

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT:

AGENDA DATE:

PUBLIC HEARING DATE:

CONTACT PERSON NAME:

PHONE NUMBER:

2nd CONTACT PERSON NAME:

PHONE NUMBER:

DISTRICT(S) AFFECTED:

STRATEGIC GOAL:

SUBGOAL:

SUBJECT:

BACKGROUND / DISCUSSION:

COMMUNITY AND STAKEHOLDER OUTREACH:

PRIOR COUNCIL ACTION:

AMOUNT AND SOURCE OF FUNDING:

REPORTING OF CONTRIBUTION OR DONATION TO CITY COUNCIL:

NAME	AMOUNT (\$)

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:

Juan Antonio Nevarez Digitally signed by Juan Antonio Nevarez
Date: 2025.08.28 13:49:12 -06'00'

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign an Agreement for Professional Services by and between the City of El Paso and RS&H, Inc. a professional limited liability company, for a project known as “Architect and Engineering Services for the El Paso International Airport SIDA Ramp Expansion” for an amount not to exceed \$697,936.47; that the City Engineer is authorized to approve additional Basic Services and Reimbursables for an amount not to exceed \$50,000.00 and to approve Additional Services for an amount not to exceed \$50,000.00 if such services are necessary for the proper execution of the project and that the increased amounts are within the appropriate budgets of the project for a total amount of \$797,936.47; and that the City Manager be authorized to establish the funding sources and make any necessary budget transfers and execute any and all documents necessary for the execution of the Agreement.

APPROVED THIS _____ DAY OF _____ 2025.

CITY OF EL PASO:

Renard U. Johnson, Mayor

ATTEST:

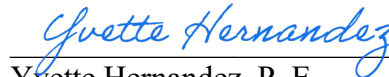
Laura D. Prine
City Clerk

APPROVED AS TO FORM:



Roberta Brito
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Yvette Hernandez, P. E.
City Engineer



CITY OF EL PASO
CAPITAL IMPROVEMENT DEPARTMENT
218 N. CAMPBELL, 2ND FLOOR
EL PASO, TEXAS 79901

EVALUATION COMMITTEE SCORESHEET SUMMARY					
SOLICITATION #2025-0417 AE SERVICES FOR THE EPIA SIDA RAMP EXPANSION					
CONSULTANT	GARVER	LOCHNER	MOLZEN CORBIN	PARKHILL	RS&H
Rater 1	68	62	45	63	71
Rater 2	71	56	53	70	73
Rater 3	74	63	61	69	76
Total Rater Scores	213	181	159	202	220
References	10.0	9.9	6.5	7.4	6.5
Overall Score:	223.0	190.9	165.5	209.4	226.5

2

4

5

3

1

Rankings	Consultant
1	RS&H
2	GARVER
3	PARKHILL

Rankings	Consultant
4	LOCHNER
5	MOLZEN CORBIN

THE STATE OF TEXAS)
)
COUNTY OF EL PASO)

**AN AGREEMENT FOR
PROFESSIONAL SERVICES**

This Agreement is made on this _____ day of _____, 2025 by and between the City of El Paso, a municipal corporation organized and existing under the laws of the State of Texas, hereinafter referred to as the “**Owner**”, and RS&H, Inc., a Florida, USA, Foreign For-Profit Corporation professional limited liability company, hereinafter referred to as the “**Consultant**”.

WHEREAS, the Owner intends to engage the Consultant to perform professional services for the project known as “**Architect and Engineering Services for the El Paso International Airport SIDA Ramp Expansion**” hereinafter referred to as the “**Project**”, as further described in **Attachment “A”**; and

WHEREAS, Consultant has been selected to perform such services as required by the Owner, and the Consultant was selected through the Owner’s selection procedure, in accordance with all applicable state and local laws and ordinances.

NOW, THEREFORE, for the consideration set forth in this Agreement and its attachments, the Owner and Consultant agree as follows:

**ARTICLE I.
ATTACHMENTS**

1.1 The attachments listed herein and attached to this Agreement are incorporated herein by reference for all purposes.

Attachment “A”	Scope of Services and Budget
Attachment “B”	Consultant’s Fee Proposal and Hourly Rates
Attachment “C”	Consultant’s Basic and Additional Services
Attachment “D”	Payment and Deliverable Schedules
Attachment “E”	Insurance Certificate
Attachment “F”	Federal Aviation Administration (FAA) Contract Provisions

**ARTICLE II.
PROJECT**

2.1 The Owner hereby agrees to retain the Consultant and the Consultant agrees to perform the services identified in this Agreement for the Project. The Project shall consist of the Consultant’s completion of the Scope of Services as further described in **Attachment “A”**. Such Scope of Services shall be completed in accordance with the identified phases described in **Attachment “D”**.

2.2 The Consultant shall comply with the City of El Paso Capital Improvement Department Construction Document Guidelines in effect on the execution date of this Agreement in the performance of the services requested under this Agreement. Such Guidelines are available in the Capital Improvement Department.

2.3 The Consultant shall serve as the Owner's professional representative for the construction of the Project to which this Agreement applies and shall give consultation and advice to the Owner during the performance of services.

2.4 The Owner shall provide all available information to the Consultant, as to the Owner's requirements for each Project's the construction contract. The Owner shall also provide to the Consultant, all known information pertinent to the Project site, including previous reports and other data relative to design, such as "as-built" drawings or physical conditions now existing at the Project site. In performing its services, the Consultant will be entitled to rely upon the accuracy of the Owner provided information.

2.5 The Owner hereby designates the City Engineer of the City of El Paso as the Owner's representative with respect to the professional services to be provided by the Consultant pursuant to this Agreement. The City Engineer shall have complete authority to transmit instructions, receive information, interpret and define Owner's policies, and decisions with respect to materials, equipment, elements, and systems pertinent to the work covered by this Agreement. City Engineer will render written decisions within a five (5) working day time period.

ARTICLE III. CONSULTANT FEES AND PROJECT BUDGET

3.1 PAYMENT TO CONSULTANT. The Owner shall pay to the Consultant an amount not to exceed **\$697,936.47** for all basic services and reimbursables performed pursuant to this Agreement.

The City Engineer may, without further authorization from the City Council and in a form approved by the City Attorney, increase the total payment identified for all basic services and reimbursables performed pursuant to this Agreement in an amount not to exceed **\$50,000.00**, if such services are necessary for proper execution of the Project and the increased amounts are within the appropriate budget identified for the identified Project.

In addition, if authorized in advance by the City Engineer, in a form approved by the City Attorney, the Consultant may perform such Additional Services as also enumerated within **Attachment "C"** in an amount not to exceed **\$50,000.00**, if such services are necessary for proper execution of any identified Projects and the increased amounts are within the appropriate budget identified for the identified Projects. Additional Services exceeding **\$50,000.00** must have prior approval by City Council through written amendment to this Agreement.

