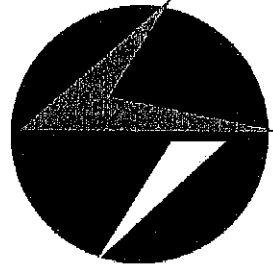


CTS



Corporate Technology Solutions

PHOENIX - TUCSON

PROJECT NAME

City of El Mirage – PD Access Control and Video Surveillance



Scope of Work and Proposal

Due Date:
9/30/2020

Respectfully Submitted By:

Curtis Johnson

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Corporate Technology Solutions, LLC

Corporate Office

1971 E. 5th Street, Suite 111

Tempe, Arizona 85281

(480) 377 – 0225 Office

www.ctscabling.com

STATEMENT OF WORK:

General:

CTS will provide and install additional access control devices and video surveillance equipment based on the separately attached floor plan and site walk.

Video Surveillance:

The existing Interlogix network video recorder will be replaced with a Samsung 64 Channel network video recorder with 48TB worth of storage capacity. It has been identified that (7) existing cameras are requiring replacement and have been included in this proposal. CTS will provide and install bullet cameras at (14) locations, mini domes at (11) locations, and standard domes in (2) locations. A 49" monitor and mount will be installed near the processing counter (El Mirage will be responsible for providing electrical outlet and PC with HDMI output for viewing of the cameras). The camera that will be mounted out on the pole overlooking the vehicle gate will require a multi-channel media converter and has been included. (PoE switches to be provided and installed by City of El Mirage).

Camera storage parameters are estimations and based on the below parameters:
1920x1080 resolution ,12 Frames Per Second, H.264 compression, and 50% motion activity.

Final camera views and positions will be reviewed with end user.

Access Control:

CTS will provide and install access control at (6) additional locations as noted per the separately attached plan. Each door will be fitted with an electrified strike, door contact, request to exit motion sensor, and card reader. Some locations will require surface mounted conduit due to concrete filled frames and walls. (3) additional dual reader interface modules will be installed in the head end along with additional power supplies to support the new access control locations. A new enclosure will be installed to accommodate the new additions.

Assumptions:

- All work will be performed during normal business hours.
- PoE Switches by others
- PC with HDMI by others
- All IP addresses and network parameters by others
- 120 Volt power will be by others.

Exclusions:

- 120 Volt Power and Conduit pathways
- Drywall Patching, Repair or Painting

Project Costs:

Materials	<u>40,635.00</u>
Labor	<u>15,464.00</u>
Misc	<u> </u>
Sub Total	<u>56,099.00</u>
Tax Rate	<u>9.300%</u>
Material Tax	<u>3779.06</u>
Labor Tax	<u>0.00</u>
Total	59,878.06

Payment Terms: Progress Billing Net 30

Material: FOB – Project Site

Tax: No Tax Included

Print Name: _____

Accepted by: _____

Title: _____

Date: _____

P.O. # _____

Billing
Address: _____

Bill of Materials:

PRODUCT	PART NUMBER	DESCRIPTION	UOM	QTY	UNIT
Windy City	custom skip wrap	18/4 UNS, 22/2 UNS, 22/4 UNS, 22/6 OAS (ALL PLEN	LF	2,000	
Windy City	556600	Cat6 Plenum White	LF	5,000	
Windy City	7' Path Cable	7' Patch Cables Cat6	EA	40	
UTC	1078-M	RECESSED STEEL DOOR CONTACT W/WIRE LEADS 1"	EA	6	
BOSCH	DS160	MOTION REX (GRAY)	EA	6	
Schlage	ND80TDRHO626	Garde 1 Storeroom with Const. Core	EA	1	
Schlage	MT15	Multi Tech Reader	EA	6	
Samsung	XNV-6012	2MP Vandal Dome	EA	11	
Samsung	XNV-L6080R	2MP IR Outdoor Dome	EA	2	
Samsung	SBV-158G	Dome Back Box	EA	1	
Samsung	SBP-160TM	Tilt Mount	EA	1	
Samsung	XNO-L6080R	2M Network IR Bullet Camera	EA	21	
HES	8300C-630	Electrified Strike	EA	6	
LG	49LT340COUB	LG Commercial Lite 49" LED Display	EA	1	
Snap AV	B6-4K2-3	Binary B6 Series 4K Ultra HD Premium Certified Hig	EA	1	
Snap AV	SM-CB-T-M	Strong Carbon Series Tilt Mount	EA	1	
Advantech	EKI-2525MI	4-port Ethernet Switch w/ 1-port 100FX Multi-mod	EA	2	
CTS	CTS	Misc. Connectors and Mounting Hardware	EA	1	
Tamarco	2" J-Hook Clip-on	2" J-Hook Clip-on Comfort Cradle	EA	100	
Tamarco	3' hanger	solid hanger w/shot	EA	100	
LENEL	LNL-1320-S3	Dual Reader Interface Module	EA	3	
INTERSTATE BATT	SEC1075	12V 7AH BATTERY	EA	2	
Samsung	XRN-3010A-48TB	64 Channel NVR with 48TB	EA	1	
LSP	FPO150-B100C8D8PE4M1	150w 12&24v 8lck 8aux E4m1 Enc	EA	1	
C6	Cat6 Patch	Cat6 Patch Panel 24 Port	Ea	2	
Labor Only	CTS	Labor to program and test	EA	1	
Labor Only	CTS	Project Management Hours	EA	1	
Labor Only	CTS	Owner Training	EA	1	

