



CITY OF CHANDLER, ARIZONA

Chandler Video Detection Cameras – Various Intersections

**Project No. ST2110.401
Federal No. CHN-0(249)D
ADOT No. T030001X**

ADDENDUM NO. 1

Date: January 4, 2023

1. Bidder must acknowledge the receipt of this addendum on the Proposal Acknowledgement page of the **BID SUBMITTAL**. This addendum, containing **3 pages**, is hereby incorporated into the Construction Agreement by this reference.
2. Bid due date has been changed. Sealed bids must be delivered to the City of Chandler Capital Projects Office located at 215 East Buffalo Street, Chandler, Arizona, 85225. Bids must be received on or before **3:00 p.m. local Arizona time on January 12, 2023**.
3. Replace Plan Sheet 3 in its entirety with the attached Plan Sheet 3 dated January 3, 2023.
4. Questions:
 1. Question 1 - Plan Sheet No. 2, General Note #8 States the Following. "No final acceptance shall be issued until 4 mil photo mylar reproducible "As-Built" Plans certified and sealed by a Registered Civil Engineer, have been submitted and accepted by the City Engineer".
 - "As-Built" Plans certified and sealed can be submitted electronically by Registered Civil Engineer.
 2. Question 2 - How much time (Hours/Days) will be allowed to have the existing (OLD) Vehicle Detection System inoperative, while the NEW Vehicle Detection System is being installed and calibrated?
 - New cameras must be installed and calibrated the same day. City Signal Techs will manually control the intersection when the cameras are being replaced.
 3. Question 3 - Technical Specification, Page No. 2, Bid Items. It States the Following. "Photographing and video taping of the project". Will this be required.
 - Photographing and video taping of the project will be required to capture existing conditions to protect the contractor.

4. Question 4 - Technical Specification, Page No. 5, Warranty. It States the Following: "The Ethernet switches shall be warranted by the Contractor against all defects in material and workmanship for a minimum of one year. In the event of a malfunction during the warranty period, the defective unit, card, module, subassembly, or auxiliary device shall be replaced with a working unit within three working days for use while the warranted unit is being repaired". Due to the warranty requirements, the contractor will be required to stock spare(s) Ethernet Switches(s).
 - Contractor is in charge of means and methods to meet requirement.
5. Technical Specification, Page No. 10, Item's No. 9, 10, and 11. FLIR – TrafiSense Dual 2. Please provide what variation the FLIR – TrafiSense Dual 2 will be required.
 - The City requires Variation 645.

If you have any questions, please e-mail the Paula Brown at: **paula.brown@chandleraz.gov**.



Kimberly Moon, P.E.
CIP City Engineer
Public Works & Utilities Dept. – Capital Projects