The parties agree and understand that all fees and compensation to the Consultant shall only become due and payable in accordance with the terms of this Agreement and the fees to be charged for the Project shall be pursuant to the Consultant's fee proposal for such Basic and Additional Services at the rates which is attached hereto as **Attachment "B"**. Payments to the Consultant shall be made pursuant to **Attachment "D"**.

3.2 CONSULTANT’S SERVICES. The Basic Services to be provided by the Consultant for this Agreement are attached hereto as **Attachment “C”**.

3.3 CONSULTANT’S INVOICES. The Consultant shall bill the Owner not more often than monthly, through written invoices pursuant to **Attachment “D”**. Invoices shall indicate the costs for outside consultants with copies of their invoices as back-up materials as well as other authorized direct costs for hourly rate contracts. All invoices shall be made in writing. Within ninety days (90) of substantial completion of construction, all outstanding invoices for all work completed to date by the Consultant shall be submitted to the Owner.

3.3.1 Each invoice shall contain a brief summary indicating, at a minimum, the total amount authorized for the Consultant, the current invoiced amount and the amount billed to date. In addition to the Summary, each invoice shall provide a Progress Report. The Progress Report shall describe, at a minimum, the progress of the Project to date also indicating the percentage of completion of the Project. The established schedule for completion shall not be revised except by written amendment to this Agreement, executed by both parties.

3.3.2 The Owner agrees to pay invoices for all services performed as soon as reasonably possible but not later than thirty (30) days from receipt. Upon dispute, however, the Owner may, upon notice to the Consultant, withhold payment to the Consultant for the amount in dispute only, until such time as the exact amount of the disputed amount due the Consultant is determined. The total amount paid to Consultant shall not exceed Consultant’s fee proposal, except by written amendment to this Agreement, executed by both parties.

3.4 PROJECT CONSTRUCTION BUDGET AND TIME. The Consultant acknowledges that the total project budget for the Project allocated is **\$24,780,000.00**, which is to include all features essential to the operation of the Project for its intended use as described in the Scope of Services and Project budget in **Attachment “A”**. The Consultant does hereby agree to design the Project such that the Consultant’s final agreed cost opinions for the construction of the Project, including all features essential to its intended use, is within the above budgeted amount for the base bid. If the Consultant’s cost opinions exceed the Project Budget at any time, the Consultant shall make recommendations to the Owner to adjust the Project’s size or quality and the Owner shall cooperate with the Consultant to adjust the scope of the Project. If all responsible bids exceed the City approved Consultant’s final cost opinions by more than **ten percent (10%)**, the Consultant agrees, at the direction of the Owner, to redesign the Project without additional charge to the Owner in order to bring the Project within the budgetary limitations.

3.5 COSTS NOT ENUMERATED. Except as specifically set forth in this Agreement and its attachments, all costs related to the completion of the services requested herein shall be borne by the Consultant and not passed on to the Owner or otherwise paid by the Owner, unless a written amendment to this Agreement is executed by both parties allowing for additional costs.

ARTICLE IV. PERIOD OF SERVICE AND TERMINATION

- 4.1 PERIOD OF SERVICE.** The services called for by each phase shall begin upon the issuance of a Notice to Proceed from the City Engineer. The Consultant shall complete the requested services in accordance with the timelines and schedules outlined in **Attachments “C” and “D”**.
- 4.2 SUSPENSION.** Barring an early termination as provided herein, this Agreement shall remain in force: a) For a period which may reasonably be required for the design, award of construction contracts, and construction of the improvements included in all construction contracts, including extra work and required extensions thereto; or b) Unless construction has not begun within a period of **twelve (12) months** after the completion of the services called for in that phase of work last authorized. However, should the Consultant’s services be suspended for a period longer than six months, the City and Consultant may renegotiate remaining fees due to changes in salaries or increased costs that may occur during the suspension period. The Owner may determine that this Agreement will remain in full force past the twelve-month period noted above. Such a determination will be based upon the individual circumstances of this Project and this Agreement.

- 4.3 TERMINATION.** This Agreement may be terminated as provided herein.

4.3.1 TERMINATION BY OWNER. It is mutually understood and agreed by the Consultant and Owner that the Owner may terminate this Agreement, in whole or in part for the convenience of the Owner, upon **fourteen (14) consecutive calendar days’** written notice. It is also understood and agreed that upon such notice of termination, the Consultant shall cease the performance of services under this Agreement. Upon such termination, the Consultant shall provide one final invoice for all services completed and reimbursable expenses incurred prior to the Owner’s notice of termination. Owner shall compensate Consultant in accordance with this Agreement; however, the Owner may withhold any payment to the Consultant that is held to be in dispute for the purpose of setoff until such time as the exact amount due the Consultant from the Owner is determined. Nothing contained herein, or elsewhere in this Agreement shall require the Owner to pay for any services that are not in compliance with the terms of this Agreement and its attachments.

4.3.2 TERMINATION BY EITHER PARTY. It is further understood and agreed by the Consultant and Owner that either party may terminate this Agreement in whole or in part. Such a termination may be made for failure of one party to substantially fulfill its contractual obligations, pursuant to this Agreement, and through no fault of the other party. No such termination shall be made, unless the other party being terminated is granted: a) written notice of intent to terminate enumerating the failures for which the termination is being sought; b) a minimum of **seven (7) consecutive calendar days** to cure such failures; and c) an opportunity for consultation with the terminating party prior to such termination. However, the Owner retains the right to immediately terminate this Agreement for default if the Consultant violates any local, state, or federal laws, rules or regulations that relate to the performance of this Agreement. In the event of termination by the Owner pursuant to

this subsection, the Owner may withhold payments to the Consultant for the purpose of setoff until such time as the exact amount due the Consultant from the Owner is determined.

4.3.3 TERMINATION FOR FAILURE TO COMPLY WITH SUBCHAPTER J, CHAPTER 552, GOVERNMENT CODE. The requirements of subchapter J, Chapter 552, Government Code, may apply to this Contract and the Contractor or vendor agrees that the Contract can be terminated if the contractor or vendor knowingly or intentionally fails to comply with a requirement of that subchapter.

4.3.4 TERMINATION SHALL NOT BE CONSTRUED AS RELEASE. Termination by either party shall not be construed as a release of any claims that the terminating party may be lawfully entitled to assert against the terminated party. Further, the terminated party shall not be relieved of any liability for damages sustained by the terminating party by virtue of any breach of this Agreement.

ARTICLE V. INSURANCE AND INDEMNIFICATION

5.1 INSURANCE. The Consultant shall procure and maintain insurance coverage as required herein and attached in **Attachment “E”**. Consultant shall not commence work under this Agreement until the Consultant has obtained the required insurance and such insurance has been approved by the Owner. The Consultant shall maintain the required insurance throughout the term of this Agreement. Failure to maintain said insurance shall be considered a material breach of this Agreement.

