



March 30, 2020

ROBERTO GARCIA
HIDALGO COUNTY PRECINCT 2
300 W. HALL ACRES RD. STE G
PHARR, TX 00000

Re: BIKES & TRAILS
Bid # Q01031

Dear ROBERTO:

Thank you for the opportunity to submit the following proposal for the above referenced project.

Scope of work:

PHASE 1- TOTAL+ \$212,510.78 + 8500.43 = 221,011.21

5MP MEGAVIEW - HANWHA PNM- 9000VQ 10.00 EA @	1,530.00	\$15,300.00
1/2.8" 2MP CMOS WITH A 2.8MM FIXED FOCAL LENS, FOV: H: 107.4°, V: 62.2°, FOR THE PNM-9000VQ- HANWHA SLA-2M2800Q 20.00 EA @	76.50	\$1,530.00
1/1.8" 5MP CMOS WITH A 7.0MM FIXED FOCAL LENS, FOV: H: 50.7°, V: 37.8° FOR THE PNM- 9000VQ- HANWHA SLA-5M7000Q 20.00 EA @	225.00	\$4,500.00
CAP ADAPTOR FOR THE PNM-9000VQ AND PNM-9030V - HANWHA SBP- 276HM 10.00 EA @	67.50	\$675.00
CAMERA WALL MOUNT GOOSENECK STYLE, IVORY- HANWHA SBP-300WM 10.00 EA @	71.10	\$711.00
POLE MOUNT ADAPTER ACCESSORY, USE WITH SBP-300WM, IVORY- HANWHA SBP-300PM 12.00 EA @	71.10	\$853.20
WISENET X- HANWHA XNV-6080RS 4.00 EA @	1,458.00	\$5,832.00
POLE MOUNT- ALTRONIX PMK2 12.00 EA @	130.61	\$1,567.32
HARDENED POE+ SWITCHES WITH		



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OPTIMIZED LITHIUM IRON PHOSPHATE BATTERY CHARGER- ALTRONIX NETWAYSP4LWPX	12.00	EA	@	1,102.50	\$13,230.00
SMALL FORM-FACTOR PLUGGABLE (SFP) SINGLE MODE TRANSCEIVER- ALTRONIX P1SM10	20.00	EA	@	60.48	\$1,209.60
CAT6 7FT PATCH CORD- LEVITON 62460-07L	10.00	EA	@	7.25	\$72.50
CATEGORY 6 CABLE BLUE- ESSEX 77-240-2B	1,500.00	LF	@	0.365	\$547.50
2U WISENET WAVE NETWORK VIDEO RECORDER KIT- HANWHA WRR-5501 -36TB	2.00	EA	@	13,426.56	\$26,853.12
24 PORT FIBER SWITCH- RUCKUS ICX7850-32Q-E2	1.00	EA	@	25,519.50	\$25,519.50
24 STRAND OSP- ESSEX 110246G01	1,500.00	LF	@	0.91	\$1,365.00
FIBER OPTIC TRAY KIT- COMMSCOPE Z75279-000	4.00	EA	@	20.188	\$80.75
SPLICE TRAY COVER- COMMSCOPE Y66598-000	4.00	EA	@	1.513	\$6.05
SINGLE ENDED ROUND FIBER ENCLOSURE- COMMSCOPE 319485- 000	4.00	EA	@	113.86	\$455.44
36X24X8 ENCLOSURE- HOFFMAN A36H24BLP	2.00	EA	@	712.80	\$1,425.60
SPLICE PROTECTOR SLEEVES 50PK- COMMSCOPE 9701008/00	2.00	EA	@	71.75	\$143.50
CB 1-W FINISH: SAFETY YELLOW GRAPHIC TEXT: EMERGENCY 2 SIDED GRAPHIC COLOR: BLUE SPEAKERPHONE- CODE BLUE CB1W00017					



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	1.00	EA	@	10,399.50	\$10,399.50
CB 4-R FINISH: SAFETY BLUE GRAPHIC TEXT SIDE: EMERGENCY GRAPHIC TEXT FRONT: EMERGENCY GRAPHIC COLOR: WHITE- CODE BLUE CB4R00065					
	1.00	EA	@	2,079.00	\$2,079.00
PVC 200P 2IN SCH40 PVC PIPE- HERITAGE PLASTICS- 8108					
	1,500.00	LF	@	4.94	\$7,410.00
25FT SQ. FIBERGLASS SECURITY CAMERA POLE, 4 IN WIDE, ANCHOR BASE- LIGHTMART.COM 25SQ4FS					
	10.00	EA	@	510.30	\$5,103.00
EPMP 5GHZ FORCE 180 INTEGRATED RADIO (FCC) (US CORD)- CAMBIUM NETWORKS C050900C871A					
	10.00	EA	@	93.60	\$936.00
CAMBIUM EPMP BRIDGE IN A BOX- 5GHZ (FCC)- CAMBIUM NETWORKS C058900B072A					
	4.00	EA	@	269.10	\$1,076.40
EPMP 4X4 MI-MIMO SECTOR ANTENNA- CAMBIUM NETWORKS C050910D301A					
	4.00	EA	@	359.10	\$1,436.40
EPMP 3000 5 GHZ ACCESS POINT RADIO (FCC) (US CORD)- CAMBIUM NETWORKS C050910A101A					
	4.00	EA	@	719.10	\$2,876.40
GIGABIT SURGE SUPPRESSOR (30V)-CAMBIUM NETWORKS C000000L065A					
	14.00	EA	@	40.50	\$567.00
LABOR (2) TECHS- INSTALLATION, CONFIGURATION AND ELECTRICAL WORK.					
	700.00	RT	@	112.50	\$78,750.00
P&P BOND- PHASE I					
	1.00	EA	@	8,500.43	\$8,500.43



