

EED ENGINEERING, INC.

1119 Flores, Suite 300, TX. 78040
(956) 645-4750 edgar@eedengineeringinc.com
TBPE Firm Registration No.: F-12716

PROPOSAL – AGREEMENT REV-2

March 19, 2025

1. CLIENT:

Ramon Chavez
City of Laredo-Engineering Department
1110 Houston.
Laredo, TX 78041
Phone: (956) 791-7346
Email: rchavez@ci.laredo.tx.us

Sites: 6700 Arena Blvd, Laredo, TX 78041

2. PROJECT NAME & NUMBER: CITY OF LAREDO SAMES AUTO ARENA AND HANES REC CENTER ATS & GENERATOR

Description of Project Name: Automatic Transfer Switch (ATS) and Portable Generator sizing, ATS & and quick connect installation Design and Contract Administration (CA).
Project Number: EED-22023

PROJECT OVERAL INTENTION NARRATIVE THAT ICLUDES ELECTRICAL, CIVIL, STRUCTURAL AND GEOTECHNICAL ENGINEERING AND CITY OF LAREDO COLABORATION (this is not the scope of work for this proposal):

In reference to the Sames Arena and Hanes Recreational Center ATS (automatic transfer switch) project, it should be done in three phases, but only two phases relate to the ATS.
Phase 1: Procurement of ATS based on existing electrical service equipment at the arena. Since there is a lead time between 8 to 10 months.

Phase 2: Installation of ATS and quick connect wires equipment consist of the following:

1. Electrical installation plans preparations.
2. Electrical: installation plans for ATS to accept quick connect equipment.
3. Bid for installation (optional for COL if prefer to use buy board or contractor existing contract).
4. Coordination with AEP and fire department during installation process to disconnect power temporarily.
5. Contractor to install ATS and rewire system as needed.
6. Contractor to install quick connect wiring into ATS.
7. Some sidewalk concrete work is required, this to be coordinated with the Engineering Department.

Phase 3: In reference to Portable Generators:

1. Procurement of Portable Generators, portable wiring, and adequate to quick connect wires equipment.
2. Bid for installation (optional for COL if prefer to use buy board or contractor existing

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contract).

Additional Scope of work:

AMENDMENT 1:

Provide an alternate installation design for permanent generators at the Sames Auto Arena.

Steps and Items included:

1. Permanent generator and conduits installation preliminary.
2. Permanent generator and conduits installation final.
3. Trade Study comparing the permanent Vs portable generators
4. As-Builts to be provided with the assistance of City of Laredo to provide GPS points and to be included in As-Builts drawings.
5. Operations and Maintenance (O&M) manual based on maintenance instructions from generators manufacturers.
6. Additional 20 hours of contract administration.
7. Generators concrete pad structural drawings.
8. If needed Overhead structures for conduits.
9. Geo tech report for three locations of generators.
10. Pricing and exploration work by an electrical contractor.
11. Engineering allowance for unforeseen situations.

3. SCOPE OF SERVICES (ELECTRICAL ENGINEERING ONLY):

- 1) Site visit.
- 2) Design electrical installation of ATS and wires quick connect.
- 3) Keep picture records for reference and validation.
- 4) Support during the bidding process.
- 5) During construction, perform site visits, support in required meetings, and response to submittals and RFIs.
- 6) Refer to Attachment "B" for clarifications.

4. PROJECT UNDERSTANDING (ELECTRICAL ENGINEERING ONLY):

- 1) Provide ATS and Generator needed ratings to meet existing power service installation.
- 2) Provide pdf Signed and Sealed plans, based on AutoCAD site drawings by others, and provided information. Include specifications for electrical installation.
- 3) Extra equipment would be considered an additional scope of work.
- 4) After contract execution, AutoCAD site drawings, and required information to be provided.
- 5) Support three (3) meetings, and three (3) inspections of site generator installation. Additional site visits to be charged at hourly rates, with a minimum of one hour and per hour increments, no minute's derating.

