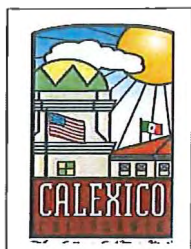


**AGENDA
ITEM**


7




AGENDA STAFF REPORT

DATE: March 1, 2023

TO: Mayor and City Council

APPROVED BY: Esperanza Colio Warren, City Manager 

REVIEWED BY: Sandra L. Fonseca, City Manager

PREPARED BY: Lilliana Falomir, Public Works Manager – Administrative 

SUBJECT: Electric Vehicle Charging Stations:

- a) Authorize the Designation of Four (4) Parking Spaces at the Corner of Fifth Street and Mary Avenue for the Installation of Electric Vehicle Charging Stations.
- b) Adopt Budget Amendment Resolution for Fund No. 255 – American Rescue Plan Act (ARPA) in the Amount of \$38,000.00.

=====

Recommendation:

It is recommended that the City Council of the City of Calexico approve the following:

- a) Authorize the Designation of Four (4) Parking Spaces at the corner of Fifth Street and Mary Avenue for the installation of Electric Vehicle Charging Stations.
- b) Adopt Budget Amendment Resolution for Fund No. 255 – American Rescue Plan Act (ARPA) in the amount of \$38,000.00.

Background:

The City of Calexico was approached by Comité Civico Del Valle to install electric vehicle (EV) charging stations in the City of Calexico. A list of proposed locations was provided to Comité Civico Del Valle and after careful review both parties have agreed that the best location for the installation of the EV charging stations would be on corner of Fifth Street and Mary Avenue due to the following:

- Proximity to public facilities (City Hall, Fire Station No. 1, Police Station, Rockwood Plaza Park, etc.).
- Proximity to San Diego State University – Imperial Valley Campus.
- Commercial and residential areas.

**AGENDA
ITEM**

7

Discussion & Analysis:

Comite Civico Del Valle is currently working on submitting a grant application through the California Energy Commission, Center for Sustainable Energy (CSE), California Electric Vehicle Infrastructure Project's (CALeVIP) to fund the purchase and installation of two (2) EV charging stations that will accommodate four (4) vehicles. The goal of CALeVIP is to quickly and efficiently deploy incentives for the installation of electric vehicle chargers within California to help meet the State's zero-emission vehicle goals.

Before the application is submitted, City staff and Comite Civico Del Valle are recommending that the City Council of the City of Calexico review the attached draft site plan (Attachment No. 1) and authorize the designation of four (4) parking spaces on the corner of Fifth Street and Mary Avenue for the installation of EV charging stations. If this item is approved, Comite Civico Del Valle will proceed with submitting the grant application. In the meantime, City staff will work with Comite Civico Del Valle to create an Electric Vehicle Charging Station Agreement. Please note that the agreement will be brought before City Council for review and consideration on a later date.

In addition, City staff is also recommending that the City Council allocate \$38,000.00 from Fund No. 255 – American Rescue Plan Act (ARPA) to upgrade the City's current electrical system that will accommodate the installation of two (2) electric vehicle charging stations.

Fiscal Impact:

Capital Improvement Program Budgeted Item for FY 2022-2023	
ARPA Fund No. 255-91-908-56000-003	\$38,000.00
Total	\$38,000.00

Coordinated With:

City Manager's Office.
Planning and Building Department.
Public Works Department.
Comite Civico Del Valle.

Attachment(s):

1. Draft Site Plan.
2. Adopt Budget Amendment Resolution for Fund No. 255 – American Rescue Plan Act (ARPA) in the amount of \$38,000.00.
3. IID Estimated Cost for Upgrade of Electrical Services.

ATTACHMENT NO. 1

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO STARTING WORK. THE DESIGNER SHALL BE NOTIFIED OF ANY DISCREPANCIES.
2. ALL WORKMANSHIP AND MATERIALS SHALL EQUAL OR EXCEED THE MINIMUM STANDARDS OF THE LATEST ADOPTED ISSUE OF THE UBC (2018 CA CODE AMENDMENTS.)
3. ELECTRICAL WORK TO COMPLY WITH THE NATIONAL ELECTRIC CODE.
4. ALL CONSTRUCTION SHALL CONFORM TO LOCAL CODES AND REQUIREMENTS AS REQUIRED BY THE CITY OF CALEXICO BUILDING DEPARTMENT.
5. BRACING AND TEMPORARY SUPPORTS SHALL BE PROVIDED AS REQUIRED TO HOLD THE WORK SECURELY IN PLACE AND TO SUSTAIN ALL LOADS THAT MAY OCCUR DURING CONSTRUCTION.
6. PLANS SHALL NOT VIOLATE ANY SECTION OF APPLICABLE BUILDING CODE OR CITY OR STATE ORDINANCE.
7. FOUNDATION SOILS TO BE TREATED FOR ANTS, ROACHES AND TERMITES AND 5 YEAR CERTIFICATE PROVIDED.

