced at a regular meeting of the City Council of the City of Placerville held on October 13, 2015 by Councilmember _____ who moved its adoption. The motion was seconded by Councilmember _____. The motion was passed by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

Mayor Patty Borelli

Susan Zito, CMC, City Clerk

FUNDING/REIMBURSEMENT AGREEMENT WITH THE CITY OF PLACERVILLE

THIS AGREEMENT made and entered into by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County") and the City of Placerville, a municipal corporation (herein after referred to as "City").

Recitals

WHEREAS, County applied for FY 2014 Homeland Security Grant programs ("Grant"); and

WHEREAS, County was awarded grant funds in the amount of \$261,917, for the FY 2014 grant, which was included in the County Sheriff's Department Fiscal Year 2014 - 2015 budget, and is included in the FY 2015 – 2016 budget as well; and

WHEREAS, Grant provides funding for planning, equipment, training, exercises and management/administrative costs; and

WHEREAS, County, as the Operational Area lead agency, will receive the grant funds, purchase and loan equipment to other participating agencies, or reimburse agencies who purchase grant approved equipment; and

WHEREAS, as required by the Homeland Security Grant, on June 23, 2015, the County Board of Supervisors reaffirmed the creation of an Approval Authority, representing the City of Placerville, City of South Lake Tahoe, Sheriff, Public Health, and Fire Districts, to distribute the Grant funds at the local level; and

WHEREAS, City is a local participating agency in the FY 2014 Homeland Security Grant program; and

WHEREAS, the Approval Authority has agreed to disburse an amount not to exceed \$40,000.00 in grant funds to the City, for City to purchase and install: Video Surveillance for downtown Placerville Phase one (hereinafter referred to as the "Equipment");

NOW, THEREFORE, County and City mutually agree as follows:

ARTICLE I

Payment of Funds: County will reimburse City in an amount not to exceed \$40,000.00 solely for the purchase and installation of Equipment within thirty (30) days after City presents an invoice, as well as documentation verifying that the City complied with grant purchasing guidelines to County. In no event shall County's obligation under this Agreement exceed \$40,000.00.

ARTICLE II

Use of Funds: City will use the funds to be reimbursed by County solely for the purchase and installation of the Equipment. City is responsible for maintenance, repairs or any other costs incurred in accordance with grant purchasing guidelines related to the equipment. City shall purchase the Equipment directly from the supplier and shall take title directly without title passing through the County. City will purchase the Equipment by January 31, 2016, and present the County with an invoice for payment. In the event City does not purchase the Equipment by January 31, 2016 and invoice the County by February 28, 2016 or in the event City does not adhere to grant purchasing guidelines, County's obligation for payment shall be null and void, and upon written demand by County, City shall return any funds it has received from County and not spent on the Equipment to County within thirty (30) days of mailing of written demand of County.

City shall submit to County its statement of the total sum of an amount not to exceed \$40,000.00, identical to Attachment A, noting that the Equipment has been purchased and installed. Such statement shall be signed under penalty of perjury by an authorized signatory of the City.

ARTICLE III

Term: This Agreement shall become effective when fully executed by both parties ("Effective Date") and shall expire when grant performance period expires, currently scheduled for May 31, 2016.

ARTICLE IV

Audit and Access to Records: The County shall have the right of access to any books, documents, papers, or other records which are pertinent to the Grant, in order to make audits, examinations, excerpts and transcripts. City will keep and maintain an accurate financial account, in accordance with generally accepted accounting principles, of all funds expended by the City with respect to the Equipment until notification is provided by the county that the State Homeland Security Grant Program has closed the grant and completed all audits and reviews. Such accounting records shall be available for inspection by the County's designee, during normal business hours at the offices of the City, or the offices of its financial consultant.

