



1126 South Commerce St.  
Harlingen, TX 78550  
Off: (956) 230-3435  
Fax: (956) 720-0830  
[www.ethoseng.net](http://www.ethoseng.net)



03/28/2024

March 28, 2024

IDEA Public Schools Electrical Switchgear Upgrades at Multiple Campuses CSP#22-ESGU-0424

## ADDENDUM NO. 2

### A. PURPOSE AND INTENT

This addendum is issued for the purpose of modifying the plans for the project referenced above. This addendum shall become part of the contract and all contractors shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same. The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this addendum.

### B. SCOPE

#### I. Clarifications

1. Bid Due Date has changed to Friday, April 5, 2024. Time and place remain unchanged.
2. Pre-Bid Meeting Signing Sheet and Plans Holder's List: See attached.
3. Contractor Questions:
  - a) Does the replacement electrical gear need to be the same manufacturer as existing? **Response: Negative, it's not required.**
  - b) Do the feeders at IDEA Brownsville need to be replaced if they fail the megger test? **Response: Yes.**
  - c) Would you please provide a cost estimate/budget? **Response: \$2,106,000.00.**
  - d) Who is responsible for new primary wiring where applicable? **Response: Primary wiring installed by utility company; raceways provided by this contractor.**
  - e) For Brownsville and Frontier locations, plans required the new switchgear to be N4XSS, some of the specified brands does not offer Stainless Steel, is N3R an option for these two locations? **Response: A NEMA 1 switchboard with a drop over stainless-steel enclosure is acceptable at these two campuses.**
  - f) For Brownsville and Edinburg locations, plans required the new switchgear to be MLO service entrance. Please confirm if this complies with the 2020 version of the

NEC 230.71 (B) and no need for an MCB for these two locations? **Response: For Brownsville campus please provide a MCB in lieu of MLO.**

## **II. Specifications**

1. Section 000400 – Competitive Sealed Proposal Form: See attached revised.
2. Section 011000 - Summary of Work: See attached cover sheet for revised scope of work.
3. Section 024440 – Chain Link Fences and Gates: Temporarily remove existing fencing as required for removal/installation of switchboards. Reinstall to existing conditions.
4. Section 260010 - Summary of Electrical Work: See attached cover sheet for revised scope of work.

## **III. Drawings**

1. Cover:
  - a) Revised Scope of Work. See attached sheet.
2. Sheet E1.02:
  - a) New Switchboard shall be MCB in lieu of MLO.
3. Sheet E2.02:
  - a) New Switchboard Elevation Note #10 shall apply to breakers rated 1,000A and above.
4. Sheet E3.02:
  - a) New Switchboard Elevation Note #10 shall apply to breakers rated 1,000A and above.
5. Sheet E4.02:
  - a) Keyed Notes #10 & #11; refer to structural drawings in lieu of civil. Civil drawings are not applicable.
6. Sheet E4.03:
  - a) New Switchboard Elevation Note #10 shall apply to breakers rated 1,000A and above.
7. Sheet E5.02:
  - a) New Switchboard Elevation Note #10 shall apply to breakers rated 1,000A and above.
8. Sheet E7.02:
  - a) New Switchboard Elevation Note #10 shall apply to breakers rated 1,000A and above.



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Phone: 956-230-3435

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**IDEA Public Schools Electrical Switchgear Upgrades at Multiple Campuses CSP# 22-ESGU-0424**  
**9:00 AM Tuesday, March 26, 2024**  
**PRE-BID SIGN IN SHEET**