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING CODES :

- 2019 CALIFORNIA BUILDING CODE (CBC) BASED UPON THE 2018 IBC
- 2019 CALIFORNIA MECHANICAL CODE (CMC) BASED UPON THE 2018 UMC
- 2019 CALIFORNIA PLUMBING CODE (CPC) BASED UPON THE 2018 UPC
- 2019 CALIFORNIA ELECTRICAL CODE (CEC) BASED UPON THE 2017 NEC
- 2019 CALIFORNIA FIRE CODE (CFC) BASED ON THE 2018 INTERNATIONAL FIRE CODE
- 2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS (ENERGY CODE)
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC)
- AMERICAN CONCRETE INSTITUTE (ACI 318-99)

OWNER:

E 5th St & MARY AVE
CALEXICO CA. 92231

ADDRESS:

E 5th St & MARY AVE
CALEXICO CA. 92231

APN:

058-445-001

TYPE OF CONST.:

V-N

BUILDING USE:

PARK

PROPOSED

EV CHARGING STATION



SITE PLAN
NTS

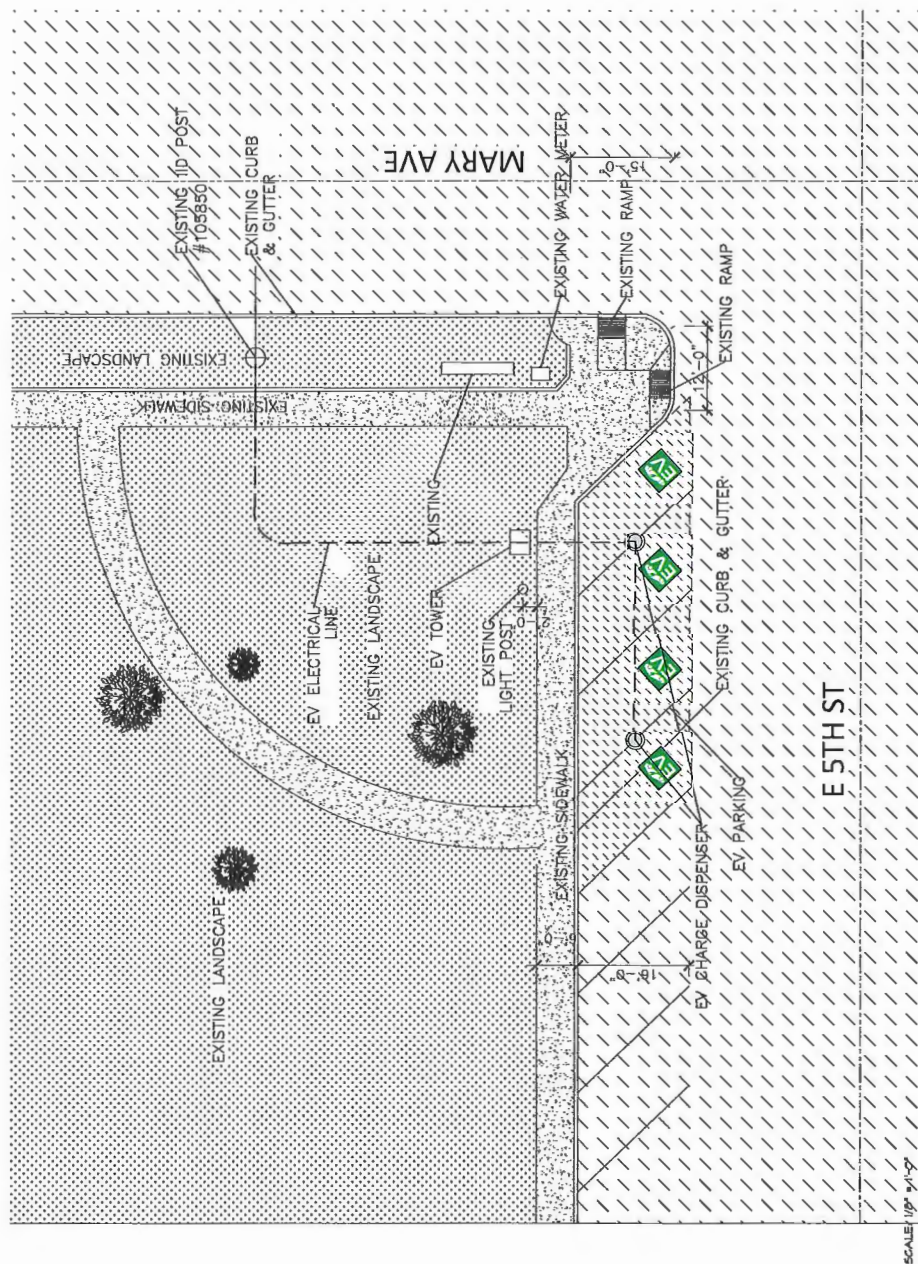
1

DATE: 02-19-2023
SCALE: AS NOTED
JOB NO: 00-23
DRAWN BY:

E 5th St & MARY AVE
CALEXICO CA.
EV CHARGING STATION
APN: 058-445-001

SITE PLAN

REVISIONS



ENLARGED SITE PLAN

ATTACHMENT NO. 2



BUDGET AMENDMENT RESOLUTION NO. 2023-____
BUDGET AMENDMENT RESOLUTION OF THE CITY COUNCIL
OF THE CITY OF CALEXICO AUTHORIZING AN AMENDMENT
TO THE FINAL BUDGET FOR FISCAL YEAR 2022-2023

WHEREAS, the Final Budget for Fiscal Year 2022-2023 was adopted by Resolution No. 2022-48 of the City Council on August 10, 2022; and

WHEREAS, the City Council has authorized the amendment of the Final Budget, in accordance with proper governmental accounting and financial reporting practices; and

NOW THEREFORE, the City Council of the City of Calexico hereby resolves and authorizes the following action(s)

AMENDMENTS TO ADOPTED BUDGET:

1) Record Revenue Estimates(s)

Fund No.	Department	Division	Account	Sub-Account	Amount
			Total	\$	-

2) Record Appropriation(s)

Fund No.	Department	Division	Account	Sub-Account	Amount
			Total	\$	-

3) Record Transfer of Funds:

FROM:

Fund No.	Department	Division	Account	Sub-Account	Amount
255	91	908	55025	000	\$ 38,000.00
			Total	\$	38,000.00

TO:

Fund No.	Department	Division	Account	Sub-Account	Amount
255	91	908	56000	003	\$ 38,000.00