ARTICLE V

Compliance with Applicable Law and Grant Requirements: City has read and understands the Grant and will comply with and require any vendor of the Equipment to comply with all laws, regulations and guidance documents that apply to the Grant (Attachment B). City is responsible for ensuring that all purchases for goods and services must comply with grant purchasing guidelines. Specifically, City shall comply with 44 Code of Federal Regulations (CFR) Parts 13

and 17, OMB Circulars A-87, A102, A-133, E.O. 12372 and the current Administrative Requirements, Cost Principles, and Audit Requirements.

City agrees to maintain accountability of all items, mark or tag all individual items or sets costing over \$5,000 for inventory and control purposes, maintain or repair any items and ensure all CFR required record keeping. ID tag numbers, location of storage, and physical condition will be reported by City to the County at the time of purchase and at least once per year thereafter.

Items lost or destroyed within the Grant Performance Period must be replaced solely by the City at its own expense. City is responsible for ensuring that all items, regardless of cost, procured under this or any federal grant programs will be maintained and controlled for the useful life of the items, and any sale, disposal or planned destruction of said items will be done only upon receipt of written approval from the U.S. Department of Homeland Security or its delegated representative.

As federally funded equipment, the City agrees that equipment must be made available for mutual aid, as requested.

In the event an audit by the County or the State of California (Cal OES) determines the City failed to comply with these guidelines, the County shall provide written notification of the violation and the City may be required to reimburse the County for the total cost of the affected items.

ARTICLE VI

Independent Authority Liability: City is, and shall be at all times, deemed independent and shall be wholly responsible for the acts of the City's employees, associates, agents, and contractors, if any, in connection with the purchase of the Equipment.

ARTICLE VII

No Third Party Beneficiary: Nothing in this Agreement shall be construed to create any rights of any kind or nature in any other party not a named party to this Agreement.

ARTICLE VIII

Termination: County may terminate this Agreement in the event City becomes unable to substantially perform any terms or conditions of the Agreement. In the event of early termination of the Agreement, funds previously received from County shall be returned to County within thirty (30) days of termination.

ARTICLE IX

Notice to Parties: All notices to be given by the parties hereto shall be in writing and served by depositing same in the United States Mail, postage prepaid and return receipt requested. Notices to County shall be in duplicate and addressed as follows:

COUNTY OF EL DORADO
360 Fair Lane
Placerville, CA 95667
ATTN: Asst. Deputy Director of OES

or to such other location as the County directs.

Notices to Authority shall be addressed as follows:

City of Placerville
3101 Center Street
Placerville, CA 95667
ATTN: Cleve Morris, City Manager

or to such other location as the City directs.

ARTICLE X

Indemnity: The City shall defend, indemnify, and hold the County harmless against and from any and all claims, suits, losses, damages and liability for damages of every name, kind and description, including attorneys' fees and costs incurred, brought for, or on account of, injuries to or death of any person, including but not limited to workers, County employees, and the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with the purchase of the Equipment or the use, operation and maintenance of the Equipment. This duty of City to indemnify and save County harmless includes the duties to defend set forth in California Civil Code section 2778.

This obligation to defend and indemnify the County shall survive the expiration or termination of this Agreement and shall remain in full force and effect. Within thirty (30) days after the Effective Date of this Agreement, City shall provide proof in a form satisfactory to the County's Risk Manger of participation in a self-insurance program, or proof of insurance sufficient to meet City's defense and indemnification obligations herein.

ARTICLE XI

Change to Agreement: This Agreement may be amended by mutual consent of the parties hereto. Said Amendment shall become effective only when in writing and fully executed by duly authorized officers of the parties hereto.

ARTICLE XII

Administrator: The County Officer or employee with responsibility for administering this Agreement is John D'Agostini, Sheriff, or successor.

ARTICLE XIII

Authorized Signatures: The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties to the obligations set forth herein.

ARTICLE XIV

Partial Invalidity: If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

ARTICLE XV

Venue: Any dispute resolution action arising out of this Agreement, including but not limited to litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California. Authority waives any removal rights it might have under Code of Civil Procedure Section 394.