5.1.1 WORKERS’ COMPENSATION INSURANCE. The Consultant shall procure and shall maintain during the life of this Agreement, Workers’ Compensation Insurance as required by applicable Texas law for all of the Consultant’s employees to be engaged in work under this Agreement. The Consultant shall provide the following endorsement:

“The policy is endorsed to provide that insurer waives any right of subrogation it may acquire against the Owner, its partners, agents and employees by reason of any payment made on or account of injury, including death resulting therefrom, sustained by any employee of the insured.”

5.1.2 COMMERCIAL LIABILITY, PROPERTY DAMAGE LIABILITY AND AUTOMOBILE LIABILITY INSURANCE. The Consultant shall procure and shall maintain during the life of this Agreement such Commercial General Liability, Property Damage Liability and Automobile Liability Insurance as shall protect the Consultant and the Consultant’s employees performing work covered by this Agreement from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from operations under this contract, whether such operations be by the Consultant or by anyone directly or indirectly employed by the Consultant. The minimum limits of liability and coverages shall be as follows:

- a) **Commercial General Liability**
\$1,000,000.00 Per Occurrence
\$1,000,000.00 Products/Completed Operations
\$1,000,000.00 Personal and Advertising Injury
- b) **AUTOMOBILE LIABILITY**
Combined Single Limit
\$1,000,000.00 per accident

5.1.3 PROFESSIONAL LIABILITY INSURANCE. The Consultant shall procure and shall maintain, at the Consultant's sole expense, Professional Liability Insurance for the benefit of the Owner to cover the errors and omissions of the Consultant, its principals or officers, agents or employees in the performance of this Agreement with a limit of \$1,000,000.00 on a claims made basis.

5.1.4 OWNER AS ADDITIONAL INSURED. The Owner shall be named as an Additional Insured on all of the Consultant's Insurance Policies, with the exception of Workers' Compensation and Professional Liability Insurance required by this Agreement.

5.1.5 PROOF OF INSURANCE. The Consultant shall furnish the City Engineer with certificates showing the type of insurance coverages, limits on each insurance policy, class of operations covered under each insurance policy, effective dates and expiration dates of policies, insurance companies providing the insurance coverages, name of agent/broker and include confirmation of any endorsement(s) required in this Agreement.

5.1.6 GENERAL INSURANCE PROVISIONS. All certificates required herein shall be attached hereto and incorporated for all purposes as **Attachment "E"**. All certificates shall also include the name of the project on the corresponding insurance certificate.

5.2 INDEMNIFICATION. TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT SHALL INDEMNIFY HOLD HARMLESS, AND DEFEND OWNER, AND OWNER'S OFFICERS, DIRECTORS, PARTNERS, AGENTS CONSULTANTS, AND EMPLOYEES FROM AND AGAINST ANY CLAIMS, COSTS, LOSSES, AND DAMAGES (INCLUDING BUT NOT LIMITED TO ALL FEES AND CHARGES OF ENGINEERS, ARCHITECTS, ATTORNEYS, AND OTHER PROFESSIONALS, AND ALL COURT, ARBITRATION, OR OTHER DISPUTE RESOLUTION COSTS) ARISING OUT OF OR RELATING TO THE PROJECT, PROVIDED THAT ANY SUCH CLAIM, COST, LOSS, OR DAMAGE IS ATTRIBUTABLE TO ANY NEGLIGENT ACT OR OMISSION, INTENTIONAL TORT, INTELLECTUAL PROPERTY INFRINGEMENT, OR FAILURE TO PAY A SUBCONTRACTOR OR SUPPLIER COMMITTED BY CONSULTANT OR CONSULTANT'S OFFICERS, DIRECTORS, PARTNERS, AGENTS, CONSULTANTS OR EMPLOYEES. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR ANY ACTS OF ANY OF THE CITY'S INDEPENDENT PROJECT MANAGERS.

To the extent allowed by state law, the Owner will be responsible for its own actions.

ARTICLE VI. FEDERAL AND STATE PROVISIONS

6.1 COMPLIANCE WITH APPLICABLE LAWS – FEDERAL AND STATE FUNDING REQUIREMENTS. Consultant, at Consultant’s sole expense, agrees that it will operate and perform its responsibilities and covenants under this Agreement in accordance with applicable laws, rules, orders, ordinances, directions, regulations and requirements of federal, state, county and municipal authorities, now in force or which may hereafter be in force, including, but not limited to, those which shall impose any duty upon the Owner or Consultant with respect to the use of federal and state funds and nondiscrimination in the administration of contracts which are funded, in whole or in part, with federal and state funds.

Specifically, and not in limitation of the foregoing, Consultant agrees that to the extent required by any agreement between the Owner and any Federal and State agency, the laws of the federal government of the United States of America and the rules and regulations of any regulatory body or officer having jurisdiction over this Project, **including but not limited to:**

--The Federal Transit Administration (FTA) through a Grant Agreement or Cooperative Agreement with the Owner, or supported by FTA through a Loan, Loan Guarantee, or Line of Credit with the Owner.

--The Department of Housing and Urban Development through a Grant Agreement or Cooperative Agreement with the Owner.

--The Federal Aviation Administration (FAA) through a Grant Agreement or Cooperative Agreement with the Owner, as further described in Attachment “F”.

--The Texas Department of Transportation through an Agreement with the Owner.

Copies of grant assurances will be made available to Consultant. However, provided copies shall in no way be a limitation on the Consultant’s obligation to comply with any Federal and State agency, the laws of the federal government of the United States of America and the rules and regulations of any regulatory body or officer having jurisdiction over this Project.

6.1.1 CONTRACT ASSURANCE. The Consultant or subconsultant shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the consultant to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

6.1.2 DBE GOOD FAITH EFFORTS. The requirements of 49 CFR Part 26, regulations of the U.S. DOT, applies to this contract. It is the policy of the Owner to practice nondiscrimination based on race, color, sex or national origin in the award of performance of this contract. All firms qualifying under this solicitation are encouraged to

submit proposals. Award of this contract will be conditioned upon satisfying the requirements of this proposal. These requirements apply to all offerors, including those who qualify as a DBE. A DBE contract goal will be identified pursuant to the federal funding requirements for an individual task order established for this contract. The offeror shall make good faith efforts, as defined in Appendix A, 40 CFR Part 26, to meet the contract goal for DBE participation in the performance of this Agreement.

The Consultant will be required to submit the following information: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description of the work that each DBE firm will perform; (3) the dollar amount of the participation of each DBE firm participating; (4) written documentation of the offeror's commitment to use a DBE subconsultant whose participation it submits to meet the contract goal; (5) written confirmation from the DBE that it is participating in the contract as provided in the commitment made under (4); and (6) if the contract goal is not met, evidence of good faith efforts. The offeror shall submit the information with its proposal as a condition of responsiveness.