<u>NAME</u> <u>EMAIL</u>	<u>COMPANY</u>	<u>PHONE</u>	<u>EMAIL</u>
Chris Garza	Ethos Engineering	956-230-3435	<a href="mailto:chris@ethoseng.net">chris@ethoseng.net</a>
Antonio Guevara	IDEA Public School	956-272-2360	<a href="mailto:antonio.guevara@ideapublicschools.org">antonio.guevara@ideapublicschools.org</a>
Bonnibelle Trejo	IDEA Public School	956-586-4129	<a href="mailto:bonnibelle.trejo@ideapublicschools.org">bonnibelle.trejo@ideapublicschools.org</a>
Elda Pruneda	IDEA Public School	956-678-2403	<a href="mailto:elda.pruneda@ideapublicschools.org">elda.pruneda@ideapublicschools.org</a>
Ramon Cardiel	Global Electric	956-831-5004	<a href="mailto:ramon@globalelectricrgv.com">ramon@globalelectricrgv.com</a>
Jorge McCarver	Metro Electric	956-686-2323 Ext. 124	<a href="mailto:jorge.mccarver@metroelectric-rgv.com">jorge.mccarver@metroelectric-rgv.com</a>



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Project: IDEA Public Schools Electrical Switchgear Upgrades at Multiple Campuses CSP# 22-ESGU-0424  
 Bid Date: Friday, April 5, 2024 @ 3:00 PM  
 Bid Conference: Tuesday, March 26, 2024 @ 9:00 AM

Contractor Name: AGC Planroom Addendum# 1 Date: 3/18  
 Address: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: \_\_\_\_\_  
 Email: sanjuana@rgvagc.org Plan# \_\_\_\_\_  
 Check # \_\_\_\_\_

Contractor Name: Dodge Construction Network Addendum# 1 Date: 3/18  
 Address: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: \_\_\_\_\_  
 Email: milica.yurong@construction.com Plan# \_\_\_\_\_  
 Check # \_\_\_\_\_

Contractor Name: Construct Connect Addendum# 1 Date: 3/18  
 Address: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: \_\_\_\_\_  
 Email: matthew.douglas@constructconnect.com Plan# \_\_\_\_\_  
 Check # \_\_\_\_\_

Contractor Name: Virtual Builders Addendum# 1 Date: 3/18  
 Address: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: \_\_\_\_\_  
 Email: heidi@virtualbx.com Plan# \_\_\_\_\_  
 Check # \_\_\_\_\_

Contractor Name: Derek Gerdes Metro Electric Addendum# 1 Date: 3/19  
 Address: 1901 Industrial Dr Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: McAllen, Texas 78504 Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: 956-686-2323  
 Email: derek.gerdes@metroelectric-rgv.com Plan# via hightail 3/19/2024  
 Check # \_\_\_\_\_

Contractor Name: Dagoberto Perez Addendum# 1 Date: 3/20  
 Address: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 City,State,Zip: \_\_\_\_\_ Addendum# \_\_\_\_\_ Date: \_\_\_\_\_  
 Phone & Fax#: \_\_\_\_\_  
 Email: build@riounited.com Plan# via hightail 3/20/2024  
 Check # \_\_\_\_\_



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Project:  
 Bid Date:  
 Bid Conference:

Contractor Name:	<u>Ramon Cardiel</u>	Addendum# <u>1</u> Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	<u>956-831-5004</u>	
Email:	<u>ramon@globalelectricgv.com</u>	Plan# <u>C Project</u>
Check #	_____	
-----		
Contractor Name:	<u>Pete's Electric</u>	Addendum# <u>1</u> Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	_____	
Email:	<u>yoli_peteselectricco@aol.com</u>	Plan# _____
Check #	_____	
-----		
Contractor Name:	_____	Addendum# _____ Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	_____	
Email:	_____	Plan# _____
Check #	_____	
-----		
Contractor Name:	_____	Addendum# _____ Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	_____	
Email:	_____	Plan# _____
Check #	_____	
-----		
Contractor Name:	_____	Addendum# _____ Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	_____	
Email:	_____	Plan# _____
Check #	_____	
-----		
Contractor Name:	_____	Addendum# _____ Date: _____
Address:	_____	Addendum# _____ Date: _____
City,State,Zip:	_____	Addendum# _____ Date: _____
Phone & Fax#:	_____	
Email:	_____	Plan# _____
Check #	_____	