ARTICLE XVI

Entire Agreement: This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties and they incorporate or supersede all prior written or oral Agreements or understandings.

ARTICLE XVII

Time is of the Essence: The parties hereto acknowledge and agree that time is of the essence.

REQUESTING DEPARTMENT CONCURRENCE:

By: _____ Dated: _____
John D'Agostini
Sheriff

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first below written.

COUNTY OF EL DORADO:

Dated: _____

By: _____
Brian K. Veerkamp, Chairman
Board of Supervisors

ATTEST:
James S. Mitrisin, Clerk
of the Board of Supervisors

ATTEST:
Susan Zito, City Clerk

By: _____ Date: _____
Deputy Clerk

By: _____
Susan Zito, City Clerk
Dated: _____

CITY OF PLACERVILLE

Approved By: _____
Patty Borelli, Mayor

ATTACHMENT "A"

Dated: _____

Sheriff John D'Agostini
Sheriff Department
County of El Dorado
360 Fair Lane
Placerville, California 95667

Re: City of Placerville
FY 2014 Homeland Security Grant Equipment

Dear Sheriff D'Agostini:

I certify that the City of Placerville completed the following purchase of the Downtown Placerville Video Project Phase 1 in accordance with grant purchasing guidelines and grant assurances (Attachment B).

(List Equipment):

Attached are the invoices for this Equipment. Please remit the reimbursement at your earliest convenience.

I declare under penalty of perjury under the laws of the State of California that the foregoing certification is true and correct. Executed on the date written above in El Dorado County, State of California.

City of Placerville:

By: _____

(Print name & title)

**FUNDING/REIMBURSEMENT AGREEMENT WITH THE CITY OF
PLACERVILLE**

THIS AGREEMENT made and entered into by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County") and the City of Placerville, a municipal corporation (herein after referred to as "City").

Recitals

WHEREAS, County applied for FY 2015 Homeland Security Grant programs ("Grant"); and

WHEREAS, County was awarded grant funds in the amount of \$260,773, for the FY 2015 grant, which was included in the County Sheriff's Department Fiscal Year 2015 - 2016 budget, and will be included in the FY 2016 – 2017 and FY 2017 – 2018 budgets as well; and

WHEREAS, Grant provides funding for planning, equipment, training, exercises and management/administrative costs; and

WHEREAS, County, as the Operational Area lead agency, will receive the grant funds, purchase and loan equipment to other participating agencies, or reimburse agencies who purchase grant approved equipment; and

WHEREAS, as required by the Homeland Security Grant, on June 23, 2015, the County Board of Supervisors reaffirmed the creation of an Approval Authority, representing the City of Placerville, City of South Lake Tahoe, Sheriff, Public Health, and Fire Districts, to distribute the Grant funds at the local level; and

WHEREAS, City is a local participating agency in the FY 2015 Homeland Security Grant program; and

WHEREAS, the Approval Authority has agreed to disburse an amount not to exceed \$60,000.00 in grant funds to the City, for City to purchase and install: Video Surveillance for downtown Placerville Phase two (hereinafter referred to as the "Equipment");

NOW, THEREFORE, County and City mutually agree as follows:

ARTICLE I

Payment of Funds: County will reimburse City in an amount not to exceed \$60,000.00 solely for the purchase of Equipment and installation within thirty (30) days after City presents an invoice, as well as documentation verifying that the City complied with grant purchasing guidelines to County. In no event shall County's obligation under this Agreement exceed \$60,000.00.

ARTICLE II

Use of Funds: City will use the funds to be reimbursed by County solely for the purchase of the Equipment. City is responsible for maintenance, repairs or any other costs incurred in accordance with grant purchasing guidelines related to the equipment. City shall purchase the Equipment directly from the supplier and shall take title directly without title passing through the County. City will purchase the Equipment by June 30, 2016, and present the County with an invoice for payment. In the event City does not purchase the Equipment by June 30, 2016 and invoice the County by July 31, 2016 or in the event City does not adhere to grant purchasing guidelines, County's obligation for payment shall be null and void, and upon written demand by County, City shall return any funds it has received from County and not spent on the Equipment to County within thirty (30) days of mailing of written demand of County.