CTS STANDARD PROVISIONS

All OSP (outside plant cabling) are estimates only. CTS will verify the actual lengths prior to installation with true tape and provide a credit or cost impact document before the installation.

Any additional work not specified in this scope of work or any additional work request from customer will result in a CTS change order.

This proposal pricing is good for a period of 90 days unless otherwise noted.

Where material prices fluctuate, CTS reserves the right to adjust pricing if there are changes in material pricing. Written documentation from our suppliers to verify this condition can be provided.

Customer is responsible for any freight charges if the customer requests an expedited time frame.

CTS will require a project schedule showing all times the facility will be available. Including but not limited to, facility events, closures or limitations that may affect continuous work. Without a schedule, there is no way for CTS to commit to an end date for completion. Delays in the schedule will delay the completion date. Any requested overtime to improve the completion date will constitute a change order.

Any schedule changes or project delays due to work areas not being available during the scheduled time, and or any other interruptions outside of CTS control, including but not limited to delay by other trades or customer could result in additional cost to customer. Written notification is required 5 days prior to any schedule changes.

This SOW assumes normal day shift of 8 continuous working hours between 5am and 5 pm, unless otherwise specified and agreed to in writing. Any work outside of this time frame may be subject to additional shift premiums.

This SOW includes one mobilization only. Changes that required additional starts and stops may be subject to additional charges via a change order. This would include, but not limited to, storage, equipment rentals, travel expenses, and other expenses incurred.

This quotation assumes that all existing and new conduits are properly sized with pull string installed and that any new conduits, pathways, wire mold, power poles, core holes, sleeves, and floor boxes, not mentioned in the above scope of work, will be provided and installed by other vendors and will be ready prior to cable installation.

Phone Systems, Network Devices, Active Equipment are not included, unless otherwise stated in the scope of work. Any other Control Components are NOT included in this proposal as directed, unless otherwise specified. It is the assumption that the owner will provide its own system to perform the functions as needed.



Patch Cords are not included unless otherwise stated in the scope of work.

All Contracts and/or Purchase Orders will be subject to monthly progress billings.

Retention dollars are to be paid within 60 days after the completion of our original scope of work, regardless of the total job completion.

Any project valued at \$2500 or above is subject to a pre-lien.

Effective Jan 1, 2015, customer is responsible for supplying CTS with Arizona Transaction Privilege Tax Exemption Form (TPT 5000) or Prime Contractor's Certificate (TPT 5005) as applicable.

	CONTRACT AMENDMENT (OPTIONAL RENEWAL)	CITY OF PHOENIX Public Works / Procurement 200 W. Washington Street 7 th Floor Phoenix, Arizona 85003
	Effective Date: October 14, 2019 Solicitation No.: RFP 15-ASD-002 SRM/SAP Contract No.: 4701001187 City Clerk Contract No.: 140045 Amendment No.: 4	
Contract Title: Security Systems Design, Installation, and Maintenance	Buyer Name: Kristina Pylant	
Contractor Name OR Contact: Corporate Technology Systems, LLC	Telephone No.: (602) 495-7231	
Contractor E-mail: cjohnson@ctscabbling.com	Buyer E-mail: kristina.pylant@phoenix.gov	
THE ABOVE REFERENCED CONTRACT IS AMENDED AS FOLLOWS:		
Under the Contract's Terms of Agreement, the contract term is extended from February 1, 2020 through January 31, 2021.		
ALL OTHER CONTRACT PRICES, TERMS, AND CONDITIONS WILL REMAIN THE SAME		
Contractor hereby acknowledges receipt of and agreement with the amendment. A signed copy must be returned to the Public Works/Procurement Division.	City of Phoenix, a municipal corporation Ed Zuercher, City Manager	
<u><i>Curtis Johnson</i></u> Signature	By: <u><i>[Signature]</i></u> Ginger Spence Public Works Director	
Curtis Johnson Printed Name	ATTEST:	
Sales Engineer Title	<u><i>[Signature]</i></u> 10-19-19	
Date: <u>10-14-2019</u>		

Approved as to form this 9th day of January 2018. This document has been approved as to form by the City Attorney and is on file with the City Clerk. It need not be submitted to the City Attorney for approval unless the form document is altered.