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5. ENGINEERING FEE:

Itemized fees as follows:

LOCATION		SF OR \$	\$ per SF	Fee
Phase 1: As part of Procurement of ATS based on existing electrical service equipment at the arena. EED Engineering to provide Automatic Transfer Switch (ATS) required rating based on existing electrical power service.	ELECTRICAL	\$4,500.00	1	\$4,500.00
Phase 2: Installation of ATS consist of the following: 1. Electrical installation plans preparations 2. bid process support for installation (optional for COL if prefer to use buy board or contractor existing contract). 3. Coordination with AEP and fire department during installation process to disconnect power temporarily.	ELECTRICAL	\$13,000.00	1	\$13,000.00
Phase 3: In reference to Generators: 1. Generator sizing, wiring sizing for quick connect. 2. Bid process support for installation (optional for COL if prefer to use buy board or contractor existing contract).	ELECTRICAL	\$4,000.00	1	\$4,000.00
Contract administration (CA) 20 hours included.	ELECTRICAL	\$200.00	20	\$4,000.00
TOTAL				\$25,500.00
FEES VALID FOR 2022, LATER DATES, FEES MIGHT CHANGE				

Total:

\$25,500.00 (Twenty Thousand Five Hundred and Zero Cents)

AMENDMENT 1:

LINE ITEM	ENGINEERING	SF OR \$	\$ per SF	Fee	Comments
PERMANENT GENERATOR AND CONDUITS INSTALLATION PRELIMINARY	ELECTRICAL	\$7,500.00	1	\$7,500.00	
PERMANENT GENERATOR AND CONDUITS INSTALLATION FINAL	ELECTRICAL	\$7,500.00	1	\$7,500.00	
TRADE STUDY COMPARING THE PERMANENT VS PORTABLE GENERATORS	ELECTRICAL	\$5,000.00	1	\$5,000.00	
As-builts with GPS points provided by COL	ELECTRICAL	\$3,000.00	1	\$3,000.00	
OPERATIONS AND MAINTENANCE	ELECTRICAL	\$5,000.00	1	\$5,000.00	

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MANUAL BASED ON MAINTENANCE INSTRUCTIONS OF GENERATOR					
CONTRACT ADMINISTRATION (CA) FOR ADDITIONAL 20 HOURS	ELECTRICAL	\$200.00	20	\$4,000.00	
CONCRETE PAD STRUCTURAL DRAWINGS	STRUCTURAL	\$4,500.00	1	\$4,500.00	
OVER-HEAD STRUCTURES FOR CONDUITS	STRUCTURAL	\$7,500.00	1	\$7,500.00	
GEOTECH REPORT	CIVIL LAB	\$5,000.00	1	\$5,000.00	
PRICING AND EXPLORATORY WORK BY ELECTRICAL CONTRACTOR	ELECTRICAL CONTRACTOR	\$10,000.00	1	\$10,000.00	
ENGINEERING ALLOWANCE FOR UNFORESEEN SITUATIONS		\$15,000.00	1	\$15,000.00	

Total Amendment 1:

\$74,000.00 (Seventy-Four Thousand and zero cents).

The fee is subject to change if the project scope of work is modified from the original scope description. Any fee increases for additional services of the project will be discussed and mutually agreed upon before commencing any work beyond the basic work scope. Additional services will be charged at our prevailing hourly rate of \$200.00 (Two Hundred and 00/100 Dollars). Three site visits included. Additional site visits with reports will be charged at a negotiable rate, and any additional time over two hours will be charged at engineering rate mentioned above.

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SCHEDULE OF PAYMENTS:

PHASE		PROJECT PHASE COMPLETION	AMOUNT
1	Start	Startup Fee 0%	\$0.00
2	Sizing	ATS sizing	\$4,500.00
3	Design Stage	ATS Design Stage Drawings ATS and Quick Connect(Electrical)	\$6,500.00
4	Completion	ATS Design completion stage	\$6,500.00
5	Bid Stage	ATS installation bidding stage	\$500.00
6	Construction	Contract Administration (CA), reports and site visits.	\$2,500.00
7	Sizing	Generator sizing and wiring sizing.	\$2,500.00
8	Design Stage	Generator Design Stage Drawings ATS (Electrical)	\$1,500.00
9			
10	Bid Stage	Generator installation bidding stage	\$500.00
11	Construction	Generator Contract Administration (CA), reports and site visits.	\$500.00
		TOTAL	\$25,500.00

AMENDMENT #1

PHASE		PROJECT PHASE COMPLETION	AMOUNT
1	Design Stage	Permanent Generator Drawings Design Stage (Electrical)	\$7,500.00
2	Completion	Permanent Generator Drawings Completion (Electrical)	\$7,500.00
3	Completion	Trade study comparing the permanent vs portable generators	\$5,000.00
4	Completion	As-builts with GPS points provided by COL	\$3,000.00
5	Completion	O&M	\$5,000.00
6	Per hour	Contract Administration (CA), reports and site visits, at \$200.00 per hour.	\$4000.00
7	Completion	Concrete pad structural drawings.	\$2,500.00
8	Completion	Overhead structures for conduits.	\$7,500.00
9	Completion	Geotech report.	\$5,000.00
10	Per month	Pricing and exploration work by electrical contractor.	\$10,000.00
11	Completion	Engineering allowance.	\$15,000.00
		TOTAL	\$74,000.00

6. AGREEMENT:

If the terms and conditions contained herein are acceptable to you, please sign and return both copies of this proposal. EED ENGINEERING, INC. will review any changes, and once acceptable to both parties EED ENGINEERING, INC. will sign and return one copy to you. The opportunity to provide this professional service is greatly appreciated. Please do not hesitate to call if you have any questions or comments regarding this proposal - agreement.