DBE participation in this contract may be in the form of a prime contract, subcontract, joint venture, or other arrangement that qualifies under 49 CFR Section 26.55 or 26.53(g), both of which will be submitted on a Letter of Intent to the Owner.

6.2 TERMINATION FOR CANCELLATION OF GRANT. Should this Agreement be terminated as a result of cancellation of federal funds covering this Project, the Owner shall promptly notify the Consultant of the cancellation by certified mail-return receipt requested, whereupon the Consultant shall immediately, on receipt of the letter, cease and desist from performing any other work or services hereunder. In such an event, the Consultant will be paid for professional services performed to such date, upon furnishing the Owner a progress report and an invoice to such date, and upon acceptance of the work by the Owner.

6.3 TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, 78 STAT.252, 42 U.S.C. 2000D TO 2000D-4 AND TITLE 49, CODE OF FEDERAL REGULATIONS, DEPARTMENT OF TRANSPORTATION.

During the performance of this contract, Consultant, for itself, its assignees and successors in interest (hereinafter referred to as the "Consultant") agrees as follows:

- (1) **Compliance with Regulations:** Consultant shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
- (2) **Nondiscrimination:** Consultant, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. ADP shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the

Regulations.

- (3) **Solicitations for Subcontractors, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by Consultant for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by Consultant of Consultant's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- (4) **Information and Reports:** Consultant shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts other sources of information, and its facilities as may be determined by Client to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of Consultant is in the exclusive possession of another who fails or refuses to furnish this information Consultant shall so certify to Client, as appropriate, and shall set forth what efforts it has made to obtain the information.
- (5) **Sanctions for Noncompliance:** In the event of Consultant's noncompliance with the nondiscrimination provisions of this contract, the Client shall impose such contract sanctions as it may determine to be appropriate, including but not limited to:
 - a. Withholding of payments to the Consultant under the contract until the Consultant complies, and / or
 - b. Cancellation, termination or suspension of the contract in whole or in part.
- (6) **Incorporation of Provisions:** Consultant shall include the provisions of paragraphs (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directive issued pursuant thereto. Consultant shall take such action with respect to any subcontract or procurement as Client may direct as a means of enforcing such provisions including sanctions for non-compliance: Provided, however, that in the event a Consultant becomes involved in, or is threatened with litigation with a subcontractor or supplier as a result of such direction, the Consultant may request Client to enter into such litigation to protect the interests of Client and in addition, Consultant may request the United States to enter into such litigation to protect the interests of the United States.

ARTICLE VII. GENERAL PROVISIONS

7.1 CONTRACT TIME. Consultant understands and agrees to provide all professional services and deliverables requested herein, as expeditiously as is prudent considering the ordinary professional skill and care of a competent engineer or architect, and to use its best efforts to complete all phases of this Agreement within the time schedules indicated within **Attachment "D"**. It is acknowledged that the Consultant does not have control over all aspects of the design and construction process and cannot warrant that it will complete all services and deliverables by a certain date. The Consultant shall timely notify the City Engineer of any delay beyond its control and the City Engineer shall extend the time schedule in the event of delays which the City Engineer reasonably determines are beyond the control of the Consultant.

7.2 OPINION OF PROBABLE COST. As a design professional practicing in El Paso the Consultant is expected to be familiar with the cost of construction, labor, and materials in the El Paso area and of bidding and market trends. The cost opinions of construction cost provided by the Consultant, as required herein, are to be made in light of such familiarity and are expected to be within **ten percent (10%)** of the bid for the base bid item expected from the lowest responsible bidder.

The Consultant's final cost opinions for the construction of the Project, shall take into account labor costs which shall be based on the current City of El Paso prevailing wage rates as adopted by the City Council. In the event that the Project is funded with federal funds, the higher of the City of El Paso prevailing wage rates or the Davis-Bacon wage rates shall be utilized by the Consultant in compiling a final cost opinions for the Project.

If the Consultant's most recent cost opinion for any construction contract is in excess of the Project construction budget, the Owner shall give written approval of an increase in the limit, or shall cooperate in revising the Project's scope or quality, or both, to reduce the cost as required. Such revisions shall be made, and Drawings and Specifications modified by the Consultant without further compensation.

As noted herein, if all responsible bids exceed the final cost opinion by more than **ten percent (10%)**, the Consultant agrees, at the direction of the Owner, to redesign the Project without additional charge to the Owner in order to bring the Project within the budgetary limitations

7.3 CONSULTANT'S QUALITY OF WORK. The Owner's review of any documents prepared by the Consultant is only general in nature and its option to approve and accept the work in no way relieves the Consultant of responsibility for any specific deficiencies in its professional service. The Consultant's services shall be performed with the professional skill and care ordinarily provided by competent engineers or architects practicing under the same or similar circumstances and professional license and as expeditiously as is prudent considering the ordinary professional skill and care of a competent engineer or architect and the orderly progress of the Project and in accordance with the time periods established in **Attachment "D"** and which shall be adjusted, if necessary, as the project proceeds. This schedule shall include allowances for periods of time required for the Owner's review, for the performance of the Owner's consultants, and for approval of submissions by authorities having jurisdiction over the project. The identified time limits shall not, except for reasonable cause, be exceeded by the Consultant or Owner.

7.4 COPYRIGHT AND REPRODUCTION RIGHTS. Upon payment of amounts due, the Drawings, Specifications, concepts and design, and other documents prepared by the Consultant for this Project including, without limitation, those in electronic form (sometimes referred to as the "Instruments of Service") are the property of the Owner, who shall be vested with all common law and statutory rights. The Owner shall have the right to the use of the Drawings, Specifications and other documents for the maintenance, repair, remodeling and renovation of the Project; provided however the Consultant shall have no liability for any use of one or more of the Instruments of Service by the Owner for maintenance, repair, remodeling and renovation of the project. The Owner has the consent of the Consultant, provided, however, the Consultant shall have no liability or responsibility for such use of the Drawings, Specifications, concepts and

design, and other documents. The rights granted to the Owner herein for the use of the Drawings, Specifications and other documents for additional projects, other than the construction of the Project, shall not grant the Owner any right to rely upon the Consultant's seal on the Drawings and Specifications or to hold the Consultant responsible for any subsequent use of the Drawings, Specifications and documents. The Consultant shall provide the Owner with copies of the Instruments of Service in both electronic form and in hard copy.

7.5 AUDITING RECORDS FOR THE SPECIFIC PROJECT. Consultant's records subject to audit shall include but not be limited to records which, have a bearing on matters of interest to the Owner in connection with the Consultant's work on this Project for the Owner and shall be open to inspection and subject to audit and/or reproduction by Owner's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of (a) Consultant's compliance with contract requirements, and (b) compliance with provisions for computing Direct Personnel Expense with reimbursables, if applicable.