City shall submit to County its statement of the total sum of an amount not to exceed \$60,000.00, identical to Attachment A, noting that the Equipment has been purchased. Such statement shall be signed under penalty of perjury by an authorized signatory of the City.

ARTICLE III

Term: This Agreement shall become effective when fully executed by both parties ("Effective Date") and shall expire when grant performance period expires, currently scheduled for May 31, 2018.

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Audit and Access to Records: The County shall have the right of access to any books, documents, papers, or other records which are pertinent to the Grant, in order to make audits, examinations, excerpts and transcripts. City will keep and maintain an accurate financial account, in accordance with generally accepted accounting principles, of all funds expended by the City with respect to the Equipment until notification is provided by the county that the State Homeland Security Grant Program has closed the grant and completed all audits and reviews. Such accounting records shall be available for inspection by the County's designee, during normal business hours at the offices of the City, or the offices of its financial consultant.

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Items lost or destroyed within the Grant Performance Period must be replaced solely by the City at its own expense. City is responsible for ensuring that all items, regardless of cost, procured under this or any federal grant programs will be maintained and controlled for the useful life of the items, and any sale, disposal or planned destruction of said items will be done only upon receipt of written approval from the U.S. Department of Homeland Security or its delegated representative.

As federally funded equipment, the City agrees that equipment must be made available for mutual aid, as requested.

In the event an audit by the County or the State of California (Cal OES) determines the City failed to comply with these guidelines, the County shall provide written notification of the violation and the City may be required to reimburse the County for the total cost of the affected items.

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ATTN: Asst. Deputy Director of OES

or to such other location as the County directs.

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Indemnity: The City shall defend, indemnify, and hold the County harmless against and from any and all claims, suits, losses, damages and liability for damages of every name, kind and description, including attorneys' fees and costs incurred, brought for, or on account of, injuries to or death of any person, including but not limited to workers, County employees, and the public, or damage to property, or any economic or consequential losses, which are claimed to or in any way arise out of or are connected with the purchase of the Equipment or the use, operation and maintenance of the Equipment. This duty of City to indemnify and save County harmless includes the duties to defend set forth in California Civil Code section 2778.

This obligation to defend and indemnify the County shall survive the expiration or termination of this Agreement and shall remain in full force and effect. Within thirty (30) days after the Effective Date of this Agreement, City shall provide proof in a form satisfactory to the County's Risk Manager of participation in a self-insurance program, or proof of insurance sufficient to meet City's defense and indemnification obligations herein.

ARTICLE XI

Change to Agreement: This Agreement may be amended by mutual consent of the parties hereto. Said Amendment shall become effective only when in writing and fully executed by duly authorized officers of the parties hereto.

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Authorized Signatures: The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties to the obligations set forth herein.

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Partial Invalidity: If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

ARTICLE XV

Venue: Any dispute resolution action arising out of this Agreement, including but not limited to litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California. Authority waives any removal rights it might have under Code of Civil Procedure Section 394.

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Entire Agreement: This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties and they incorporate or supersede all prior written or oral Agreements or understandings.

ARTICLE XVII

Time is of the Essence: The parties hereto acknowledge and agree that time is of the essence.

REQUESTING DEPARTMENT CONCURRENCE:

By: _____ Dated: _____
John D'Agostini
Sheriff

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first below written.

