



CITY OF INGLEWOOD

OFFICE OF THE CITY MANAGER



DATE: March 21, 2023
TO: Mayor and Council Members
FROM: Public Works Department
SUBJECT: Advanced Traffic Controller Cabinets and Equipment Purchase

RECOMMENDATION:

It is recommended that the Mayor and Council Members approve the Advanced Traffic Controller (ATC) cabinets and equipment purchase for the Department of Public Works in the amount of \$238,429.40. (Measure R Street & Hwy Fund)

BACKGROUND:

The Traffic Signals Maintenance Section of the Public Services Division ensures that the City's 161 signalized intersections are maintained per industry standards. Since 1991, the City of Inglewood has used McCain Equipment at its signalized intersections. The signalized intersections use traffic-rated cabinets and controllers containing electronic plug-ins and modules to operate at all times. The department adopted and deployed the Advanced Traffic Controller (ATC) Cabinet as the City's standard for traffic signal cabinets.

DISCUSSION:

In recent years, the Public Works Department has deployed ATC cabinets at fifteen (15) signalized intersections. Additionally, several projects in the design phase will also deploy ATC Cabinets in the coming years. With the deployment of the updated systems, the Department is now in need of spare equipment to ensure operations can continue without disrupting the traveling public.

The purchase of Advanced Traffic Cabinet Equipment is an exception to the competitive bidding process, pursuant to the Inglewood Municipal Code, Section 2-198.1, which states the following

Notwithstanding any provisions of this Article shall be construed to the contrary, the competitive bidding procedures and requirements may be dispensed with in any of the following instances:

(b) Standardization of Goods and/or Services. When goods and/or services are required to maintain consistent operation or function to an existing technology or public safety system or program already in use by the City, provided such purchases do not exceed the cost of two hundred fifty thousand dollars (\$250,000).

**Mayor and Council Members
Advanced Traffic Signal Cabinets and Equipment Purchase
March 21, 2023**

FINANCIAL/FUNDING ISSUES AND SOURCES:

Sufficient funds, in the amount of \$238,429.40, are available in the Fiscal Year 2022-2023 Budget under Account Code No. 071.100.P605.44860 (Measure R Street & Hwy Fund- Capital Projects - ITS Phase IV - Contract Services - Public Works).

Upon approval of the recommendation for the purchase of the traffic signal equipment, staff will request the issuance of a purchase order.

DESCRIPTION OF ANY ATTACHMENTS:

Attachment No. 1 - Quote for ATC Traffic Cabinet Equipment

PREPARED BY:

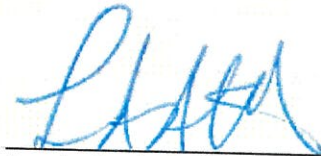
Victor Nunez, Traffic Operations Manager ^{VN}
Peter Puglese, P.E., T.E., City Traffic Engineer ^{PMP}

COUNCIL PRESENTER:

Louis A. Atwell, P.E., Assistant City Manager/PW Director

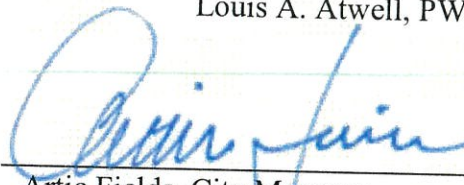
APPROVAL VERIFICATION SHEET

**DEPARTMENT HEAD/
ASSISTANT CITY MANAGER APPROVAL:**



Louis A. Atwell, PW Director/Asst. City Mgr.