Such records subject to audit shall also include those records necessary to evaluate and verify direct and indirect costs, (including overhead allocations) as they may apply to costs associated with this Agreement. In those situations where Consultant's records have been generated from computerized data, Consultant agrees to provide Owner's representatives with extracts of data files in computer readable format on data disks or suitable alternative computer data exchange format.

The Owner or its designee shall be entitled, at its expense, to audit all of the Consultant's records related to this Project, and shall be allowed to interview any of the Consultant's employees, pursuant to the provisions of this section throughout the term of this contract and for a period of **three (3) years** after final payment or longer if required by law. Such audits may require inspection and photo copying of selected documents from time to time at reasonable times (limited to Consultant's office hours) and places upon reasonable notice.

7.6 CONTRACTING INFORMATION

The Contractor must preserve all contracting information related to this Contract as provided by the records retention schedule requirements applicable to the City for the duration of this Contract. Contractor will promptly provide the City any contracting information related to this Contract that is in the custody or possession of the Contractor on request of the City. On completion of this Contract, Contractor will either provide at no cost to the City all contracting information related to this Contract that is in the custody or possession of the Contractor or preserve the contracting information related to this Contract as provided by the records retention requirements applicable to the City.

7.7 SUCCESSORS AND ASSIGNS. This Agreement shall be binding on the Owner and the Consultant, their successors and assigns. Neither party may assign, sublet, or transfer its interest in this Agreement without the written consent of the other.

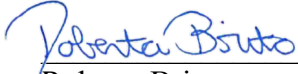
7.8 VENUE. For the purpose of determining place of Agreement and the law governing the same, this Agreement is entered into in the City and County of El Paso, the State of Texas, and shall be governed by the laws of the State of Texas. Venue shall be in the County of El Paso, Texas.

WITNESS THE FOLLOWING SIGNATURES AND/OR SEALS:

CITY OF EL PASO:

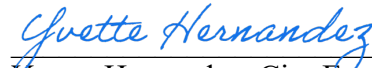
Dionne Mack
City Manager

APPROVED AS TO FORM:



Roberta Brito
Senior Assistant City Attorney

APPROVED AS TO CONTENT:



Yvette Hernandez, City Engineer
Capital Improvement Department

ACKNOWLEDGMENT

THE STATE OF TEXAS §
 §
COUNTY OF EL PASO §

This instrument was acknowledged before me on this _____ day of _____, 2025,
by **Dionne Mack**, as **City Manager** of the **City of El Paso, Texas**.

Notary Public, State of Texas

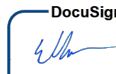
My commission expires:

(Signatures begin on following page)

CONSULTANT:

RS&H, Inc.

DocuSigned by:

By: 

Name: ~~Amanda O'Krongley~~ Elliot Neph

Title: Vice President

ACKNOWLEDGEMENT

THE STATE OF _____ §

§

COUNTY OF _____ §

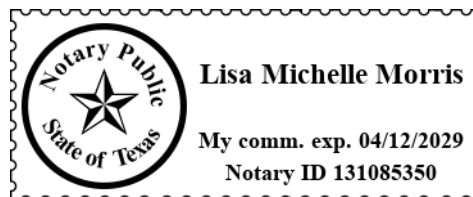
This instrument was acknowledged before me on this 28th day of October, 2025
by Lisa M. Morris, on behalf of RS&H, Inc..



Notary Public, State of Texas

My commission expires:

4-12-2029



**ATTACHMENT “A”
SCOPE OF SERVICES**

El Paso International Airport



SIDA Ramp Expansion Design, Bidding, and Construction Phase Services

PROJECT PROPOSAL / SCOPE OF SERVICES

RS&H Project No: 10230038000



RS&H, Inc.
12500 San Pedro Ave Suite 601
San Antonio, Texas 78216
210-310-4800

TBPE Registration. No. F-3401

ATTACHMENT A

PROJECT PROPOSAL / SCOPE OF SERVICES

This scope of services describes the services to be provided by RS&H, Inc. ("RS&H" or "Consultant") to the El Paso International Airport ("EPIA" or "Client") for professional design, bidding, and construction administration services of the SIDA Ramp Expansion ("Project") in the City of El Paso, Texas ("City"). The proposed fee for this Project is as shown in Attachment B.

1. Project Description

The project generally consists of the scope elements listed below. The project scope elements and project limits of the site are as depicted in Figure 1.

- Ramp Expansion of approximately 23,957 square yards of aircraft rated asphalt pavement – shown in yellow in Figure 1



Figure 1 – SIDA Ramp Expansion Approximate Limits

The following professional disciplines/services/specialties are expected to play a significant role in the development of the Project:

- Project Management
- Civil Engineering
 - Pavement Design
 - Pavement Markings
 - Erosion control and Best Management Practices ("BMPs")
 - Drainage Design
- Planning
 - Aircraft Parking Layout
 - Airport Layout Plan (ALP) Update

- Electrical Engineering
 - Airfield Lighting and Signage
- Surveying
 - Topographical
- Geotechnical
- Engineer's Opinion of Probable Cost
- Phasing and Constructability

The Consultant design team is made up of the following professionals:

- RS&H – Civil, Structural, Airfield Electrical
- Barragan & Associates, Inc. – Topographic Survey
- CQC Testing and Engineering, LLC – Geotechnical Survey
- Omega Engineering, Inc. – Utilities and Permitting

The Project consists of the following components:

- General coordination
- Project phasing
- Safety and security
- Dimensional control plan
- Boring layout plan
- Site Plan
- Existing conditions and demolition requirements
- Geometric layout of proposed ramp pavements
- Pavement profiles and cross sections
- Paving plan and elevation grids
- Site grading and drainage
- Utility management / relocations
- Airfield electrical design
- Drainage area maps
- Drainage calculations (excluding modeling)
- Pavement markings and taxiway lighting and signage
- Erosion control and Stormwater Pollution Prevention ("SWPPP") Best Management Practices ("BMPs")
- Restoration of disturbed limits of the site
- Project details and element descriptions
- Site-specific Construction Safety Phasing Plan ("CSPP")
- Site-specific Construction Management Plan ("CMP")
- Permit Coordination
- FAA and Tenant Coordination

The known utilities in the project area are a communication fiber optic line, a power line, and a storm sewer pipe. The Airport will provide record drawings showing the location of these utilities.

