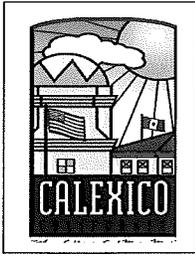


**AGENDA
ITEM
12**



AGENDA STAFF REPORT

DATE: May 15, 2019

TO: Mayor and City Council

APPROVED BY: David B. Dale, City Manager *DD*

PREPARED BY: Lilliana Falomir, Public Works Manager *[Signature]*

SUBJECT: Authorize City Manager to Sign Change Order No. 6 with Pyramid Construction and Aggregate, Inc. in the amount of \$62,815.10 for Cesar Chavez Blvd. Improvements Federal-Aid Project No. HPLUL-5168(017).

=====

Recommendation:

Authorize City Manager to Sign Change Order No. 6 with Pyramid Construction and Aggregate, Inc. in the amount of \$62,815.10 for Cesar Chavez Blvd. Improvements Federal-Aid Project No. HPLUL-5168(017).

Background:

The City of Calexico Public Works Department has received a grant from the Department of Transportation for construction in the amount of \$7,104,240.00 (Federal \$5,500,000.00 and Local Match \$1,604,240.00) for Federal Project No. HPLUL-5168(017) Cesar Chavez Blvd./Calexico-West Port of Entry between HWY 98 and Second Street HPLUL-5168(017) Cesar Chavez Blvd./Calexico-West Point of Entry between HWY 98 and Second Street.

On August 1, 2018 the City Council of the City of Calexico awarded a construction contract to Pyramid Construction and Aggregate, Inc. for the above-mentioned project in the amount of \$6,022,219.00.

Discussion & Analysis:

Due to the widening of Cesar Chavez Blvd. between SR-98 and 2nd Street the City needed to construct approximately 240' of reinforced concrete retaining wall at the northwest corner of 2nd Street and Cesar Chavez Blvd. (see pictures below). Portion of the retaining wall requires the installation of a chain link railing in order to prevent pedestrians/bicyclist from falling over the retaining

AGENDA ITEM 12

wall. In addition, Public Works staff is requesting that four (4) solar powered radar speed signs be installed along Cesar Chavez Blvd. to increase driver speed awareness and road safety.

For these reasons, Public Works staff is requesting that the City Council of the City of Calexico authorize the City Manager to sign Change Order No. 6 with Pyramid Construction and Aggregates, Inc. in the amount of \$62,815.10. With Change Order No. 6 the new contract amount will be \$7,152,922.10

Fiscal Impact:

Federal Grant and Local Match \$62,815.10

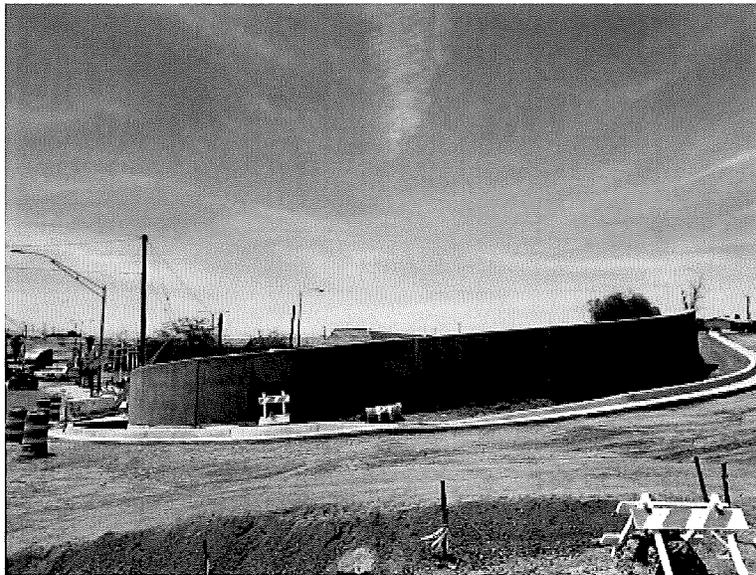
Coordinated With:

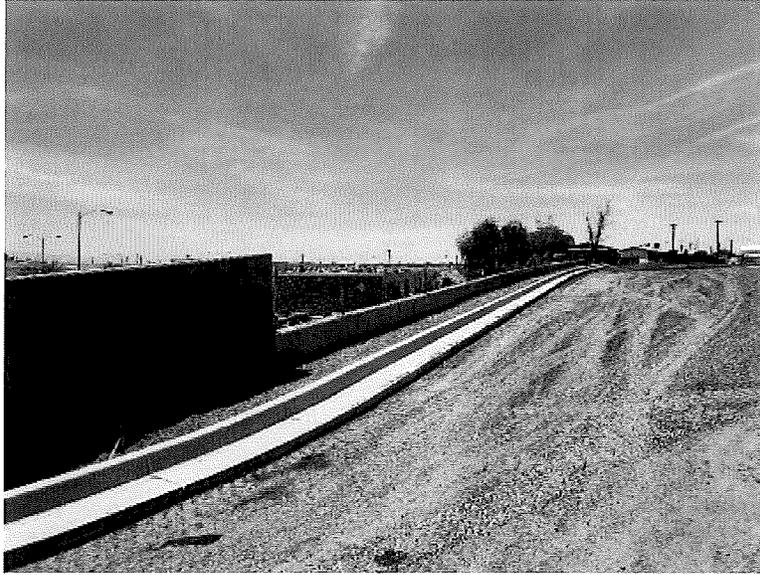
Public Works Department.

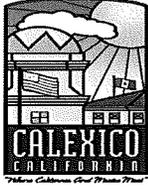
Attachment(s):

1. Change Order No. 6

Picture(s):







**CITY OF CALEXICO
PUBLIC WORKS DEPARTMENT
CHANGE ORDER NO. 6**

Name of Project: Cesar Chavez Blvd. Improvements

Federal-Aid Project No. HPLUL-5168(017)

Name of Contractor: Pyramid Construction and Aggregate, Inc.

Date: 05/15/19

#	Description	Price Increase	Price Decrease	Time Extension
1	Purchase four (4) Solar Powered Radar Speed Signs	\$ 32,000.00		4
2	Installation of Temporary and Permanent Fence on Retaining Wall at Cesar Chavez Blvd.	\$ 30,815.10		5
	Sub-Total	\$ 62,815.10		
	Total	\$	62,815.10	
	Contract Amount	\$	7,090,107.00	
	Total Contract Amount (Contract + Change Order No. 6)	\$	7,152,922.10	

David Dale, City Manager

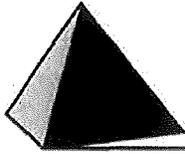
City of Calexico, 608 Heber Avenue, Calexico, California