CITY MANAGER APPROVAL:



Artie Fields, City Manager

Attachment No. 1



QUOTATION

Estimator: Jennifer Phelan

(760)734-5050

jennifer.phelan@mccain-inc.com

Quote #: JLP060622A

Agency: Inglewood City of

Job Name: ATC Traffic Cabinet Equipment

Bid Date: 6/6/22

Bid Item	Qty	Description	Price	Extension
M36258	30	SIU,2218-MC SERIAL INTERFACE UNIT, ATC	\$294.42	\$8,832.62
M36256	40	LS,2202-HV-MC, HDSP/FLASHER UNIT, ATC	\$241.80	\$9,671.94
M36259	10	CMU,2212-HV-MC (ip), 32 CH W/ ETHERNET PORT, ATC	\$756.84	\$7,568.43
M36255	5	ADU,2220-MC AUX DISPLAY UNIT(48VDC),ATC	\$559.37	\$2,796.86
M36261	5	PWR SUP,PS-2216-24-HV-MC (24,48VDC),ATC	\$502.28	\$2,511.39
M58625	10	SUPPRESSOR, HE1750 ALT (W/ 12 POS PLUG CONN), HE1750 ALT	\$118.40	\$1,184.00
M33149	20	2070-4A PWR SUP FOR 2070	\$478.06	\$9,561.18
M91177 + M36256	10	ATCC-HV, SERVICE ASSEMBLY, ONE FLASHER, VERTICAL, WITH TBS 7POS & LS, 2202-HV	\$830.64	\$8,306.40
M69318	15	ASSY PB SWITCH 6' CORD PHONE PLUG	\$29.68	\$445.22
M76586A	15	MANUAL ADVANCE JACK PLATE W/ TOGGLE SWITCHES KIT	\$69.55	\$1,043.23
M56812	40	242L ISOLATOR, EDI	\$50.92	\$2,036.73
M54487	3	ATCC-HV, Input Assy, 24CH (SIU 9 Rack Complete with connectors)	\$242.38	\$727.13
M54487	3	ATCC-HV, Input Assy, 24CH (SIU 10 Rack Complete with connectors)	\$242.38	\$727.13
M54140	5	ATCC-HV, OA 16ch w/ FOTA <i>*Plugins not included</i>	\$1,793.75	\$8,968.75
M54372	20	2070LX ATC CONTROLLER: 1C, 2E+, 3B, 4A, LINUX W/ OMNI	\$3,155.64	\$63,112.80
S-OMNI		<i>*Turn on support timing conversions are not included, 180 day lead time</i>		
M52805	20	1C CPU W/ OMNI EX	\$1,651.21	\$33,024.20

M58800	1	CABINET TEST DISPLAY, 120VAC, 16CH, LUG & TERM BLK PLUG	\$992.49	\$992.49
M58450	1	CABINET TEST DISPLAY, 120VAC, 16CH, SPADE LUG	\$810.51	\$810.51
M48378	50	PPB SIGN 5X7.75, AL, R10-3B	\$12.27	\$613.40
M82145-SC	50	PPB CAP & SWITCH	\$111.06	\$5,553.09
M19711	50	PPB FRAME ASSY GRN 5X7 ADJ	\$36.29	\$1,814.51
345i ATC TRAFFIC CABINET				
M55515a	3	352i ATCC-HV,IA-24CH,FITA-24CH,OA- 16CH,FOTA-16CH,SA, ANODIZED	\$15,484.00	\$46,452.00
M54487	1	ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26		
M58661	1	ATCC-HV/LV, FITA ASSEMBLY,HORIZONTAL, 24CH.		
M56812	3	ISO, DC, 242L, EDI ISOLATOR		
M36258	3	SIU,2218-MC SERIAL INTERFACE UNIT, ATC		
M36259	1	CMU,2212-HV-MC (ip), 32 CH W/ ETHERNET PORT, ATC		
M36256	9	LS,2202-HV-MC, HDSP/FLASHER UNIT, ATC		
M36255	1	ADU,2220-MC AUX DISPLAY UNIT(48VDC),ATC		
M48062	1	HARN, FLAT&TWIST(LOOSE), DB25,78ln		
Detectors not included				
Controller not included				
10% tax *subject to change				\$21,675.40
Reference Total				\$238,429.40

Prices firm for 30 days. Freight included. Add sales tax.

Sale is subject to McCain's standard terms and conditions.

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