The Consultant's design is intended to exercise the reasonable standard of care to comply with local, state, and federal codes. If standards conflict, the most stringent standard will govern. The Project components

will be evaluated and designed to the following publications and standards, latest published edition at time of contract execution, as applicable:

- ➔ *FAA AC 150/5300-13, Airport Design*
- ➔ *FAA AC 150/5320-5, Surface Drainage Design*
- ➔ *FAA AC 150/5320-6, Airport Pavement Design and Evaluation*
- ➔ *FAA AC 150/5340-1, Standards for Airport Markings*
- ➔ *FAA AC 150/5340-18, Standards for Airport Sign Systems*
- ➔ *FAA AC 150/5340-30, Design and Installation Details for Airport Visual Aids*
- ➔ *FAA AC 150/5345-46 Specification for Runway and Taxiway Light Fixtures*
- ➔ *FAA AC 150/5370-2, Operation Safety on Airports During Construction*
- ➔ *FAA AC 150/5370-10, Standards for Specifying Construction of Airports*
- ➔ *FAA 70/7460-1, Obstruction Marking and Lighting*
- ➔ *FAA FAARFIELD*
- ➔ OSHA – Occupational Safety and Health Administration
- ➔ National Fire Protection Agency (NFPA)
- ➔ Other relevant Applicable Federal Aviation Administration (FAA) Advisory Circulars for design and construction not listed above

Project drawings will be prepared in AutoCAD format.

Resident Project Representative (“RPR”) Services, Construction Materials Acceptance Testing, and Construction Staking, are not components of this proposal.

This scope of services assumes that all proposed project design elements will be constructed in one (1) project. There is significant overlap between design items in each task, and the fee proposal reflects that. Deviations from these assumptions once notice has been given to the Consultant to begin the services of this contract may require a change to the Project scope and additional fees.

Deletion of a task(s) or the requirement for additional services not specifically noted herein as part of the Consultant’s scope will require re-evaluation of the proposed design fees.

2. Project Elements

The following is a listing of elements of the design project:

- ➔ Data Collection and Site Observation
 - The Consultant will obtain and review record drawings associated with the project site, as may be available from the Client.
 - The Consultant will obtain and review applicable design standards. For this project, FAA and City standards are anticipated to be the governing documents.
 - The Consultant will conduct a topographic survey of the survey monuments and location of visible site elements. The Consultant will prepare a three-dimensional model of the existing ground elevations. Topographic survey is anticipated to be performed during daytime operations.
 - The Consultant will conduct a geotechnical exploration program consisting of four (4) borings to a depth of ten (10) feet within the proposed development area. Laboratory testing will be performed on recovered samples selected by the geotechnical engineer to aid in soil

classification and to measure engineering properties. Laboratory testing is expected to consist of moisture content, Atterberg limits, fines content, soluble sulfate content, and unconfined compression strength testing. The actual laboratory program will depend upon the type of soils encountered. The geotechnical exploration is anticipated to be performed during daytime operations.

- Subsurface utility engineering (SUE) services are not components of this proposal. The intent will be to locate utilities via review of record drawings and topographic survey of visible site elements. The Contract Documents will require the Contractor to perform recommended test hole verifications.
- The Consultant will visually observe the project limits of the site and document overall visible conditions within the project limits of the site as part of the design.
- The Consultant will provide an overview of existing conditions and required demolition in order to construct for the proposed development.

→ General

- The Consultant will provide general plan sheets for the Project (Cover Sheet, Sheet Index, General Notes, Dimensional Control Plans, Boring Layout Plan) in accordance with the applicable design standards.

→ Geometrics and Site Design

- The Consultant will provide the geometric design of the ramp pavements. The Consultant will utilize *FAA AC 150/5300-13B, Airport Design*, to establish criteria, latest published edition at time of contract execution.
- The Consultant will perform the grading design for the site.
- The Consultant will provide design pavement markings required for the site in accordance with *FAA AC 150/5340-1, Standards for Airport Markings*, latest published edition at time of contract execution.

→ Pavement Design

- The Consultant will provide ramp pavement strength and material design recommendations in accordance with the FAA's *FAARFIELD* standard thickness design software and *FAA AC 150/5320-6, Airport Pavement Design and Evaluation*, design guidelines, latest published edition at time of contract execution. The Consultant will coordinate with the Client's staff, FAA control tower personnel, and tenants to determine the appropriate aircraft fleet mix to be used in the ramp pavement design. It is anticipated the Client will provide final approval of the aircraft fleet mix to be used.
- SIDA Ramp pavement will consist of a new asphalt pavement section.
- The Consultant will provide pavement profiles and cross sections for the affected pavements.

→ Airfield Electrical Improvements

- The Consultant will provide analysis and direction for the anticipated airfield lighting and signage modifications to accommodate the new airfield geometry resulting from this Project, in accordance with applicable FAA design guidelines.

- The Consultant will provide analysis and direction for the anticipated updates to the airfield electrical vault, as required. The Consultant will review regulator capacities and conditions for affected circuits.

→ Drainage Design

- The Consultant will perform the site-specific drainage design for the proposed development. Drainage design will be developed for the extent of the development boundary, limited to the drainage areas directly upstream and downstream of the project construction limits of the site and bound by surrounding pavements. The Consultant will develop storm sewer layouts, sizing, and calculations of pre- and post-development flows from the site, utilizing the Rational Method ($Q=CiA$). The Consultant will utilize *FAA AC 150/5320-5D, Surface Drainage Design* and the City's *Drainage Criteria Manual*, to establish criteria. The design will consist of, as applicable, a drainage plan, profiles, details, and pre- and post-development drainage maps. Required upstream and/or downstream modifications or improvements beyond the limits of the site are excluded from this scope of services.
- Detention, aboveground, subsurface, or otherwise, is excluded from this scope of services.
- Drainage modeling is excluded from this scope of services.
- No underdrains are anticipated to be installed for new / rehabilitated pavements. Underdrain design is excluded from this scope of services.

→ SWPPP / Erosion Controls

- The Consultant will prepare applicable SWPPP plan sheets for the Contractor to use in procurement of the stormwater construction permits. A detailed SWPPP report along with Contractor preferred Best Management Practices ("BMPs"), the Notice of Intent ("NOI"), the Notice of Termination ("NOT"), and submission to the TCEQ will be prepared by others and is excluded from this scope of services.

→ Phasing / Safety and Security

- The Consultant will review and analyze the following: potential impacts to safety and operational safety associated with aviation related areas in accordance with applicable professional standards; Airport Operations Area ("AOA") ingress/egress routes; aircraft movement areas; coordination; pavement markings; airfield lighting and signage; construction staging areas; vehicles crossing active pavements procedures; Notices to Airmen ("NOTAMs"); jet blast-prop-wash; night-time construction lighting; dust control; hauling of debris; and equipment parking. The analysis will not address the study of visibility, line of sight issues involving permanent structures, the analysis of interference with communications and surveillance equipment, or environmental studies.
- The Consultant will prepare a site-specific CSPP in general conformance with *FAA AC 150/5370-2, Operational Safety on Airports during Construction*, latest edition.