**000400 – COMPETITIVE SEALED PROPOSAL FORM**

**PROJECT TITLE:** IDEA Public Schools Electrical Switchgear Upgrades at Multiple Campuses

**PROPOSAL NO:** CSP# 22-ESGU-0424

**DUE DATE, TIME & PLACE:** Friday, April 5, 2024 at 3:00 pm  
Idea Public Schools Head Quarters  
2115 W. Pike Blvd., Weslaco, TX 78596

**ESTIMATED COST:** \$2,106,000.00

1. The undersigned OFFEROR proposes and agrees, if this proposal is accepted, to enter into an Agreement with OWNER to provide and install Equipment and Materials as specified or indicated in the Contract Documents for the Contract Price and within the Contract, Time indicated in this Proposal and in accordance with the Contract Documents.
2. OFFEROR accepts all of the terms and conditions of the Instructions to Bidders and Supplementary Instructions to Bidders. This Proposal shall remain in effect for a period of no less than sixty (60) days after the date of Proposal opening.
3. In submitting this Bid, OFFEROR certifies that:
  - (a) OFFEROR has examined copies of all the Contact Documents and the following Addenda:

<u>Date</u>	<u>Number</u>
_____	_____
_____	_____
_____	_____

(receipt of all of which is hereby acknowledged) and also copies of the Advertisement or Invitation to Submit Proposal and the Instructions to BIDDERS; and

- (b) This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; OFFEROR has not directly or indirectly induced or solicited any other OFFEROR to submit a false or sham Bid; OFFEROR has not solicited or induced any person, firm or a corporation to refrain from proposing; and OFFEROR has not sought by collusion to obtain for himself any advantage over any other OFFEROR or over OWNER.
4. Project Deadlines and Penalties: This provision shall be enforced, except in the event of inclement weather, unnecessary delay caused by OWNER or his agent, or other natural disaster or Act of God beyond Contractor's control.
  - (a) For penalties, refer to AIA Contract between Owner and Contractor, along with all applicable amendments.

5. Communications concerning this Proposal shall be addressed to:

**000400 – COMPETITIVE SEALED PROPOSAL FORM**

Guillermo Quintanilla  
1126 South Commerce Street  
Harlingen, Texas 78550  
Phone: (956) 230-3435; Fax: (956) 720-0830  
Email: [gquin@ethoseng.net](mailto:gquin@ethoseng.net)

Chris Garza  
1126 South Commerce Street  
Harlingen, Texas 78550  
Phone: (956) 230-3435; Fax: (956) 720-0830  
Email: [chris@ethoseng.net](mailto:chris@ethoseng.net)

**NOTICE:**

In determining the best value for the district, the district is not restricted to considering price alone but may consider any other factor stated in the selection criteria.

It is the intent of the OWNER to award a Contract to the OFFEROR that offers the best value for the OWNER, according to the following weighted selection criteria established by the OWNER.

The OWNER reserves the right to accept or reject any and/or all Bids, to accept the Proposal that, in the OWNER'S judgment, is in the OWNER'S best interest, and to waive informalities or irregularities in a Proposal received.

The OWNER will document the basis of its selection and will make the evaluations public not later than the seventh day after the date the contract is awarded.

Bids received from nonresident Offerors will be evaluated by the Owner as required by House Bill 620, 69th Legislature, 1985.

**000400 – COMPETITIVE SEALED PROPOSAL FORM**

OFFEROR will supply and install on-site mechanical/electrical equipment and services as specified in the Project Manual dated March 15, 2024 for the following price:

**BASE PROPOSAL:**

[Proposal amount includes Allowances as per specifications section 012100].

\$ \_\_\_\_\_ (number)

\_\_\_\_\_ (words)

**IDEA BROWNSVILLE ALTERNATE #1 : Provide new wiring for Panels “DPA” and “DPB”**

\$ \_\_\_\_\_ (number)

\_\_\_\_\_ (words)

**PROPOSED SUBSTANTIAL COMPLETION DATE of the project in its entirety.**

Our Proposal proposes to use the following Contractors, Subcontractors, Manufacturers, Products, Material Suppliers and Equipment Suppliers for the principal portions of the work.

