



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM**

**REGULAR MEETING
Wednesday, January 11, 2017**

SUBJECT

Consider and Approve the purchase of a new CCTV surveillance system for the Roberto Bustamante Wastewater Treatment Facility.

BACKGROUND

The existing CCTV system is over a decade old with 19 analog color cameras. The current system has exceeded its estimated useful life, and staff recommends upgrading to modern equipment. The Avigilon CCTV system offered by PyroCom Systems, will consist of 24 IP cameras with a Network Video Recorder (NVR). The Avigilon CCTV is currently installed at multiple El Paso Water facilities. PyroCom Systems, will provide a one-year parts and 90 day labor warranty and will also provide training for Utility personnel who will operate the equipment.

EVALUATION PROCESS

A quote was received from PyroCom Systems, utilizing the Education Service Counter (ESC) Region 19 Allied States Cooperative RFP Number 15-7077. Staff evaluated the quote and recommends purchasing these materials from PyroCom Systems, in the amount of \$66,294.32.

FINANCIAL IMPLICATIONS

Sufficient funds are available in account number 1912-012, and the funding source is the Improvement Fund.

PROPOSED ACTION REQUESTED

Approve the purchase of the Avigilon CCTV system through the ESC Region 19 Allied States Cooperative Contract Number 15-7077 from PyroCom Systems, Inc. for the Roberto Bustamante Wastewater Treatment Plant in the amount of \$66,294.32.

SUPPORTING DOCUMENTATION PROVIDED

- PyroCom Systems, Inc. Quote # CO16-137
- Region 19 Contract Number 15-7077



Submitted to: Leticia Missirian
Project Name: Surveillance System
El Paso Water Utilities
10001 South Side
El Paso, TX 79907
Submitted by: Sharon Robinet
Date: December 21, 2016

Quote: C016-137 Bustamante Surveillance System Revision 6
Region 19 Contact No. 15-7077 Audio, video, security & low voltage equipment, supplies and installation.

I. GENERAL

This proposal/agreement includes equipment, materials, and labor necessary for the installation of a surveillance system for the above referenced project. This proposal will be considered as a turnkey installation and will contain the required equipment for completion. System shall be installed to meet local codes including NFPA, Standard Building Code, and Life Safety Code and in conjunction with all applicable practices and codes required by the Texas Department of Public Safety, Private Security Board.

II. Findings

The existing system is composed of nineteen (19) analog color cameras connected by coaxial cable to a digital recorder in the IT room on the first floor of the Administration Building. The recorder is non-functional. Some cameras are functional on the loaner DVR and some are not. Most of the functioning cameras have poor picture quality.

Existing cameras are as follows:

Ten (10) Stationary cameras

- One (1) located on the far road past the Head Works building this could possibly be a homeland Security camera.
- Three (3) located in the In the septic receiving station building
- One (1) located on the administrative building panning across the Aeration Basin
- One (1) located at the end of the Aeration Basin
- One (1) located on the administrative building viewing down one side of the chlorine building.
- One (1) viewing down the front of the administrative building.
- One (1) located on the road entering the facility.
- One (1) located on the far end of administrative building.

Nine (9) Pan Tilt zoom cameras

- Two (2) located out on the far road where the wires were previously cut.
- Two (2) located out on the further part of the road passed the septic receiving station.
- Three (3) located within the septic receiving station
- One (1) located on Pan America drive
- One (1) in between the four large tanks west of the septic receiving station.



III. SCOPE OF WORK

Surveillance System

PyroCom Systems will install an Avigilon surveillance system which includes cameras, power supplies, a Network Video Recorder (NVR) and Ethernet cabling for the new proposed cameras and coax to Ethernet converters for the existing cabling.

PyroCom Systems Inc. will remove nineteen (19) existing analog cameras and will install a total of twenty-four (24) Avigilon IP cameras. See facility drawing for placement of cameras.

Cameras will be installed as follows:

- Ten (10) 2MP bullet cameras. Please see drawing for locations.
- Three (3) 2MP dome cameras located in the upstairs hall in the administration office and down stairs hallway.
- One (1) 2mp bullet at the front gate viewing entry traffic to the facility.
- Ten (10) 12MP Multi sensor cameras viewing the perimeter of the property.