Sameer Patel, Project Engineer

The Holt Group, Inc., 1601 N. Imperial Avenue, El Centro, California

Archie Abeyta, Project Manager

Pyramid Construction and Aggregate, Inc., 839 Dogwood Road, Heber, California



**PYRAMID
CONSTRUCTION
AND AGGREGATES, INC.**

General Engineering Contractor
State Contractor Lic. No. 866533

April 16, 2019

The Holt Group
1601 N Imperial Ave
El Centro, CA 92243

Reference: RFP Speed Limit / Solar Sign

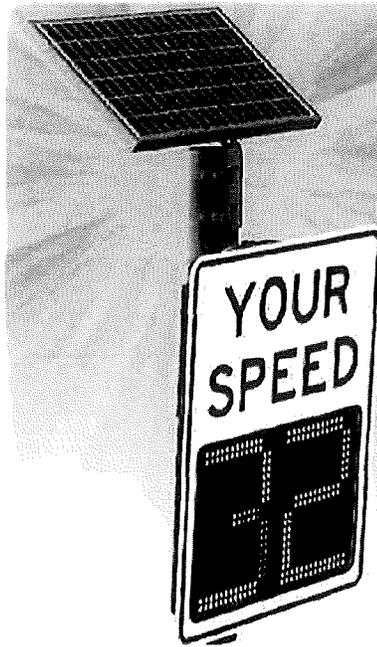
Post Mounted Speed Limit Sign	
Purchase signs, post and hardware(tax included)	\$18,000
Install signs	
Drill holes / pour in concrete (2" square tubing)	\$10,000
Mount signs	\$ 4,000
Total	\$32,000

Trailer Mounted Speed Limit Sign
As Per Specs Attached EA:\$12,672.24

Total \$50,689.68

We will need 4 days to install signs.

Archie Abeyta
Project Manager



Part #: M75-012SE-000x

Why TrafficCalm?

- ISO 9001:2008 Certified USA based facility
- All signs 100% MUTCD compliant
- Vandal resistant designs
- Broadest range of sizes and options in the industry
- Industry leading turn-around from order to delivery
- Unlimited tech support and customer service from our USA facility
- Industry Pioneers in Radar Driver Feedback Technology

TrafficCalm 12" Driver Feedback Value Sign

The TrafficCalm Street Series of Radar Driver Feedback Value Signs offers an economical and simple solution to help increase driver speed awareness and road safety. The bright 12" characters can be seen from up to 600' away, and help increase driver speed awareness on neighborhood streets where so many small accidents occur every year. TrafficCalm Value signs are designed for situations where drivers need to simply be alerted of their current speed but the additional data collecting and screen programming capabilities of the iQ Series is not necessary.

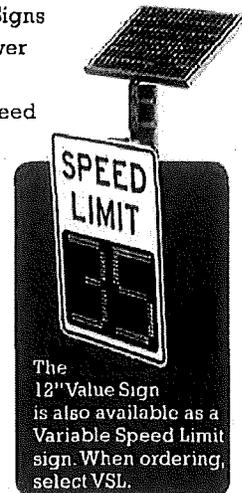
TrafficCalm Driver Feedback Signs are manufactured in the USA in an ISO 9001:2008 certified facility, meeting and exceeding industry standards and state testing requirements. TrafficCalm signs are unmatched in durability, accuracy, ease of use and affordability.

Features:

- IR remote for configuration and basic programming
- 100% MUTCD compliant
- Complete 20W Solar package included
- Integrated battery provides for several days of normal operation on a single charge without the assistance of the solar panel
- K-band (24.15GHz) radar, range 650+ feet.
- Unlimited tech support and customer service from our USA facility for the life of the sign
- Fast delivery- typically ships within 5 days of order
- 3 year limited warranty

Package Includes:

Driver Feedback sign, mounting bracket, 20W solar package, IR remote, installation and user manual.