No.	E-W Corridor	N-S Corridor	Signal Cabinet Location	Signal Cabinet Type	Communications Media	New Video Det. Cameras	New CCTV	CCTV Preferred Corner	New Switches		New Wireless Radio	Remove Exist Video Det.	Remove Exst CCTV	REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
									Fiber	Copper				9	AZ	CHN-0(249)D	3	5	
1	Western Canal	Arizona Ave	SW	ADOT - TYPE IV	Wireless	2	0		1	0	1	0	0	T0300 01C					
2	Chilton Dr	Arizona Ave	NW	ADOT - TYPE IV	Fiber	4	0		1	0	1	2	0						
3	Elliot Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	1	SWC	0	0	0	4	0						
4	Palamino Dr	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	0		0	0	0	2	0						
5	Warner Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	1	SWC	0	0	0	4	1						
6	Knox Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	0		0	0	0	4	0						
7	Ray Rd	Arizona Ave	NW	ADOT - TYPE IV	Fiber	4	1	NWC	0	0	0	4	1						
8	Galveston St	Arizona Ave	SE	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
9	Erie St	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	0		1	0	0	2	0						
10	Chandler Blvd	Arizona Ave	NE	ADOT - TYPE IV	Fiber	4	1	NWC & leave existing in place	0	0	0	4	0						
11	Buffalo St	Arizona Ave	NW	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
12	Boston St	Arizona Ave	NE	ADOT - TYPE IV	Fiber	4	0		1	0	0	2	0						
13	Chicago st	Arizona Ave	SW	ADOT - TYPE IV	Fiber	0	0		1	0	0	0	0						
14	Frye Rd	Arizona Ave	NW	ADOT - TYPE IV	Fiber	4	0		0	0	0	4	0						
15	Fairview St	Arizona Ave	NE	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
16	Pecos Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	1	SEC	0	0	0	4	0						
17	Walmart	Arizona Ave	NE	ADOT - TYPE IV	Fiber	3	0		0	0	0	3	0						
18	SR 202 (WB)	Arizona Ave	NE Corner of North Intersection	ADOT - TYPE IV	Fiber	3	1	NEC of North Intersection	0	0	0	2	0						
19	SR 202 (EB)	Arizona Ave		Fiber	3	1	SWC of South Intersection	0	0	0	2	0							
20	Willis Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	0		0	0	0	4	0						
21	Germann Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	1	NWC	0	0	0	4	0						
22	Queen Creek Rd	Arizona Ave	SW	ADOT - TYPE IV	Fiber	4	1	NEC	0	0	0	4	0						
23	Warner Rd	Ithica St	SE	NEMA TS2-TYPE 1	Copper	4	0		0	1	0	2	0						
24	Ray Rd	Hamilton St	NW	ADOT - TYPE IV	Copper	4	0		0	1	0	2	0						
25	Ray Rd	Jackson St	SE	ADOT - TYPE IV	Fiber & Copper	4	0		1	1	0	2	0						
26	Warner Rd	McQueen Rd	SE	ADOT - TYPE IV	Fiber & Copper	4	1	SWC	1	1	0	4	0						
27	Highland Dr	McQueen Rd	SW	ADOT - TYPE IV	Fiber & Copper	4	0		1	1	0	2	0						
28	Knox Rd	McQueen Rd	SE	ADOT - TYPE IV	Copper	3	0		0	1	0	1	0						
29	Orchid Ln	McQueen Rd	NW	ADOT - TYPE IV	Copper	4	0		0	1	0	4	0						
30	Ray Rd	McQueen Rd	NE	ADOT - TYPE IV	Fiber & Copper	4	1	SWC	1	1	0	4	1						
31	Galveston St	McQueen Rd	NE	ADOT - TYPE IV	Fiber	4	0		0	0	0	2	0						
32	Orchid Ln	Cooper Rd	SW	ADOT - TYPE IV	Copper	4	0		0	1	0	2	0						
33	Ray Rd	Cooper Rd	SW	ADOT - TYPE IV	Copper	4	1	NWC	0	1	0	4	0						
34	Pecos Rd	Gilbert Rd	NE	ADOT - TYPE IV	Fiber	4	1	NWC "G" POLE	0	0	0	4	0						
35	Springfield Pl	Gilbert Rd	NE	ADOT - TYPE IV	Fiber	4	0		1	0	0	4*	0						
36	Chandler Auto Pkwy	Gilbert Rd	NE	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
37	SR 202 (WB)	Gilbert Rd	SW Corner of South Intersection	ADOT - TYPE IV	Fiber	3	1	SWC of North Intersection	0	0	0	2	0						
38	SR 202 (EB)	Gilbert Rd		Fiber	3	1	NEC of South Intersection	0	0	0	2	0							
39	Crossroads	Gilbert Rd	NE	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
40	Germann Rd	Gilbert Rd	NE	ADOT - TYPE IV	Fiber	4	1	SWC	0	0	0	4	0						
41	Ryan Rd	Gilbert Rd	NW	ADOT - TYPE IV	Fiber	4	0		1	0	0	4	0						
42	Queen Creek Rd	Gilbert Rd	SE	ADOT - TYPE IV	Fiber	4	1	NEC	0	0	0	4	1						
					Total	156	17		16	10	2	128	4						
				* FLIR Trafisense Camera															

REGISTERED PROFESSIONAL ENGINEER

49892

MANOJKUMAR PAVITHRAN

Chandler, Arizona, U.S.A.

EXPIRES: 09/30/2024

C.O.C. LOG NO. CIV22-0133

CHANDLER

arizona

CITY OF CHANDLER

975 E Armstrong Way, Building L

Chandler, Arizona 85286

LOCATION NOTES

PROJECT NO: ST2110.401

SCALE: Not to Scale

DESIGNED BY: MP

APPROVED:

DRAWN BY: CR

DATE: 1/3/2023

SHEET NO:

REV:

REV:

REV:

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