COUNTY OF EL DORADO:

Dated: _____

By: _____
Brian K. Veerkamp, Chairman
Board of Supervisors

ATTEST:
James S. Mitrison, Clerk
of the Board of Supervisors

ATTEST:
Susan Zito, City Clerk

By: _____ Date: _____
Deputy Clerk

By: _____
Susan Zito, City Clerk
Dated: _____

CITY OF PLACERVILLE

Approved By: _____
Patty Borelli, Mayor

ATTACHMENT "A"

Dated: _____

Sheriff John D'Agostini
Sheriff Department
County of El Dorado
360 Fair Lane
Placerville, California 95667

Re: City of Placerville
FY 2015 Homeland Security Grant Equipment

Dear Sheriff D'Agostini:

I certify that the City of Placerville completed the following purchase of the Downtown Placerville Video Project Phase 2 in accordance with grant purchasing guidelines and grant assurances (Attachment B).

(List Equipment):

Attached are the invoices for this Equipment. Please remit the reimbursement at your earliest convenience.

I declare under penalty of perjury under the laws of the State of California that the foregoing certification is true and correct. Executed on the date written above in El Dorado County, State of California.

City of Placerville:

By: _____

(Print name & title)



Internet and Telephone

4101 Wild Chaparral Drive, Shingle Springs, CA 95682
530-672-1078 • 844-4CALNET • <http://www.cal.net>

27 August 2015

To: Placerville Police Department

Re: Single-Source Letter for Surveillance Camera Project

This letter has been written to confirm that Cal.net, Inc. is a sole-source provider of the communications services required to implement the Downtown Placerville surveillance camera project envisioned by the Placerville Police Department.

Cal.net is the only communications provider in the area with the resources and facilities already in place or readily available to provide a high-capacity fixed-wireless communications infrastructure to support the needs of high-quality real-time video surveillance cameras. Cal.net offers the following single-source benefits:

- Only Cal.net's fixed-wireless backhaul architecture with data capacities approaching 800 Mbps can support the current and future capacity needs of this project. By contrast, cellular data cannot support the full-frame rate (30 frames per second) High-Definition data rates of 15 Mbps or more per camera, especially when aggregating multiple cameras to a single recording location, where all of the camera data streams must travel together over one communications link.
- If the Placerville Police Department ever wishes to allow other governmental entities (or the public) access to the live video streams from the surveillance cameras, Cal.net is the only fixed-wireless communications provider in the area with the backhaul capacity to transport all of the camera data streams simultaneously to the Internet, if necessary.
- Cal.net is the only provider with exclusive access to a hilltop tower ideally situated to overlook the entire downtown Placerville area. This provides the ideal architecture for aggregating each of the camera data streams. It also offers a unique vantage point for fire detection purposes by utilizing a pan/tilt/zoom mounted atop the tower.
- Per FCC regulation 15-47 (GN Docket No. 12-354), adopted on April 17th, 2015, and as a result of proactive use of the relevant frequency bands prior to that date, Cal.net is now the only fixed-wireless operator in El Dorado County with exclusive use of these FCC licensed frequencies, which enables interference-free wireless communications. This provides Cal.net total control over the quality of the wireless communications signals.
- As a fixed-wireless operator, Cal.net offers the only solution that does not require tearing up the streets of the city to lay communications cable between the camera locations and City Hall, where the recording system will be located. This not only drastically reduces the cost in comparison the alternative, it also significantly shortens the development time.

Cal.net, Inc. warrants that no other communications services are available for purchase that would serve the same purpose or function, due to exclusive distribution and access rights and the intrinsic functional capabilities of Cal.net.

Kenneth E. Garnett
Chief Technology Officer



Bringing the World to the Woods

4101 Wild Chaparral dr. Shingle Springs, CA 95682
530-672-1078 • 844-4calnet

Proposal to The City of Placerville
For Dedicated High-Speed Data & Internet Connectivity
To Support Remote Video Surveillance Requirements

Overview

The City of Placerville is planning to establish video surveillance capability at the following locations; 10 or more separate camera locations within the city of Placerville, covering ingress and egress of Downtown Main Street. The systems will be comprised of multiple digital video cameras at multiple building locations(see attached CCTV Project maps), and the video must be streamed in real time to a video capture and monitoring system Located on site, in the parking garage server room facility, or in the City hall server room.

