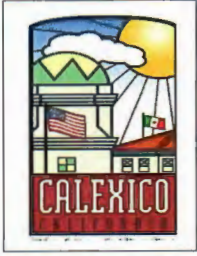


**AGENDA  
ITEM**

**14**



# CITY COUNCIL AGENDA STAFF REPORT

**DATE:** January 20, 2021

**TO:** Mayor and City Council

**APPROVED BY:** Miguel Figueroa, City Manager

**PREPARED BY:** Miguel Figueroa, City Manager

**SUBJECT:** Authorization to Purchase Three (3) Changeable Message Sign Boards from Transportation Supply LLC in the amount of \$43,075.95

=====

## Recommendation

It is recommended that the City Council of the City of Calexico approve the purchase of three (3) Changeable Message Sign (CMS) Boards from Transportation Supply LLC in the amount of \$43,075.95.

## Background:

The CMS Boards are primarily used to give motorists traffic safety and guidance information about events that significantly impact traffic. Public Safety and Public Works departments will benefit from this community communication tool.

## Discussion and Analysis

The City of Calexico requested and received quotes for the purchase of three (3) Changeable Message Sign (CMS) Boards, which are as follows:

Vendor	Amount
1. Transportation Supply LLC	\$ 43,075.95
2. Myers and Sons Hi-Way Safety Inc.	\$ 43,101.32
3. Zumar	\$ 47,400.00

Staff is requesting City Council authorization to purchase three (3) CMS Boards.

## Fiscal Impact:

Traffic Impact Fee Fund 434-91-001-56000-000.

## Coordinated With:

Public Works Department.



**Attachment(s):**

1. Transportation Supply LLC Quote.
2. Myers and Sons Hi-Way Safety Inc. Quote.
3. Zumar Quote.

14622 Ventura Blvd  
 #813  
 Sherman Oaks, CA 91403

# Estimate

Date 1/12/2021  
 Estimate # 2586

Name / Address
City of Calexico 608 Heber Avenue Calexico, CA 92231

P.O. #  
 Terms

Due Date 1/12/2021  
 Other

Description	Qty	Rate	Total
SMC 4000 4' x 8' Display, Mini Full Matrix Message Board	3	13,018.00	39,054.00
Shipping to a commercial address, customer has forklift to unload.	1	800.00	800.00
Currently in stock in Anaheim, CA			
8.250% Tax	1	3,221.95	3,221.95
<b>Total</b>			<b>\$43,075.95</b>

Transportation Supply LLC



# SMC 4000 Mast-Mini

## Full-Matrix Solar Message Center (4' x 8' Display)

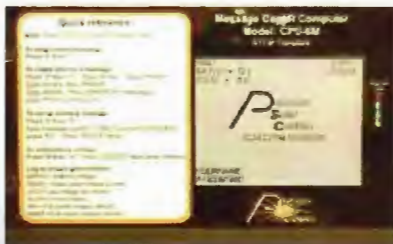
Manufactured to the same quality standards Precision Solar Controls is recognized for, the SMC 4000 Mast-Mini message center deploys in places larger signs cannot. The 4' x 8' Display Only, including all Electronics, CPU and AC power cables, can be purchased for truck and trailer-mounted applications.

### You'll get just the features you want, in a compact design.

- Energy-efficient LED display provides minimal battery maintenance and long operational life
- Automatic intensity control provides optimum LED intensity
- Industrial-grade trailer provides stable platform
- 4 leveling jacks with slide out extensions provide stability when deployed
- Powder-coat paint for improved fade and scratch resistance
- Calendar programming capability
- Full-Matrix display provides graphic messages and arrow board capability
- Graphic and Arrow Board displays available



- On-board dedicated NTCIP controller provides easy programming with secure password protection





- The SMC 4000 Mast-Mini shown in travel position

#### Sign Flexibility

The SMC 4000 Mast-Mini is designed for use in areas where space is limited, and provides variable character fonts with both 12" and 18" character heights.

#### Standard NTCIP-Compliant Controller

A user-friendly, NTCIP-compliant, dedicated computer designed by Precision Solar Controls reduces the number of keys required to program the SMC 4000 Mast-Mini.

#### Full Matrix Display

The SMC 4000 Mast-Mini provides 250 text, 60 graphic and 20 arrow board display messages preprogrammed and stored in the controller. Additionally, 100 user-created messages can be programmed and stored.

