

AMENDMENT NO. 1

**CITY OF CHICO - PROFESSIONAL SERVICES AGREEMENT**

AGREEMENT DATED SEPTEMBER 10, 2020

BETWEEN CITY OF CHICO

AND

CLEAN CABLING  
Architect/Consultant/Engineer

TRAFFIC SAFETY – ESPLANADE COMMUNICATIONS  
Project Title

307-000-8801/16011-307-4150  
Budget Account Number

**THIS PROFESSIONAL SERVICES AGREEMENT AMENDMENT** (Amendment) is entered into on January 7, 2021, ~~2020~~, between the City of Chico, a municipal corporation under the laws of the State of California (City), and Clean Cabling, (Consultant). On September 10, 2020, City and Consultant entered into “City of Chico - Professional Services Agreement” (Agreement). The provisions of the Agreement are hereby amended as follows:

1. Exhibit B is hereby superseded and replaced by revised Pages B1-R1 through B2-R1 attached hereto.
2. Exhibit C is hereby superseded and replaced by revised Pages C1-R1 through C2-R1 attached hereto.
3. All other provisions of the Agreement shall remain in full force and effect.

CITY:

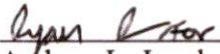
CONSULTANT:

Mark Orme  
Mark Orme, City Manager\*

[Signature]  
By: Owder - Clean Cabling  
Title

\*Authorized pursuant to Section 3.08.060 of the Chico Municipal Code

APPROVED AS TO FORM:

  
\_\_\_\_\_  
Andrew L. Jared, City Attorney\*

\*Pursuant to The Charter of the  
City of Chico, Section 906(D)

REVIEWED AS TO CONTENT:

  
\_\_\_\_\_  
Scott Dowell, Administrative Services Director\*

\*Reviewed by Finance and Information Systems

APPROVED AS TO CONTENT:

  
\_\_\_\_\_  
Brendan Ottoboni, Public Works Director,  
Engineering

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EXHIBIT B

#### **Amendment No. 1 Services (in bold):**

##### Scope of Professional Services - Basic

The Consultant shall provide professional services as follows:

- Each light controller shall have two wireless bridges – one pointed towards the next north traffic light controller and one pointed towards the south traffic light controller.
- The traffic light on 5<sup>th</sup> Avenue shall have three wireless bridges – one shall be connected to the Fire Station on 5<sup>th</sup> Avenue, which shall be the starting point for all network connections (A lift shall be needed to Fire Station bridge install).
- The traffic light controllers on Memorial and 11<sup>th</sup> Avenue shall only have one wireless bridge (end points).
- The light controller on Cohasset shall be connected to the 11<sup>th</sup> Avenue light controller over a single twisted pair with a Moxa DSL LAN network extender (the old twisted pair cabling is available between controllers).
- Each light controller box shall have 2x POE injectors for the wireless bridges and one 12 port Moxa managed network switch for connecting to controller.
- Create a site map of bridge locations and IP information.

- Configure all bridges with client given IP addresses and configure all wireless settings accordingly.
- Document all configurations for bridges.
- Test all cabling with network tester.
- Label all cabling accordingly.
- Verify that each bridge has a network/internet connection back to the Fire Station.
- **Light Controller at Cohasset and Esplanade will have one enclosure with one radio facing north to the intersection of Mission Ranch and Esplanade.**
- **Mission Ranch and Esplanade shall have two radio's that shall both be mounted to traffic lights for better line of site to Controllers at East Ave. and Cohasset.**
- **Installation of a new Axis camera at the East Ave. intersection.**

#### Services to be Provided by City

List of IP addresses that can be used for all bridges.

#### Completion Schedule

The Consultant shall complete all services outlined herein in compliance within three months of receipt of the City's Notice to Proceed.

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EXHIBIT C

Compensation for the services shall be in accordance with the following schedule of rates attached. Total maximum compensation for the services outlined herein shall not exceed ~~\$40,702.39~~ **\$56,035.12**.

**Amendment No. 1 Items (in bold):**

Compensation shall be based upon actual invoices received.

Item No	Description	Unit	Quantity	Unit Price	Cost
1.	Loco M2 – Ubiquiti Nanostation Hi-power 20 dBm Min, 2x2 MIMO AirMax TDMA PoE Station	EA	18	\$99.95	\$1,799.10
2.	EDS-G512E-8PoE-4GSFP-T 12-port full Gigabit managed Ethernet switch, 8 10/100/1000BaseT PoE/PoE+ ports, 4 100/1000BaseSFP slots, -40 to 75°C operating temperature	EA	10	\$2,022.86	\$20,228.60
3.	IEX-402-VDSL2-T Managed VDSL2 Ethernet Extender with 1 10/100BaseT(X) port, and 1 DSL port, -40 to 75°C operating temperature	EA	3	\$715.84	\$2,145.42
4.	NB080604 8x6x4 Inch UL Listed Weatherproof Industrial NEMA 4X Enclosure	EA	18	\$131.25	\$2,362.50
5.	B079C5FTF7 Waterproof UV Rated Shielded Cat5E Cable, UL Listed	EA	300	\$0.22	\$66.00
6.	41089-2TP 2 Port Surface Mount Box	EA	9	\$4.99	\$44.91
7.	RJ45STP Shielded RJ-45 Modular				

	Connector Plugs	EA	18	\$1.02	\$18.36
8.	Miscellaneous Hardware – Screws, bolts, wire-ties, cable clamps, etc.		1	\$100.00	\$100.00
9.	3422 Articulating 4x4 Boom Lift, 34ft. Diesel (Genie 3422 – Daily Rate)	DAY	2	\$468.75	\$937.50
	Hardware Total				\$27,702.39
	Labor Total			\$13,000.00	\$13,000.00
	TOTAL				\$40,702.39
10.	<b>AXIS Surveillance Card microSDXC Card 64 GB</b>	EA	1	\$103.62	\$103.62
11.	<b>AXIS T91L61 Wall-and-Pole mount 5801-721</b>	EA	1	\$128.19	\$128.19
12.	<b>AXIS T91B57 Pole Mount Grey 01446-001</b>	EA	1	\$161.98	\$161.98
13.	Misc. Hardware – Screws, bolts, wire-ties, cable clamps, etc.	EA	1	\$30.00	\$30.00
14.	Articulating 4x4 Boom Lift, 34ft. Diesel (Genie 3422)	DAY	1	\$561.75	\$561.75
	Labor Total			\$6,800.00	\$6,800.00
	Amendment No. 1 Total				\$15,332.73
	New Total				\$56,035.12