NAME(S) OF SUB-CONTRACTORS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NAME(S) OF EQUIPMENT SUPPLIERS:

\_\_\_\_\_  
\_\_\_\_\_

OTHER:

\_\_\_\_\_  
\_\_\_\_\_



**000400 – COMPETITIVE SEALED PROPOSAL FORM**

Name and Address of OFFEROR:

Signature

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Name and Title  
\_\_\_\_\_  
\_\_\_\_\_

Telephone \_\_\_\_\_

Sworn to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

**SEAL**

\_\_\_\_\_  
Notary Public in and for the State of Texas

**SEAL (If Proposal is By a Corporation)**

\_\_\_\_\_

# IDEA PUBLIC SCHOOLS

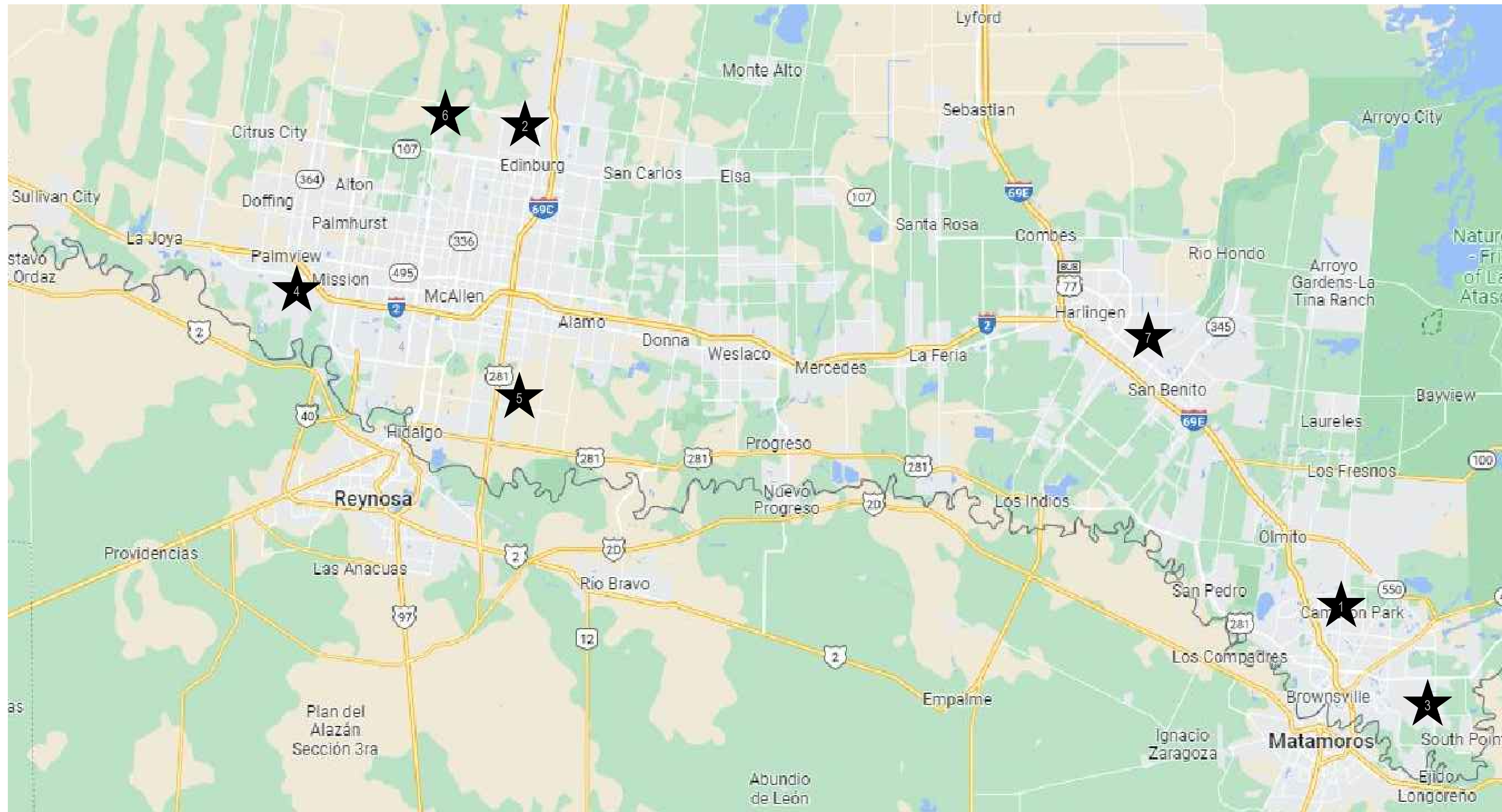
## ELECTRICAL SWITCHGEAR UPGRADES AT MULTIPLE CAMPUSES RFP# 22-ESGU-0424

NO. REVISION: BY:  
 300 3/18/2024 ETHOS  
 300 3/28/2024 ETHOS

COPY NO.



IDEA PUBLIC SCHOOLS  
ELECTRICAL SWITCHGEAR UPGRADES AT MULTIPLE CAMPUSES  
TEXAS



**DATE OF ISSUE**  
MARCH 15, 2024

**LIST OF DRAWINGS**

COVER	COVER SHEET	E7.02	IDEA SAN BENITO ELECTRICAL PLAN
E0.01	ELECTRICAL GENERAL NOTES, DETAILS, SYMBOLS LEGEND & ABBREVIATIONS	S1.1	IDEA MISSION GENERAL STRUCTURAL NOTES
E1.01	IDEA BROWNSVILLE ELECTRICAL SITE PLAN	S2.1	IDEA MISSION STRUCTURAL PLAN & DETAIL