#### Industrial-Grade Structural Steel Trailer

The SMC 4000 Mast-Mini uses a durable trailer system designed to provide years of dependable service. The trailer's high-quality, powder-coat paint; 2" x 3" 11-gauge steel frame; and a 2,000-pound axle enhance the overall durability of the unit.

#### Modular Electronic Componentry

The entire system was developed with the operator/end user in mind. Electronic components are easily replaced, reducing downtime and maintenance costs. This modularity also improves system diagnostics.

#### SMC 4000 Mast-Mini Unit Specifications

- Raised height – 134" (3.4 m)
- Travel height – 102" (2.6 m)
- Width – 68" (1.73 m)
- Length with tongue – 107" (2.72 m)
- Length w/o tongue – 55" (1.4 m)
- Weight – 850 lbs. (385.5 Kg)
- Energy Source – (2) 4D Deep Cycle batteries
- Generator – solar panel array
- Operating Temperature Range – -20 to +120 degrees F (-29 to +49 degrees C)
- Lift Mechanism – 1,500 lbs. brake winch
- Main Frame – 2" x 3" x .120" high grade steel

#### Sign Case Specifications

- Height – 48" (1.22 m)
- Width – 96" (2.43 m)
- Character Height – 12" (30.48 cm) and 18" (46 cm)
- Lamp – LED (4 per pixel)
- Legibility – 1000 ft. (304 m)

#### SMC Computer Specifications

- Control Console Display: LCD
- Pre-programmed messages: 250
- User-programmed messages: 100
- NTCIP-compliant software
- Update speed: 100 Milliseconds
- Removable Solid State Design
- Off-the-shelf QWERTY keyboard

*Specifications are subject to change without notice.*





**Myers and Sons Hi-Way Safety Inc.**

Main Office:  
 13310 5th Street, Chino Ca 91710  
 Tel (909) 591-1781 Fax (909) 627-0999  
 Escondido Office:  
 520 W. Grand Ave, Escondido CA 92025  
 Tel (760) 745-2250 Fax (760) 745-2094  
 Sacramento Office:  
 9510 Jackson Rd. Sacramento Ca 95827  
 Tel (916) 273-1600 Fax (916) 273-1625

**SALES QUOTATION** Original

Quotation No: 28916  
 Quotation Date: 01/06/2021  
 Valid Until: 02/06/2021  
 Customer No: C0009891  
 P.O. No:  
 Page No: Page 1 of 1

BILL TO
<b>City of Calexico</b> 608 Heber Ave. Calexico CA 92231

SHIP TO
<b>Calexico Yard</b> 545 Pierce Calexico CA 92231

TOTAL
<b>\$ 43,101.32</b>

Sales Employee: Jeff Dunn  
 Contact Name: Lilliana Falomir  
 Telephone: 760-768-2124  
 Terms: NET 30  
 Ship Via: Our Truck  
 FOB:

Item No	Description	Quantity	Unit Price	Total
103315	Message Board, Trailer, 96L3, 96x48, Full Matrix LED, 150w Solar, 4-6v Batt, Hydraulic Lift & Rota	3.00	\$ 13,088.82	\$ 39,266.46
Subtotal				\$ 39,266.46
Shipping				0.00
Tax				\$ 550.00
<b>Total Order Value</b>				<b>\$ 43,101.32</b>

Signature \_\_\_\_\_

Date \_\_\_\_\_

Print Name \_\_\_\_\_

Authority to Sign:  
 Any individual signing represents and warrants that he/she of legal age and has the authority and power to sign on their own behalf or on behalf of their employer

1. This quotation will be honored for 30 days.
2. All custom orders are non-refundable.
3. Sales terms & conditions apply.

# Model 96L 3 Message Board Trailer



## Trailer:

- 126" overall trailer length
- 72.5" overall trailer width
- MIG welded 2"x3" and 3"x3" steel tubing
- Durable powder coat finish provides excellent resistance from the elements
- Outriggers are integrated into the frame for added stability in high wind
- 3,500 lb capacity spring axle
- 62" track Leaf spring suspension
- 205/75 D15 Tires
- 2" ball coupler tow hitch standard

## Power:

- Highly efficient solar panel system for dependable charging of the long-life batteries
- Tilt solar panels to optimize exposure
- (4) 6 volt deep cycle batteries
- 120 watts of solar power
- 17.4 panel voltage

The Myers and Sons Hi-Way Safety message board model 96L 3 has been manufactured to the highest standards to provide exceptional performance with extreme durability. Long lasting, energy efficient L.E.D. display provides crisp, clear characters with no moving parts and requiring no maintenance. The L.E.D. intensity remains constant regardless of battery voltage fluctuation to assure legibility distant requirements are met at all times. The full-matrix display allows you to display messages using text and/or graphic symbols. Our products are designed to withstand the high demands placed on them in an industry known for it's tough conditions. We have been a leader in the traffic control industry since 1970 and are proud to integrate this experience into each of our products.