TRAFFICALMTM
Division of MOR Manufacturing SYSTEMS

E. 5676 Seltice Way Post Falls, Idaho 83864 • 1-855-738-2722 • sales@trafficalm.com • www.trafficalm.com

12" Driver Feedback Value Sign Spec Sheet

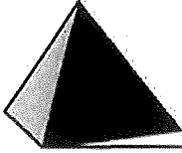
Part #: M75-012SE-000x

Feature	Specifications
LED and Radar Components	
Speed Display Height	12" high numbers
Configuration	Seven-Segment Display
YOUR SPEED Legend	4" high highway gothic font (MUTCD compliant)
LED, 1/2 Cone Angle	Amber (590nm); 1/2 Angle 15°; Rated 100,000 hours; 20,000 CDA/ M ² , Auto Dimming employed
Amber LED on Axis Intensity	20,000 CDA/SQ meter
Sign Legibility	Viewable range: 1,000 feet, legible range: 600 feet
Speed Resolution and Range	Min 5 mph; Max 99 mph in 1 mph steps (min 8 kph, max 99 kph in 1.6 kph steps)
Radar Specification and Range	K-band (24.15GHz) direct sensing; license free (FCC part 15 compliant); average range at 450 feet (plus 400' or minus 100' depending on vehicle size)
Materials and Construction	
Chassis Size/Total Weight	24" width x 30" height x 2-1/4" depth; 35 pounds with battery
Front Face Sheeting	3M™ Diamond Grade™, high visibility prismatic, long life protective sheeting
Sign Face Color	White; fluorescent yellow-green; with additional colors optional
Sign Mounting Construction	1/8" thick aluminum brackets and face; standard 3% tilt bracket configuration; flat mount brackets optional Sealed electronics box (ECS) 1/16" thick aluminum enclosure attached to a 1/8" thick mounting plate. The ECS is removable from the chassis as a complete unit.
Vandal Resistant Construction	3/16" high impact polycarbonate face with high contrast mask; anti-glare graffiti and sunlight resistant Provisions for padlocking in place are provided Standard DOT powder coat green color with additional colors optional
Electronics Enclosure Rating	Weatherproof; NEMA 3R
Mounting	Quick detachable mount (lockable). Mount capable of being bolted or banded to a 2" Square pole, U-channel pole, 2 1/2" larger round pole, or flat surface.
Electrical Specifications	
Power Requirements	12VDC, low standby; average day at 8.5W; average night at 1.5W
Voltage Requirements	9V-30VDC; 12VDC Nominal (Battery protection at 11.5VDC and 10.8VDC; startup at 12.3VDC)
Solar Package	Comes complete with a 20 Watt Polycrystalline panel, rack, and integrated TrafficCalm Smart Solar Charger™. Integrated 30 AH NIMH battery pack
Power Options	Upgrade to 60 Watt solar panel
Operating Temperature	Internal components: -34°C to +74°C/-29°F to +165°F Ambient environment: -34°C to +60°C/-29°F to 140°F
Programming Specifications	
Programmable Display Features	Min speed to display, over speed, and maximum speed to display Display type: actual speed; flashing digits; steady digits Control line for external devices such as beacons
Schedules	Repeating daily: 1 event
Communications	IrDA Compliant Wireless Remote
Warranties	3 year limited warranty, Power options: 1 year limited warranty on battery



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**PYRAMID
CONSTRUCTION
AND AGGREGATES, INC.**

General Engineering Contractor
State Contractor Lic. No. 866533

April 15, 2019

The Holt Group
1601 N Imperial Ave
El Centro, CA 92243

Reference: RFP for Temporary and Permanent Fence on Retaining Wall.

INSTALL 270 LF FENCING

Install temp fence until perm fence is ready
Perm fence as per detail attached 6' high/1" mesh

114.13 Per LF X 270 LF

\$30,815.10

We will need 5 days to install fence.

No traffic control needed if installed before flip.

Archie Abeyta
Project Manager

ALL VALLEY FENCE & SUPPLY, INC.
164 N "O" STREET / P.O. BOX 187
IMPERIAL, CA. 92251
PH 760-355-7007 / FAX 760-355-7010
allvalleyfence@yahoo.com

DATE: 4-11-19

TO: PYRAMID CONST.

RE: 1" MESH

Please accept this letter as written confirmation to our bid for the above referred project.

Base Bid \$26,797.50 Furnished/Installed

Scope of Work

APPROX: 270' OF 6'(H) 1" CHAIN LINK
MESH SET ON TOP OF WALL. 1 5/8" TOP
RAIL, 1 5/8" BOTTOM RAIL, 2 3/8" SS40 POSTS
SET IN SLEEVES
PRICE \$ 99.25 P/F

Exclusion SIGNS

Addendum

Other

Pricing valid for 90 days from quotation. All pricing based upon the cost of material and labor rates.

If you have any questions, Please do not hesitate to contact me.

DAVID BERNAL
SALES