Please see attached drawing for camera placements and views

IV. PARTS LIST

Avigilon items reflect the Region 19 contract pricing: MSRP-20%

<u>QTY</u>	<u>MODEL</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extended Price</u>
1	HD-NVR3-PRM-32TB	HD NVR3 PRM 32TB NA 2U Rack Mount	\$17,200.00	\$17,200.00
1	16C-ACC5-ENT	Enterprise license for up to 16 camera channels	\$3,596.00	\$3,596.00
1	8C-ACC5-ENT	Enterprise license for up to 8 camera channels	\$1,832.00	\$1,832.00
10	2.0W-H3-BO1-IR	2.0 Megapixel (1080p) WDR HD Bullet, 3-9mm f/1.2 P-Iris	\$388.00	\$3,880.00
3	2.0-H3M-DO1 -	2.0 Megapixel HD Micro Dome Camera 2.8mm	\$304.00	\$912.00
11	12W-H3-4MH-DP1	4x 3 Megapixel WDR Day/Night, 2.8-8mm	\$1,700.00	\$18,700.00
1	SG300-28PP-K9-NA	Switch POE+ 180W, 24 Port	\$623.50	\$623.50
1	OE-55LED	55" LED Monitor	\$579.99	\$579.99
1	TS-106168J	Connectors- cat 5e mod plugs	\$44.23	\$44.23
1	69586-U24	Patch Panel	\$222.47	\$222.47
15	Ebridge 1PCTX	Ebridge Coax to IP Converter	\$139.81	\$2,097.14
1		category 5e cable	\$130.50	\$130.50
1	Ebridge16PCRM	16 Port Ebridge Coax to IP Converter	\$2,337.72	\$2,337.72
2	TEW-734APO	Trendnet 13 dBi Outdoor POE access point	\$245.98	\$491.96
1	TPE-TG50G	5-PORT Gigabit POE Switch	\$161.88	\$161.88
10	H3-BO-JB -	HD Bullet Camera Junction Box	\$76.00	\$760.00
6	MNT-AD-POLE-B	Pole Mounting Bracket	\$72.00	\$432.00



6	MNT-PEND-WALL	Pendant Mount	\$72.00	\$432.00
1	VGA-ROOF-MOUNT	Parapet Mount	\$307.76	\$307.76
1		40' Boom Lift/per week	\$1,495.00	\$1,495.00
1		Miscellaneous	\$362.50	\$362.50
1		Cat5e cable outdoor	\$359.31	\$359.31
24		Patch Cords	\$2.02	\$48.37
		Labor (Design, Installation and Training)	\$9,288.00	\$9,288.00
			<u>Total</u>	<u>\$66,294.32</u>

III. NOTES

- ALL ASSOCIATED LOW VOLTAGE ELECTRICAL AND DATA CABLING IS COVERED UNDER THIS AGREEMENT.
- ALL EQUIPMENT IS TO BE MOUNTED AS PER BEST PRACTICES.
- CUSTOMER WILL PROVIDE LOCATION FOR EQUIPMENT.
- THIS PROPOSAL ASSUMES THAT THE EXISTING CABLE IS FULLY FUNCTIONAL. ANY DISCREPANCIES WILL BE REPORTED TO CLIENT FOR ADJUSTMENT OR REPLACEMENT IF REQUIRED.
- THIS QUOTE ASSUMES THAT THE CLIENT WILL INSTALL A FOUR INCH CONDUIT BETWEEN THE CHLORINE ROOM AND THE ADMINISTRATION BUILDING.
- THIS PROPOSAL ASSUMES THERE IS 110 VAC POWER LOCATED IN THE ADMINISTRATION BUILDING, SECURITY ROOM.

IV. PRICING SUMMARY & TERMS

Surveillance System Installation: \$66,294.32 tax is not included.

PAYMENT TERMS: 50 % due at signing balance upon completion. All prices are plus applicable taxes.
 Net 30 days.
 Price valid for 60 days.

Warranty

All parts are warranted for a period of one year from the date of installation. Warranty covers components used under normal wear and tear conditions, and excludes damage by others, fire, water, and acts of God. Labor for replacement or repair of components is covered for a period of ninety days from the date of installation. Maintenance and service will be provided during regular business hours of Monday-Friday 8:00 am -5:00 pm, legal holidays excluded. After hours or weekend service is provided at \$95.00 per hour with a two-hour minimum. The holiday rate is \$145.00 per hour with a two-hour minimum.