## Display:

- Cabinet is 95.5" wide x 48" high
- Full-matrix .75"x.75" pixel size display is capable of display both characters and symbols
- Store of preprogrammed messages and ability to store 100 user originated messages.
- Capable of multiple page messages controllable in ¼ second increments
- Highly visible and legible In both day and night conditions
- Display automatically adjusts to ambient light conditions
- Message display is easy to raise and lower using the convenient hydraulic lift
- Text formatting is easily performed on the on board computer
- Front face of display protected by UV inhibited polycarbonate

Myers & Sons  
**HI-WAY SAFETY** Inc. your worksite armor

**800.228.1701**



Celebrating 70 Years

**ISSUE PO TO**

ZUMAR  
12015 Steele Street South  
Tacoma, WA 98448

**ESTIMATE**

ESTIMATE NUMBER: 34712  
DATE ESTIMATED: 1/7/2021

**BILL TO**

CITY OF CALEXICO  
608 HEBER AVE  
CALEXICO, CA 92231 US

**SHIP TO**

CITY OF CALEXICO  
608 HEBER AVE  
CALEXICO, CA 92231 US

CUST. NO.	ACCOUNT MANAGER	TERMS	FOB	ESTIMATED SHIP DATE
002701	BLANK	Net 30	FOB Origin	

**FRT: TBD TAX: \$ 3,910.50 TOTAL FOR ESTIMATE: \$ 51,310.50**

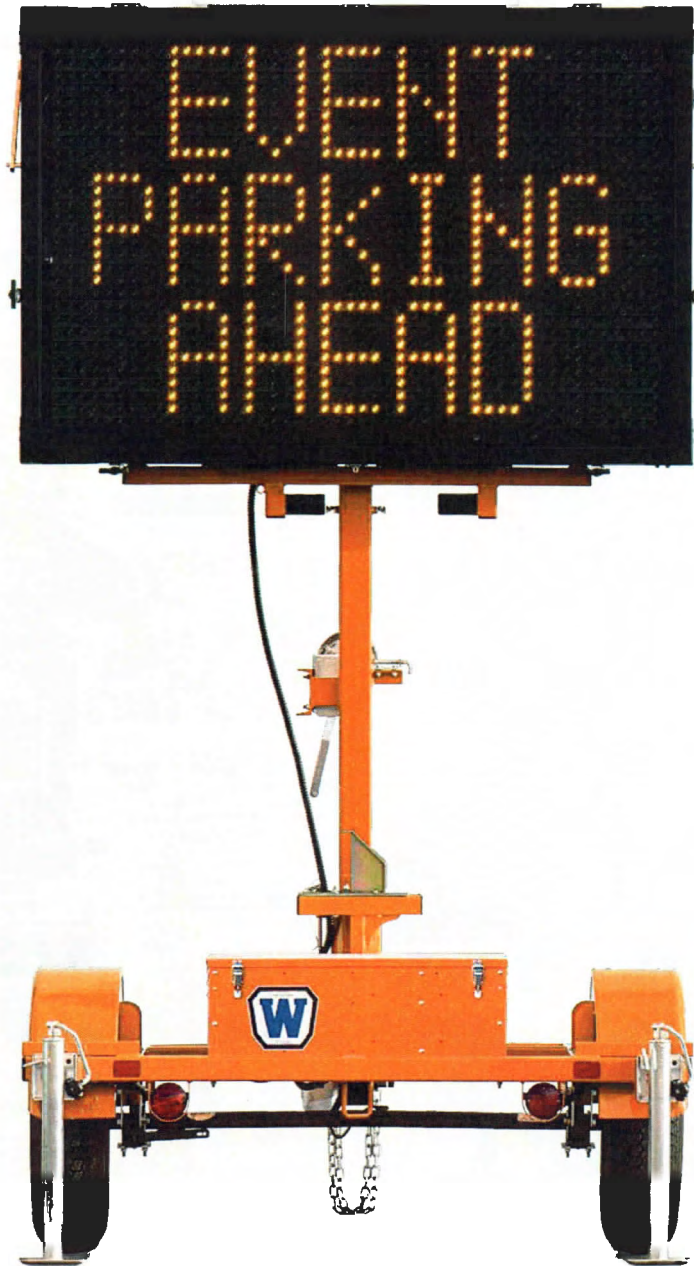
ITEM	PART NUMBER	QUANTITY ESTIMATED	UNIT PRICE	UOM	TOTAL PRICE
	DESCRIPTION				
001	VVVTMM-M Medium Metro Matrix Display (72"x48" display)	3	15,800.00	EA	47,400.00 USD
<b>TOTAL FOR ESTIMATE : 47,400.00 USD</b>					