E1.02	IDEA BROWNSVILLE ELECTRICAL PLAN	S2.2	IDEA MISSION STRUCTURAL PLAN & ELEVATIONS
E1.03	IDEA BROWNSVILLE ELECTRICAL RISER DIAGRAM		
E2.01	IDEA EDINBURG ELECTRICAL SITE PLAN		
E2.02	IDEA EDINBURG ELECTRICAL PLAN		
E3.01	IDEA FRONTIER ELECTRICAL SITE PLAN		
E3.02	IDEA FRONTIER ELECTRICAL PLAN		
E4.01	IDEA MISSION ELECTRICAL SITE PLAN		
E4.02	IDEA MISSION ELECTRICAL PLAN & RISER DIAGRAM		
E4.03	IDEA MISSION ELECTRICAL DETAILS		
E5.01	IDEA PHARR ELECTRICAL SITE PLAN		
E5.02	IDEA PHARR ELECTRICAL PLAN		
E6.01	IDEA QUEST ELECTRICAL SITE PLAN		
E6.02	IDEA QUEST ELECTRICAL PLAN		
E7.01	IDEA SAN BENITO ELECTRICAL SITE PLAN		

**EXECUTIVE COMMITTEE**

COLLIN SEWELL	CHAIR
ED RIVERA	VICE-CHAIR
ERICH HOLMSTEN	TREASURER
RYAN VAUGHAN	SECRETARY

**BOARD OF DIRECTORS**

MICHAEL ADAMS	MEMBER
GARY LINDGREN	MEMBER
THERESA BARRERA -SHAW	MEMBER
NANETTE COCERO	MEMBER
DR. JEFF COTTRILL	CEO AND SUPERINTENDENT
CODY GRINDLE	PRESIDENT
DR. ERNIE CANTU	CHIEF SCHOOLS OFFICER

**RIO GRANDE VALLEY REGIONAL BOARD**

MARIA ANTONIA CHAPA	ANDREA RODRIGUEZ
CERISE R. DE GARDUNO	ALYSSA L. ROMERO, BOARD CHAIR
SARAH GARZA	BOBBY SAENZ
ZULIEDA LOPEZ-HABBOUCHE	CJ SANCHEZ
	JESUS (JESSE) ZEPEDA