			Total	\$	38,000.00

5)Purpose of Budget Amendment:

Electrical Services for the installation of Electric Vehicle Charging Stations on the corner of Fifth Street and Mary Avenue

PASSED, APPROVED AND ADOPTED by the City Council of the City of Calexico at the regular meeting this 1st day of March, 2023.

JAVIER MORENO, Mayor

ATTEST:

GABRIELA GARCIA, City Clerk

APPROVED AS TO FORMS;

CARLOS CAMPOS, City Attorney

STATE OF CALIFORNIA)
CITY OF CALEXICO) ss.
COUNTY OF IMPERIAL)

I, Gabriela Garcia, Deputy City Clerk of the City of Calexico, do hereby certify under the penalty of perjury, that the foregoing Resolution No. 2023-__, was duly adopted by the City Council at their regular meeting of said City Council held on the 1st day of March, 2023 by the following votes:

AYES:

NOES:

ABSTAIN:

ABSENT:

GABRIELA GARCIA, City Clerk
City of Calexico

ATTACHMENT NO. 3

Lilliana Falomir

From: Lopez, Joel F <JFLopez@IID.com>
Sent: Thursday, February 9, 2023 8:27 AM
To: Lilliana Falomir
Subject: RE: EV Charging Stations

Lilly, please see the for the configuration for the EV on the below: only a estimate very site could be different.

1. Over head service estimate at \$12k
2. Underground service estimate \$26k

Joel

Category 2-G8 CT**Install Primary Riser, Pad Transformer, Run Service and Set Meter 277/480V 3Ph 200-400 A**

Characteristic	Work Center	Plnt	Operaton Description	Work	Un.	No	Duration	Un.
CAT 2-G	302220/302320	T&D/LAQ	UG Construction & Service	70.0	H	5	1.6	Day
	TBD	AUTO	Vehicle time	56.0	H	4		
	302336/302337	T&D/LAQ	Set meter	6.5	H	1	0.72	Day
	BUCKTROU	AUTO	Vehicle time	6.5	H	1		
	302230/302330	T&D/LAQ	Energize	0.5	H	1	0.06	Day
	BUCKTROU	AUTO	Vehicle time	0.5	H	1		
	303225/303325	T&D/LAQ	UG Inspection Final	13.0	H	1	1.44	Day
	PU1/2T	AUTO	Vehicle time	13.0	H	1		
	303220/303320	T&D/LAQ	Engineering fees	6.0	H	1	0.67	Day
	Primary Cable UG x3	T&D/LAQ				1		
	Primary Riser 3p	T&D/LAQ				1		
	Fuse OH x 3	T&D/LAQ				1		
	Transformer UG 3ph	T&D/LAQ				1		
	Secondary UG Wire 3ph	T&D/LAQ				1		
688 and 690	CT	T&D/LAQ				1		