V. OPTIONS

Maintenance Program

PyroCom is pleased to provide an extended service agreement for \$410.00 per month with a one (1) year agreement and an option to extend in twelve (12) month increments not to extend beyond thirty-six (36) months in the aggregate. The Monthly Maintenance covers the components of this system, parts and labor, as long as the agreement is in force. Maintenance and service will be provided during regular business hours of Monday-Friday 8:00 am -5:00 pm, legal holidays excluded. After hours or weekend service is provided at \$90.00 per hour with a two-hour minimum. The holiday rate is \$135.00 per hour with a two-hour minimum.



VI. ACCEPTANCE OF PROPOSAL/ CONTRACT

The scope of work and pricing stated herein are accepted. You are authorized to begin work as specified herein under the Purchase Order stated below.

Authorized by: _____

Date: _____

Purchase Order: _____

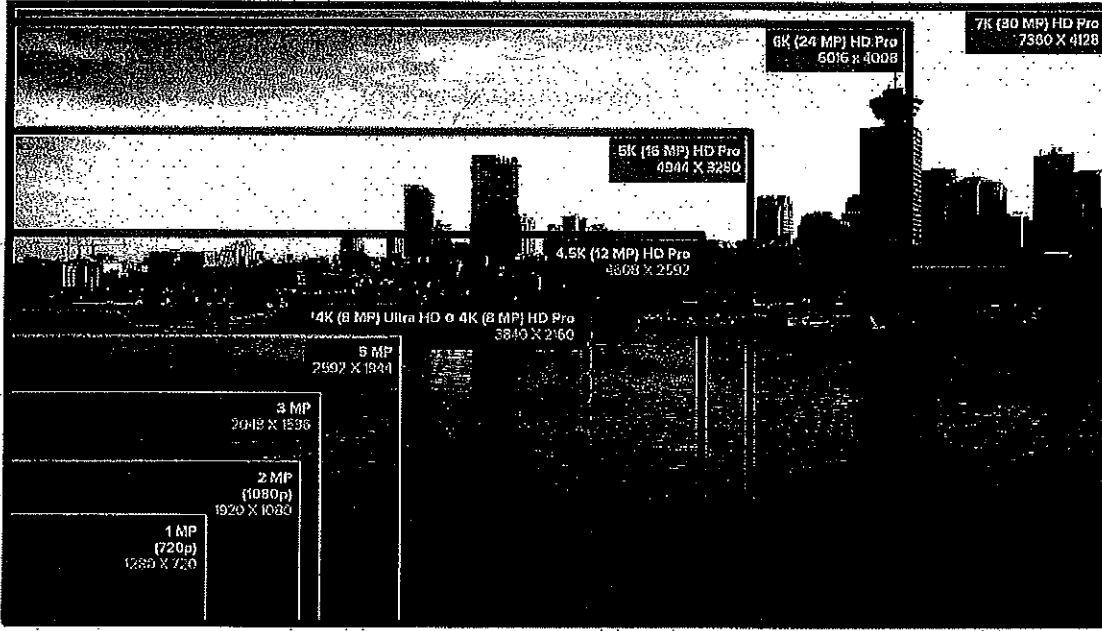
Amount: _____

Thank you again for the opportunity to serve you.

Best regards,

Sharon Robinet
by [Signature]

Sharon Robinet
Vice President of Sales
PyroCom Systems, Inc.
srobinet@comco-solutions.com



*H4 HD Cameras, *H4 HD Bullet, *H4 HD Dome, HD Micro Domo Cameras, HD PTZ Cameras

Avigilon HD Pro Cameras: 4K (8 MP), 4.5K (12 MP), 6K (16 MP), 6K (24 MP) and 7K (30 MP)

**EDUCATION SERVICE CENTER REGION 19
RFP AWARD SUMMARY**

RFP TITLE: Audio, Video, Security & Low Voltage Equipment, Supplies and Installation – ESC Region 19 Allied States Cooperative

RFP NUMBER: 15-7077

RFP OPENING DATE: October 21, 2014

CONTRACT TERM: Date of award until October 31, 2015 with an option to extend 12 month increments not to extend beyond 36 months in the aggregate
(Extended by Region 19 until October 31, 2016)
(Extended by Region 19 until October 31, 2017)