→ Utility Coordination and Design

- The Consultant will design utility relocations with the intent to reduce modifications without compromising design standards. Existing utility crossings that may require modification are airfield electrical, a communication fiber optic line, a power line, and a storm sewer pipe.
- The Consultant will notify the City of utilities that will require relocation.

- Construction documents will clearly show existing and proposed utility lines and utility company contacts.
- The Consultant will obtain and submit utility clearance letters from each of the affected utility companies.

→ Permitting

- National Environmental Policy Act (“NEPA”) documentation has previously been performed by others for this Project. The NEPA documentation for SIDA Ramp Expansion was performed by the Client’s staff. NEPA documentation is not a component of this scope of services.
- The Consultant will submit required documents to the City Planning and Inspections Department for review during the final design phase with the intent to obtain approval from the City Planning and Inspections Department before the construction documents are submitted for bid advertisement. The Consultant will follow up the review process with the City Planning and Inspections Department and will pick up approved documents and store them. The Consultant will not be responsible for pulling a construction permit; this will be performed by others and is excluded from this scope of services.
- No other permits are anticipated for this Project. No other permits than those specifically identified in this scope will be coordinated or applied for by the Consultant.

→ Construction Administration Phase Services

- Construction Phase Document Control, RPR services, construction materials acceptance testing, construction staking, and/or any other construction-related services are not a component of this scope of services and are anticipated to be performed by another Consultant.
- The Consultant will review the Contractor’s technical submittals related to their specific scopes designed as Engineer of Record.
- The Consultant will respond to questions from the contractor submitted as a Request for Information (RFI) related to their specific scopes designed as Engineer of Record.
- The Consultant will provide advice and recommendations to the Client regarding potential changes orders and / or supplemental agreements.
- The Consultant will review proposed contract changes and provide cost impact analysis related to their specific scopes designed as Engineer of Record.
- The Consultant will review topographic elevation and grade control survey data, provided by either the Contractor’s or Consultant’s survey teams, and provide appropriate professional interpretation thereof, in comparison to the Conformed Construction Documents.
- The Consultant will participate in weekly construction progress meetings with the Client, the Contractor, the Construction Manager, the Federal Aviation Administration (FAA), and other parties having interest in the project.
- The Consultant will participate in periodic coordination meetings with the Client, the Contractor, the Construction Manager, the FAA, and other parties having interest in the project. Four (4) coordination meetings have been anticipated for this scope of services.
- The Consultant will participate in weekly coordination meetings with the Construction Manager to identify and manage workload needs for the project to be performed by the Consultant’s team.

- The Consultant will make periodic site visits throughout the project duration to observe project progress and verify general conformance with construction documents.
 - The Consultant will participate in a Substantial Completion Observation and provide a punch list to the Client.
 - The Consultant will participate in a Final Observation and provide a punch list to the Client.
 - The Consultant will participate in general coordination of the construction project. This is generally consists of correspondence and email/phone coordination.
- Closeout Phase Services
- The Consultant will produce and provide electronic format (CAD and PDF) Record Drawings.

3. Basic Services

The Client must authorize services through issuance of a Notice to Proceed (“NTP”) for each task. The Consultant will not proceed with the performance of each task until such written notice is provided. The Consultant will perform the following services:

TASK 1 PRELIMINARY DESIGN PHASE SERVICES

Task 1 Preliminary Design Phase Services will be performed on a lump sum basis.

Task 1.01 Perform Project Initiation / Setup

The Consultant will perform appropriate Project initiation and documentation setup in order to appropriately manage the Project. The Consultant will also establish a Quality Control Plan (QCP) and Project Management Plan (PMP) for the project.

Task 1.02 Perform Data Collection and Research

The Consultant will collect and review available data related to the project limits of the site and the proposed improvements. The Consultant will review the Client’s files and records to determine relevant information for the Client’s staff to provide such as the airport master plan, airport layout plan, pavement evaluation reports, aerial photogrammetry, previous design drawings, existing permits, boundary surveys, development concepts and drawings, surveys, and geotechnical study reports. The Client will provide copies of all pertinent documents including CAD drawings, when available, to the Consultant in a timely manner to allow the project to move ahead efficiently. It is anticipated that the following information will be provided for review:

- Taxiway G Record Drawings and CAD Files
- Communication Line CAD File

Task 1.03 Obtain Geotechnical Study

The Consultant will collect, review, compile, and summarize available data related to the Project. The Consultant will conduct a geotechnical exploration program, consisting of:

- A preliminary summary of the proposed borings is as follows:

Proposed Structure	No. of Borings	Boring Depth (ft)
Airfield Pavement	1	10
Infield	3	10

- One (1) pavement core will be performed using the wet-rotary method where required.

- ➔ If groundwater is encountered, the groundwater levels within the open boreholes will be recorded at the time of drilling and just after drilling. The boreholes will be backfilled with auger cuttings, bentonite, and patch/grout as applicable.
- ➔ Laboratory testing will be performed on recovered samples selected by the geotechnical engineer to aid in soil/material classification and to measure engineering properties. Laboratory testing is expected to consist of moisture content, Atterberg limits, fines content, unconfined compression strength of soil and rock material, swell potential, sulfate content, organic content, and corrosion testing. The actual laboratory program will depend upon the type of soils/materials encountered.
- ➔ Bulk samples will be collected from four (4) select locations. California Bearing Ration (CBR) and Lime Series tests will be performed on the collected bulk samples.
- ➔ A geotechnical report will be provided with the following general items:
 - Description of the field exploration program
 - Description of the laboratory testing program
 - Soil boring plan that depicts borehole locations on a base map
 - Soil boring logs with soil classifications based on the Unified Soil Classification System (ASTM D 2487)
 - Description of site geology based on location of the site on the Geologic Atlas of Texas
 - Depth where groundwater was encountered during drilling and its potential impact on construction
 - OSHA Soil classifications and OSHA trenching and shoring recommendations
 - Preliminary subgrade improvement recommendations for the pavement design
 - Preliminary recommendations on select fill (i.e., material type and compaction) for the airfield pavement and non-structural general fill.

The Consultant will provide a pavement design recommendation following FAA pavement design guidelines. The Consultant will coordinate with the Client's staff, FAA control tower personnel, and tenants to determine the appropriate aircraft fleet mix to be used in the pavement design.

Geotechnical field services are anticipated to be performed during daytime operations escorted by the Airport.

Task 1.04 Obtain Design Topographical Survey

The Consultant will review available land survey and topographic survey data and develop a site survey scope of services. The Consultant will coordinate and review with the survey subconsultant such items as: specific surveying limits; geometric criteria required for topography, profiles and cross-sectional survey of existing project limits of the site, above and below ground utilities and existing site improvements; airfield access/security requirements and surveying schedule.