Category 1-A8 CT
Install Transformers, Run OH Service and Set Meter 277/480V 3Ph 400 Amp 3 TUB

Characteristic	Work Center / Material	Plnt	Operaton Description	Work	Un.	No	Duration	U
CAT 1-A	302220/302320	T&D/LAQ	OH construction & Se	36.0	H	4	1.0	C
	TBD	AUTO	Vehicle time	27.0	H	2		
	302336/302337	T&D/LAQ	Set meter	6.5	H	1	0.72	C
	BUCKTROUGH	AUTO	Vehicle time	6.5	H	1		
	302230/302330	T&D/LAQ	Energize	0.5	H	1	0.06	C
	BUCKTROUGH	AUTO	Vehicle time	0.5	H	1		
	Primary Transformer Connection	T&D/LAQ				1		
	Transformer Package	T&D/LAQ				1		
	Secondary Wire 400A Quad	T&D/LAQ				1		
	CT Meter	T&D/LAQ				1		

Imperial Irrigation District
 333 S. Waterman Ave., El Centro, CA 92243



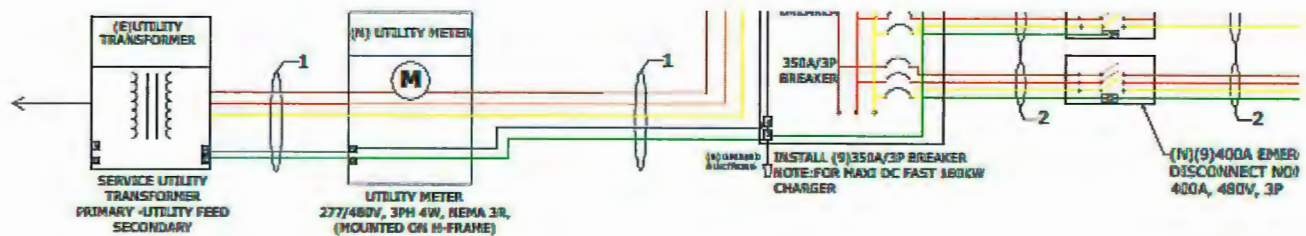
Joel F. Lopez
 Senior Project Development Planner
 Customer Project Development
 Energy Department
 Office No. : 760-482-3444
 Cell Phone: 760-427-7688
 Fax: 760-482-3301
 Email: jflopez@iid.com

From: Lopez, Joel F
Sent: Monday, February 6, 2023 5:34 PM
To: 'Lillian Falomir' <falomir@calexico.ca.gov>
Subject: RE: EV Charging Stations

Lilly, I would need to know the electrical load. For example typ. 3 tier EV : 277/480v 400amps for 1- DC fast charger 180kw with 2 pump stations.

Please confirm if this is what you are requesting.

Thank you
 JOEL



Imperial Irrigation District
333 S. Waterman Ave., El Centro, CA 92243



Joel F. Lopez
Senior Project Development Planner
Customer Project Development
Energy Department
Office No. : 760-482-3444
Cell Phone: 760-427-7688
Fax: 760-482-3301
Email: jflopez@iid.com

From: Lilliana Falomir <falomirl@calexico.ca.gov>

Sent: Monday, February 6, 2023 4:23 PM

To: Lopez, Joel F <JFLopez@IID.com>

Subject: EV Charging Stations

[CAUTION] This email originated from **outside** of the **IID**. Do not reply, click on any links or open any attachments unless you trust the sender and know the content is safe.

Good Afternoon Joel,

The City of Calexico and Comite Civico del Valle are looking into installing two (2) 3 tier electric vehicle (EV) charging station on 5th Avenue and Mary Avenue, see aerial attachment. Is it possible to get an estimated cost from the IID to see how much it will be to install the stations? Please include engineering fee, permitting, upgrading exiting infrastructure, etc.).

Let me know if you have any questions.

Sincerely,

Lilliana "Lily" Falomir
Public Works Manager – Administrative
City of Calexico
Public Works Department
608 Heber Avenue
Calexico, CA 92231
760/768-2160
760/768-0992Fax
falomirl@calexico.ca.gov