FUNDING SOURCE: Various

RFP's ISSUED: 105

RESPONSES: 17

ADVERTISEMENT DATES: El Paso Times September 26 and October 3, 2014

BOARD MEETING DATE: December 18, 2014

RECOMMENDED FOR AWARD

911 Security Cameras
ACP Direct
AISYS Consulting, LLC (HUB)
AV Concepts & Security
D.W. Collins dba AVX
~~CFI Security, Inc.~~ (changed to Tyco Integrated Security as of May 2015)
Tyco Integrated Security
DuMotion Audio-Visual & Video, Inc.
ElectriPro, Inc. dba Integrated Technologies and Design (HUB)
Ford Audio-Video Systems, LLC
H.B. Electronics, Inc. (HUB) HB Pro Sound (as of October 2016)
~~Lifetime Memory Products, Inc.~~ (removed as of October 2015)
Matrix Special Systems, Inc.
PyroCom Systems, Inc.
SD Technologies, LLC
Sigma Surveillance, Inc. dba STS360 (HUB)
Team 1st Technologies, LLC
Troxell Communications, Inc.

TOTAL (estimated) **\$ 4,000,000.00 / year**

EXPLANATIONS:

Award of this contract will enable ESC-Region 19 and its Purchasing Cooperative members to purchase audio video, low voltage equipment, supplies and installation. In those few instances, a multiple award is recommended in the best interest of all ESC Region 19 Cooperative members while satisfying the cost savings of volume commitments by the ESC Region 19 Purchasing Cooperative. Vendors who did not provide the required references or were not able to be contacted were not considered in the best interest of the ESC Region 19 Purchasing Cooperative. Contact vendors or visit vendor's web sites for catalogs for more information. Only vendors who provided complete price lists were recommended for award. Region 19 Cooperative members should ask for manufacture price list to confirm discounted pricing is correct when using this contract.

SPECIFICATIONS PROVIDED BY: Royce Cleveland
ESC Region 19 Allied States Cooperative

EVALUATION COMMITTEE: Royce Cleveland
ESC Region 19 Allied States Cooperative

Martin Camacho
ESC Region 19 Allied States Cooperative

Mary Jane Lopez
ESC Region 19 Allied States Cooperative

Contact Information:

911 Security Cameras

Jeff Willis

10878 Plano Rd. Ste. F

Dallas, TX 75238

214-341-6565

Fax: 214-341-1126

www.911securitycameras.com / jeff@911securitycameras.com

ACP Direct

Lisa Austin

PO BOX 703168

Dallas, TX 75370

800-238-8009

Fax: 800-238-3117

www.acpdirect.com / lisa@acpdirect.com

AISYS Consulting, LLC (HUB)

Elizabeth Lopez

1217 E. Hackberry Avenue

McAllen, TX 78501

956-686-0101

Fax: 956-686-0106

www.aisysconsulting.com / elopez@aisysconsulting.com

AV Concepts & Security

Mario C. Dixon III / Alice Quintero

11601 Pellicano Suite A1

El Paso, TX 79936

915-307-3607

Fax: 915-307-2725

www.avconceptsandsecurity.com / mario@avconceptsandsecurity.com / alice@avconceptsandsecurity.com

~~CFI Security, Inc. (changed to Tyco Integrated Security as of May 2015)~~

~~John Deslongchamps~~

~~1845 Northwestern Dr. Suite B~~

~~El Paso, TX 79912~~

~~915-778-6064~~

~~Fax: 915-778-6064~~

~~www.cfi-ep.com / jdeslongchamps@cfi-ep.com~~

Tyco Integrated Security

John Deslongchamps / John Langell

11800 Rojas Drive Suite C-1

El Paso, TX 79936

800-289-2647 / 505-250-5785 / 915-433-6473

Fax: 915-591-0623

www.tycois.com / jmlangell@tyco.com / jdeslongchamps@tyco.com

Contact Information:

DuMotion Audio-Visual & Video, Inc.

Harold du Quesnay
1601 Montana Ave.
El Paso, TX 79902
915-532-2760
Fax: 915-532-8467
www.dumotionav.com / dumotion@aol.com

D.W. Collins dba AVX

Paul Geesaman
6600 Montana Ave. Suite Q
El Paso, TX 79925
915-778-9111
Fax: 915-771-7411
www.avxwholesale.com / paul@avxwholesale.com

ElectriPro, Inc. dba Integrated Technologies and Design (HUB)

John N. Wever
117 N. Cotton St., Ste. A
El Paso, TX 79901
915-532-8687
Fax: 915-532-1701
www.intechd.com / security@intechd.com / sales@intechd.com