Cal.net shall provide the digital communication backhaul and dedicated network link(s) between the individual camera locations utilizing long-reach fixed wireless technology. The systems shall be designed to meet the current requirements for the above-noted locations.

Cal.net shall specify and supply the appropriate communications and Video equipment, provide the associated engineering and installation services for the Internet and video, and maintain and service the communications link(s) with a maintenance agreement.

Requirements

These are the requirements for the communications as presently specified by Darin Baldy, IT Analyst for the City of Placerville. Located at 3101 Center Street, Placerville, CA 95667

- Enable real-time video streaming at a minimum resolution of 640x480 pixels and up to 30 frames per second capability utilizing either H.264 or MPEG-4 compression
 - Implies continuous data rate of approximately 2.0-3.0 Mbps per camera which can be adjust remotely if needed.
 - Individual wireless links to each camera with specific bandwidth requirements, based upon data rates required.
- Infrared panels may be required for night time recording due to lack of current lighting capabilities, if IR panels become a requirement to improve night time surveillance at a later date, additional costs will be required for the panels.

Solution

Cal.net shall utilize a wireless bridge comprising two or more separate wireless back haul links – one link from the Roof top of City Hall to an existing Cal.net tower or access point, and one link from the roof top of the Old City Hall, or the County Courthouse to an existing tower.

Recording Options

- Live stream all cameras directly to the recording device requiring a minimum of 2.0Mbps per camera and 1.5-2.0 Terabits of storage per camera for a 30 day rollover, and this is calculated at approximately 7-10 fps. More detailed recording is possible just by changing the camera settings. Actual Recordings may be a much higher quality picture than an over the internet connection, depending upon the actual streaming video settings on the cameras, and the bandwidth available to the location streaming. If the streaming location is out of the dedicated network for the cameras, video quality can vary dependent upon the equipment utilized to view the cameras, and the bandwidth available at that location.

Benefits

The proposed Cal.net solution shall provide the following benefits for the City of Placerville:

- Ability to support up to 25 or more simultaneous video camera data streams delivered to the storage facility, at the required quality level
- Unrestricted continuous private access to all cameras at the required recorded quality level.
 - Camera locations will have minimal battery backup capability in the event of a power outage at the individual camera locations; Cal.net tower locations have long-term backup capabilities, as will the uplink radios, and main Internet feed to the facility roof tops.
- At City of Placerville's discretion, they can allow other authorized entities such as law-enforcement agencies direct password-protected viewing access to any of the facility's cameras recordings.
 - All camera devices can optionally be provided with public IP addresses
- Live, local technical support and service, both on site and remote.
 - Cal.net is based in Shingle Springs, and has local telephone and wireless service technician support. Camera SLA is available upon request.

Terms and Pricing

- **City of Placerville CCTV Project:** The total cost of the proposed project is \$99,045.12 Attached as exhibit A is a complete Project Breakdown of Labor and Materials.
- **This project will be broken down into two phases for funding purposes.**
 - Phase I. installation will include the entire wireless infra structure, to accommodate all phases of the project, and to allow for any future expansion of the camera network. Phase I. will also include 6 CCTV cameras at the locations shown in exhibit B,1-4, along with the DVR recorder, allowing all Phase I. cameras to be recorded.
 - Phase I. cost is set at \$36,244.75
 - Balance of Phase I.is due within 30 days of completion.
 - Monthly service:
 - 6-12 cameras – \$159.95

- More than 12 cameras – Quoted per job, and may be monitored and billed based upon actual bandwidth usage.
- \$159.95/month–due on first of each month for service that month
- Phase II. Installation will complete the balance of the cameras which includes 4 additional cameras on and around Main street, and the replacement, and rewiring of the existing cameras in the parking structure. This portion of the project needs to be scheduled within close proximity time wise of the completion of Phase I
- The balance of entire project will be due upon completion of Phase II. for a total of \$62,800.37.