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PHASE 2- TOTAL= \$187,414.97 + 7496.59 = 194,911.56

5MP MEGAVIEW - HANWHA PNM- 9000VQ 20.00 EA @	1,530.00	\$30,600.00
1/2.8" 2MP CMOS WITH A 2.8MM FIXED FOCAL LENS, FOV: H: 107.4°, V: 62.2°, FOR THE PNM-9000VQ- HANWHA SLA-2M2800Q 44.00 EA @	76.50	\$3,366.00
1/1.8" 5MP CMOS WITH A 7.0MM FIXED FOCAL LENS, FOV: H: 50.7°, V: 37.8° FOR THE PNM- 9000VQ- HANWHA SLA-5M7000Q 44.00 EA @	225.00	\$9,900.00
CAP ADAPTOR FOR THE PNM-9000VQ AND PNM-9030V - HANWHA SBP- 276HM 20.00 EA @	67.50	\$1,350.00
CAMERA WALL MOUNT GOOSENECK STYLE, IVORY- HANWHA SBP-300WM 20.00 EA @	71.10	\$1,422.00
POLE MOUNT ADAPTER ACCESSORY, USE WITH SBP-300WM, IVORY- HANWHA SBP-300PM 22.00 EA @	71.10	\$1,564.20
WISENET X- HANWHA XNV-6080RS 4.00 EA @	1,458.00	\$5,832.00
POLE MOUNT- ALTRONIX PMK2 22.00 EA @	130.61	\$2,873.42
HARDENED POE+ SWITCHES WITH OPTIMIZED LITHIUM IRON PHOSPHATE BATTERY CHARGER- ALTRONIX NETWAYSP4LWPX 22.00 EA @	1,102.50	\$24,255.00
SMALL FORM-FACTOR PLUGGABLE (SFP) SINGLE MODE TRANSCEIVER- ALTRONIX P1SM10 44.00 EA @	60.48	\$2,661.12



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CAT6 7FT PATCH CORD- LEVITON 62460-07L 20.00 EA @	7.25	\$145.00
CATEGORY 6 CABLE BLUE- ESSEX 77-240-2B 1,500.00 LF @	0.365	\$547.50
24 STRAND OSP- ESSEX 110246G01 1,500.00 LF @	0.91	\$1,365.00
36X24X8 ENCLOSURE- HOFFMAN A36H24BLP 2.00 EA @	712.80	\$1,425.60
SPLICE PROTECTOR SLEEVES 50PK- COMMSCOPE 9701008/00 2.00 EA @	71.75	\$143.50
CB 1-W FINISH: SAFETY YELLOW GRAPHIC TEXT: EMERGENCY 2 SIDED GRAPHIC COLOR: BLUE SPEAKERPHONE- CODE BLUE CB1W00017 1.00 EA @	10,399.50	\$10,399.50
CB 4-R FINISH: SAFETY BLUE GRAPHIC TEXT SIDE: EMERGENCY GRAPHIC TEXT FRONT: EMERGENCY GRAPHIC COLOR: WHITE- CODE BLUE CB4R00065 1.00 EA @	2,079.00	\$2,079.00
PVC 200P 2IN SCH40 PVC PIPE- HERITAGE PLASTICS- 8108 1,500.00 LF @	4.94	\$7,410.00
25FT SQ. FIBERGLASS SECURITY CAMERA POLE, 4 IN WIDE, ANCHOR BASE- LIGHTMART.COM 25SQ4FS 4.00 EA @	510.30	\$2,041.20
EPMP 5GHZ FORCE 180 INTEGRATED RADIO (FCC) (US CORD)- CAMBIUM NETWORKS C050900C871A 24.00 EA @	93.60	\$2,246.40
CAMBIUM EPMP BRIDGE IN A BOX- 5GHZ (FCC)- CAMBIUM NETWORKS C058900B072A 5.00 EA @	269.10	\$1,345.50



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GIGABIT SURGE SUPPRESSOR (30V)–CAMBIUM NETWORKS C000000L065A	24.00	EA	@	40.50	\$972.00
LABOR (2) TECHS– INSTALLATION, CONFIGURATION AND ELECTRICAL WORK. 653.0758 RT			@	112.50	\$73,471.03
P&P BOND– PHASE II	1.00	EA	@	7,496.59	\$7,496.59
				Total Price	\$415,922.77

* * *

I hope you find this proposal complete and to your satisfaction.

Sincerely,
Edgar Rodriguez
Project Estimator
956-618-2360