Ford Audio-Video Systems, LLC

David Allen
1340 Airport Commerce Drive, Ste. 470
Austin, TX 78741
512-447-1103
Fax: 512-447-0111 / 800-645-6744
www.fordav.com / alled@fordav.com

H.B. Electronics, Inc. (HUB) dba HB Pro Sound (as of October 2016)

Alberto Bordier
6000 Gateway Blvd. E
El Paso, TX 79905
915-755-2552 / 915-727-8639 cell
Fax: 915-775-0161
www.hbprosound.com / alberto@hbelectronicshb.com

~~Lifetime Memory Products, Inc. (removed as of October 2015)~~

~~Jason Jackson
2505 Da Vinci
Irvine, CA 92614
800-233-6233 / 949-794-9000
Fax: 949-794-9023
www.lifetimememory.com / jason@lifetimememory.com~~

Contact Information:

Matrix Special Systems, Inc.

Greg Adams
3634 Wooster Ln.
El Paso, TX 79936
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matrix3915@sbcglobal.net

PyroCom Systems, Inc.

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915-772-0880 / Cell 915-373-6735
Fax: 915-772-0885
josh@pyrocomsystems.com / srobinet@pyrocomsystems.com

SD Technologies, LLC

Rebecca A. Sullivan
11436 Rojas Dr. Ste. B-17,
El Paso, TX 79936
915-629-0463
Fax: 915-590-1971
rsullivan@sd-tech.us

Sigma Surveillance, Inc. dba STS360 (HUB)

John Hoffman
1081 Ohio Drive, Suite 1
Plano, TX 75093
972-392-3635
Fax: 866-223-8167
www.sts360.com / sales@sts360.com

Team 1st Technologies, LLC

David Dworsky
2033 Santa Ana Rd. NE
Rio Rancho, NM 87144
505-977-5818 / 844-472-6750
Fax: 505-212-0313
www.tean1sttech.com / daved@team1sttech.com

Troxell Communications, Inc.

Michael Fabio / Desiree Flanagan
11024 Montgomery Blvd. NE #298
Albuquerque, NM 87111
505-266-0608 / 800-578-8858 ext. 4121
Fax: 505-266-5492 / 800-589-5939
www.trox.com / desiree.flanagan@trox.com

Award Contents

1. AUDIO TO INCLUDE SPEAKERS, AMPLIFIERS, RECEIVERS, MICROPHONES, MIXING CONSOLES, AND ACCOSTIC PANELS - pages. 6-8
2. VIDEO TO INCLUDE TV'S, MONITORS, PROJECTORS, SCREENS, AND MOUNTS; WHOLESAL PRICE LIST MUST BE INCLUDED – pages. 9-11
3. SECURITY TO INCLUDE CONTACTS, RESIDENTIAL BURGLAR ALARMS, COMMERCIAL BURGLAR ALARMS, AND GSM– pages 12-13
4. CCTV TO INCLUDE DVR (DIGITAL VIDEO RECORDERS), NETWORK VIDEO RECORDERS, AND SURVEILLANCE CAMERAS – pages 14-15
5. NETWORK TO INCLUDE PATCH PANELS AND SWITCHES – pages 16-17
6. COMMUNICATIONS TO INCLUDE INTERCOM, PHONE SYSTEMS, AND RELATED – pages 18-19
7. ACCESS CONTROL TO INCLUDE GATE OPERATORS, SINGLE DOOR ACCESS, MUTLIPL DOOR ACCESS PC BASE CONTROL, ELEVATOR CONTROL ACCESS, AND STAND ALONE – pages 20-21
8. ACCESSORIES, POWER, AND WIRE TO INCLUDE TOOLS, SAFETY EQUIPMENT, CABLING, CONNECTORS, WIRE (DATA, AUDIO, POWER, ACEES, SECURITY SYSTEMS), UPS BACKUP (AUDIO, VIDEO, SURVEILLANCE), POWER CONDITIONERS, AND POWER SUPPLIES- pages 22-24
9. AV FURNITURE AND RACKS TO INCLUDE AUDIO AND VIDEO CABINETS, PODIUMS, MICROPHONE STANDS, AND CARTS – page 25-27

***ElectriPro, Inc. dba Integrated Technologies and Design hourly rate changed from \$60.00 to \$69.00 effective February 9, 2016.**

Changes to PyroCom Systems, Inc. on Manufacturer / Wholesaler, % markup or % discount and Installation Cost effective April 21, 2016