**This is a quotation on the goods named above and is subject to the conditions noted below:**

Quote is valid today through date of expiration shown above. Prices are for goods shown on the plan and/or takeoff sheet provided at the time of quote request. Pricing is for furnish only and does not include installation or hardware unless otherwise specified. Production days begin upon receipt of approved layouts (if applicable). Customer is responsible for all applicable sales taxes and duty which are calculated at the time of invoicing. Quotation valid for 30 days unless otherwise specified.

# Metro™ VMS

## Compact Variable Message Signs



**Small footprint, energy efficiency and superior performance.**

**W**ANCO® Driving traffic safety.

**800-972-0755**  
[www.wanco.com](http://www.wanco.com)

# Easy to maneuver and deploy in urban areas, where traffic is heavy and space is limited.

- Energy efficient and superior performance
- Full-matrix message display available in two sizes
- Color display is optional
- Preprogrammed, custom and MUTCD graphics
- Easiest programming in the industry

The Metro™ Variable Message Signs feature a full matrix of high-efficiency LEDs for reduced energy consumption, superior performance and outstanding legibility. The display can present messages as text, graphics or a combination of both. Preprogrammed messages include MUTCD graphics and bold arrows.

The compact Metro trailer is easy to maneuver and deploy, particularly in urban areas where traffic is heavy and space is limited. For optimal positioning, the display cabinet rotates independent of the trailer, and its height is fully adjustable with a hand-operated winch. Metro signs use our touchscreen interface for the easiest programming in the industry.

Options include the Wanco Modem Package with GPS, radar-based speed detection, the Wanco Traffic Data Classifier System, and a cellular modem package with GPS and remote control. Additional solar panels and batteries are available if more power is required.

To see or order a Metro sign, visit [wanco.com](http://wanco.com) or call **800.972.0755**.



- Capacitive touchscreen controller located on back of display cabinet
- Intuitive full-color interface with large “buttons”
- Safer programming at eye level
- Better traffic visibility
- Multi-level password protection and lockable control box
- Out of reach of the casual hacker
- NTCIP compliant

## Brief specifications

	Model WVTMM-L	Model WVTMM-M
Deployed footprint, W x L	68 x 55 in. (172 x 139 cm)	68 x 55 in. (172 x 139 cm)
Sign cabinet size, W x H	96 x 48 in. (244 x 122 cm)	71 x 48 in. (180 x 122 cm)
Deployed height	134 in. (340 cm)	134 in. (340 cm)
Travel height	92 in. (232 cm)	92 in. (232 cm)
Weight, approx.	1500 lbs. (680 kg)	1400 lbs. (635 kg)
Tires	15-inch	15-inch
Amber display	60 x 30 pixels	48 x 30 pixels
Optional color display	50 x 24 pixels Red, Blue, Green, Amber, White	—
Fonts	12 fonts	12 fonts
Default font	11 in., 5 x 9 pixels per character 3 lines of 10 characters maximum	11 in., 5 x 9 pixels per character 3 lines of 8 characters maximum
Power	Batteries, solar	Batteries, solar



- Compact Metro trailer is easier to maneuver than full-size signs and fits just about anywhere
- Standard tow hitch and removable drawbar
- Meets NEMA TS 4-2005 Section 2 for ambient temperature, vibration, shock, ESD and RFI



**WANCO INC.**  
5870 Tennyson Street  
Arvada, Colorado 80003  
800-972-0755  
303-427-5700  
303-427-5725 fax  
[www.wanco.com](http://www.wanco.com)

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