**SCHOOL LIST:**

- IDEA BROWNSVILLE  
4395 PAREDES LINE RD, BROWNSVILLE, TX
- IDEA EDINBURG  
2553 N ROEGLERS ROAD, EDINBURG, TX
- IDEA FRONTIER  
2800 S DAKOTA AVE, BROWNSVILLE, TX
- IDEA MISSION  
1600 S SCHUERBACH ROAD, MISSION, TX
- IDEA PHARR  
600 E LAS MILPAS RD, PHARR, TX
- IDEA QUEST  
14001 N ROUTH RD, EDINBURG TX
- IDEA SAN BENITO  
2151 RUSSELL LN, SAN BENITO, TX

VICINITY MAP - RIO GRANDE VALLEY



**SCOPE OF WORK**

- GENERAL: THE 'IDEA PUBLIC SCHOOLS ELECTRICAL SWITCHGEAR UPGRADES AT MULTIPLE CAMPUSES' CONSISTS OF EXISTING SINGLE-STORY BUILDINGS AT MULTIPLE CAMPUSES. THESE BUILDINGS WILL GENERALLY BE OPERATED FROM 7:00AM TO 6:00PM (MONDAY THROUGH FRIDAY) WITH OCCASIONAL AFTER HOURS AND WEEKENDS USE.
- ELECTRICAL: PROVIDE ALL MATERIALS AND LABOR ASSOCIATED WITH A COMPLETE OPERATIONAL ELECTRICAL DISTRIBUTION SYSTEM. MAJOR ITEMS OF WORK INCLUDE, BUT ARE NOT LIMITED TO:
  - (A) ELECTRICAL SERVICE(S): TO REMAIN AS IS.
  - (I) ALTERNATE #1 - IDEA BROWNSVILLE PANELS DPA AND DPB: PROVIDE NEW WIRING.
  - (II) IDEA EDINBURG: TO REMAIN AS IS.
  - (III) IDEA FRONTIER: TO REMAIN AS IS.
  - (IV) IDEA MISSION: MODIFY THE EXISTING UNDERGROUND ELECTRICAL SERVICE. COORDINATE WORK WITH AEP AND IDEA PS STAFF. THE UTILITY COMPANY WILL REMOVE EXISTING PAD MOUNT TXFMR FOR CONTRACTOR TO MODIFY THE EXISTING TXFMR CONCRETE PAD AS NOTED ON THE STRUCTURAL PLANS. THE UTILITY COMPANY SHALL REMOVE AND PROVIDE MEDIUM VOLTAGE CONDUCTORS AND REINSTALL THE TRANSFORMER. PROVIDE NEW FENCING AS NOTED ON PLANS.
  - (V) IDEA PHARR: TO REMAIN AS IS.
  - (VI) IDEA QUEST: TO REMAIN AS IS.
  - (VII) IDEA SAN BENITO: TO REMAIN AS IS.
  - (VIII) IDEA SAN BENITO: TO REMAIN AS IS.
  - (B) SWITCHBOARD(S): DISCONNECT AND REMOVE EXISTING WHERE NOTED. PROVIDE NEW PAD MOUNTED OUTDOOR RATED.
  - (C) EXISTING FENCING: REMOVE AND REINSTALL AS NECESSARY FOR NEW SWITCHGEAR INSTALLATION.
  - (D) COORDINATION AND ARC FLASH STUDIES: PLEASE PROVIDE - SEE SPECIFICATIONS.
  - (E) PANELBOARD(S): DISCONNECT AND REMOVE EXISTING WHERE NOTED. PROVIDE NEW OUTDOOR RATED.
  - (F) FEEDERS & BRANCH CIRCUITS: TEMPORARILY DISCONNECT AND OR REMOVE AND REPLACED AS NOTED. RECONNECT AND OR PROVIDE NEW AS NOTED.
  - (G) COMMISSIONING: PROVIDE FOR THE ELECTRICAL EQUIPMENT.



DATE: MARCH 15, 2024  
 CHECKED BY: G.G.  
 DRAWN BY: R.E.  
 PROJECT NO.: 23v75  
 CAD FILE:  
 SHEET:  
**COVER**