Prerequisites

Cal.net will need to be provided the following at each remote camera site:

- Unfettered access, to equipment enclosures, and roof top access to service equipment.
 - Accessible for service/maintenance by Cal.net/ or its contractor personnel without prior coordination with another party
- 120 V AC electrical service outlets to each camera mounting location, if power is not available a licensed contractor may need to be hired to provide the outlet, at an extra cost, or the city can bring in their personnel to provide a 120v power outlet. Cal.net has contractors for this purpose; however the city knows their infrastructure much better than any outside contractor.

Scope of Work

Cal.net/ or its contractor shall perform the following work in fulfillment of the project requirements:

- At the camera site(s):
 - Mount and align Cameras, radios and antennae
 - Install all required equipment in the equipment enclosure
 - Run and terminate all cabling between radios and other camera, and non-camera components
 - Install and connect all Cameras and necessary equipment
- At the existing Cal.net tower/Access sites:
 - All work required to establish a relay link between the camera site(s) and the Recording device(s)
- Verify the communication viability between the camera site(s) and the server location.
- Cal.net does not provide services for the customer’s internal network changes.

Construction and Payment Schedule

Cal.net shall build out and Invoice according to the proposal under **Terms and Pricing**. Payments will be due within 30 days of completion.

Changes

- Any change in initial specifications or requirements will result in a change order, and a possible increased installation costs
- This bid does not provide for an in network connection to the dispatch office at the Placerville Police department. Viewing live video from that location will require the feed to go over the open internet, and therefore require specific upload bandwidth from the cameras, and download bandwidth for optimal viewing capabilities.
- Monthly fees subject to change
 - Monthly fees quoted above are contingent upon bandwidth requirements, and are based upon the herein-stated requirements. Any change in operational factors resulting in the need for increased bandwidth may require adjustment to the monthly fees – such changes might include increased resolution (higher than the specified 640x480), or a change in compression algorithms (for example, M-JPEG requires about triple the bandwidth of MPEG-4 or H.264).

The products and/or services specified above are intended to meet or exceed customer requirements; however, final responsibility lies with the customer to confirm that the specified items are acceptable for the intended purpose. Any changes (including additions, substitutions, or deletions) required will result in appropriate adjustments to the final cost and/or monthly fees. Cal.net will not be held responsible for typographical or other errors. This proposal may be subject to change after 90 days from 8/31/2015.

By signing below, signee acknowledges receipt of this proposal and agrees to the terms and specifications of this proposal.

Accepted by:

By: _____

Name: _____

Title: _____

For: _____

Date: _____



Placerville Police Department Downtown Camera Project



Downtown Camera Project - PHASE 1



Center Street across from City Hall (City Sign)
 Centro - 485 Main Street
 Candy Strike - 398 Main Street
 Ivy Lot - 601 Main Street
 C&H Auto Parts - 610 Main Street x 2



● Alternate location



Placerville Police Department Downtown Camera Project

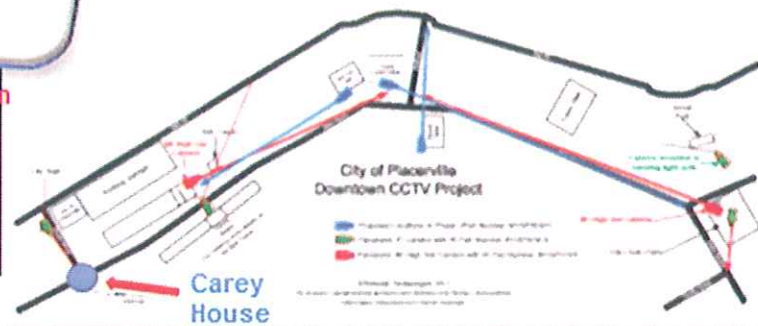


Downtown Camera Project - PHASE 2



● Alternate location

Old City Hall
 El Dorado County Court Building or DA Building
 Round Table Pizza - 512 Main Street



● El Dorado Fire Department - Station 25