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Sincerely,

Edgar E. DeAnda, P.E. M.S.E.E.
President

Edgar E. DeAnda Approval:



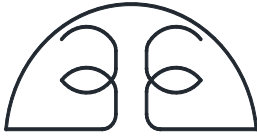
Signature (date) 3/19/2025

Client Approval:

Signature (date)

Print Name

Note: A request to proceed with the project in any form, it implies execution of contract.



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ATTACHMENT B: ENGINEERING CLARIFICATIONS

Reference: **CITY OF LAREDO SAMES AUTO ARENA and HANES REC CENTER ATS & GENERATOR**

I. DEFINITIONS

As used herein, the following words and their derivative words or phrases shall have the meaning indicated, unless otherwise specified in this Agreement. To the extent the terms in this document conflict with provisions of the Professional Services Contract, the Professional Services Contract should prevail.

CERTIFY, CERTIFICATION:

A statement of the Consultant's opinion, based on his or her observation of conditions, to the best of the Consultant's professional knowledge, information and belief. Such statement of opinion does not constitute a warranty or guarantee, either express or implied. It is understood that the Consultant's certification shall not relieve the Client or the Client's contractors of any responsibility or obligation they may have by industry custom or under any contract.

COST ESTIMATE:

A preliminary estimate of probable construction cost made by the Consultant. In providing cost estimates, it is recognized that neither the Client nor the Consultant has control over the costs of labor, equipment or materials, or over the Contractor's methods of determining prices or bidding. The cost estimate is based on the Consultant's reasonable professional judgment and experience and does not constitute a warranty, express or implied, that the Contractor's bids or the negotiated price of the Work will not vary from the Client's budget or from any opinion of probable cost prepared by the Consultant.

DAY, DAYS: A calendar day of 24 hours. The term "days" shall mean consecutive [*calendar or normal business*] days of 24 hours each, or fraction thereof.

HAZARDOUS MATERIALS:

Any substances, including, without limitation, asbestos, toxic or hazardous waste, PCBs, combustible gases and materials, petroleum or radioactive materials (as each of these is defined in applicable federal statutes), mold of whatever nature, or any other substances under any conditions and in such quantities as could pose a substantial danger to persons or property exposed to such substances at or near the Project site.

INSPECT, INSPECTION:

The visual observation of construction to permit the Consultant, as an experienced and qualified Professional, to determine that the Work, when completed by the Contractor, generally conforms to the Contract Documents. In making such inspections, the Consultant makes no guarantees for, and shall have no authority or control over, the Contractor's performance or failure to perform the Work in accordance with the Contract Documents. The Consultant shall have no responsibility for the means, methods, techniques, sequences or procedures selected by the Contractor or for the Contractor's safety precautions and programs nor for failure by the Contractor to comply with any laws or regulations relating to the performance or furnishing of the Work by the Contractor.

RECORD DOCUMENTS:

Drawings prepared by the Consultant upon the completion of construction based upon the drawings and other data furnished to the Consultant by the Contractor and others showing significant changes in the

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Work made during construction. Because Record Documents are prepared using unverified information provided by others, the Consultant makes no warranty of the accuracy or completeness of the drawings.

II. STANDARD OF CARE

In providing services under this Agreement, the Consultant shall perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances at the same time and in the same or similar locality. The Consultant makes no warranty, either express or implied, as to the professional services rendered under this Agreement.

III. DELAYS

Covered by City of Laredo Contract Section IV D.

IV. LENDERS' REQUIREMENTS

The Consultant shall not be required to execute any documents subsequent to the signing of this Agreement that in any way might, in the sole judgment of the Consultant, increase the Consultant's contractual or legal obligations or risks, or adversely affect the availability or cost of its professional or general liability insurance.

V. INDEMNIFICATION

Covered by City of Laredo Contract Section XII.

VII. LIMITATION OF LIABILITY

Covered by City of Laredo Contract Section XII.