The following survey efforts will be captured and / or are anticipated:

- ➔ Horizontal data will be based on Global Positioning Satellite (GPS) Systems observations. Horizontal data will be based on the North American Datum of 1988 (NAD '88), Texas State Plane Coordinate System, Central Zone (4203) and will be scaled to surface utilizing a Combined Scale Factor of 1.000203614000221.
- ➔ Vertical data will be tied to existing benchmarks (to be provided by the Client)
- ➔ Where appropriate the following control points (minimum of three) will be set:

- 5/8-inch capped iron rod, 18-inches in length set in the ground.
- Mag Nails set in asphalt.
- 'X' cut in concrete
- ➔ Cross section / topographic survey of the existing pavement limits of the site and surrounding areas (unpaved) will be obtained on an approximately 50' x 50' grid.
 - Ties to the edges of existing pavement
 - Ties to underground electrical ductbanks with details on size and identification of what the cables serve
 - Natural ground shot at edge of existing pavement
- ➔ Locate existing underground utilities (marking by others). Texas811 (an underground utility locator service) will be utilized.
- ➔ Ties to above ground visible utilities.
- ➔ Ties to signs and marks indicating the location of an underground utility.
- ➔ Ties to wastewater manholes, providing a tie to the center of the manhole rim, flowline elevation, pipe sizes, direction of flow and material of construction.
- ➔ Ties to storm drain manholes, providing a tie to the center of the manhole rim, flowline elevation, pipe sizes, direction of flow and material of construction.
- ➔ Ties to water line appurtenances, fire hydrants, water valves, water meters, irrigation control valves, air release valves, blow-off valves, and other related items.
- ➔ Ties to traffic control signs.
- ➔ Ties to existing pavement markings.
- ➔ Other points of interest within the limits of the project site.
- ➔ A 3D CAD file will be produced in AutoCAD C3D 2024 along with a .csv file containing points tied and a .xml file

The Consultant will compile the existing survey, utility, and record drawing information and develop existing conditions CAD base sheets of the limits of the project site. The data will be layered onto different drawings as required for the construction drawings.

Topographic survey services are anticipated to be performed during daytime operations and escort to be provided by Airport.

Task 1.05 Development of Ramp Geometry Concepts

The Consultant will incorporate the aircraft fleet mix and the input from the Client to prepare up to three (3) concept alternative solutions for the Project. A preliminary aircraft parking layout will be performed with the endeavor that concepts meet applicable standards. An evaluation criteria worksheet of Pros and Cons will be prepared for Airport consideration. The concepts will be represented in Exhibits.

Task 1.06 Prepare Preliminary Design Documents

The Consultant will prepare Preliminary Design Documents. The design will evaluate and identify specific elements of the Project for a technically and economically sound project. Additive alternates will be developed for bidding to correspond to available budgets.

The Preliminary Design Documents will consist of:

- Plan Sheets
- Project Manual
- Preliminary Engineer's Report (PER)
- Engineer's Opinion of Probable Cost (EOPC)

An anticipated list of drawings is included in Attachment B.

The Consultant will prepare a Project Manual consisting of Technical Specifications, and referenced documents, which may include a Report of Geotechnical Exploration, applicable FAA ACs, and any applicable permitting requirements. Contract documents, a site-specific CSPP, and a site-specific CMP will be included in the project manual in subsequent design phases.

The Consultant will prepare a Preliminary Engineer's Report (PER) generally consisting of a description of the scope of the project, evaluation of design elements, evaluation of design standards, evaluation of applicable requirements of governmental authorities having jurisdiction, evaluation of conceptual schematic layouts and geometric requirements, evaluation of environmental concerns, pavement design recommendations, analysis of the geotechnical study, evaluation of preliminary safety and phasing concepts in accordance with applicable professional standards, the Consultant's (Engineer's) Opinion of Probable Construction Cost ("EOPC"), preparation of a preliminary construction schedule, relevant exhibits to clearly indicate the considerations involved, alternatives available to the Client, and the Consultant's findings and recommendations.

The design will evaluate and identify specific elements of the Project for a technically and economically sound project. Additive alternates will be developed for bidding to correspond to available budgets and flexibility in construction award.

In providing EOPCs, the Consultant has no control over the cost or availability of labor, equipment, or materials, or other local market conditions and that the Consultant's EOPCs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Contractor's work will not vary from the Consultant's EOPC.

Task 1.07 Perform In-House Quality Control Review – Preliminary Design Submittal

The Consultant will conduct an in-house quality control (QC) review of the Preliminary Design Submittal prior to submittal to the Client, the City, and FAA. The review will cover the design deliverables prior to submittal to the Client. The QC review will be performed as follows:

- Independent QC Review – An independent Engineer not actively involved in the Project will review for readability, suitability for bidding, appearance, and acceptability
- Independent Technical Peer Review – For each discipline associated with the Project, an independent Engineer not actively involved in the Project will review the documents for alignment with design methodologies, calculations, and code compliance
- Constructability Review – a comprehensive look at the Project to attempt to verify alignment between plans and specifications, phasing impacts, and potential conflicts
- Discipline Coordination Review – an interdisciplinary review to attempt to verify coordination of elements between disciplines

Task 1.08 Submit Preliminary Design Documents

The Consultant will review the in-house quality control review of the Preliminary Design Documents and incorporate applicable comments into the Preliminary Design Documents. The Consultant will then submit and distribute copies of the draft Preliminary Design Documents to the Client, the City, and FAA for review, comment, and approval to proceed with preparation of the Pre-Final Design Documents. Distribution quantities of the Preliminary Design Documents will be as noted in the DELIVERABLES section of this Proposal.

Task 1.09 Meeting/Presentations

To further the construction progress and coordinate efforts, various meetings are anticipated throughout the construction process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

→ Pre-Design Conference

The Consultant will coordinate and attend one (1) pre-design/kick-off meeting with Client and various subconsultants to discuss and solidify (to the extent feasible):

- Project scope, goals, and client expectations
- Describe the methods by which the project will be performed
 - Design features, design constraints, design parameters, and local conditions
- Consider budget and funding availability as it relates to phasing considerations
- Discuss current condition of systems in question
- Understand other ongoing projects that may impact the Project
- Start to develop the design and construction schedule and submittals
- Communication channels, coordination requirements, and responsibilities
- Define invoicing requirements (both for Airport as well as processing those for subconsultants)
- Other related items

The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. This meeting is anticipated to be held at the Airport and will require travel by the Consultant.

→ Site Study

The Consultant will coordinate and attend one (1) site study meeting with the Client and various subconsultants to review and document the visible conditions of the project site. The Client will attend with knowledgeable staff and provide access to limits of the project site to provide a comprehensive walkthrough. The walkthrough will use the data received in Task 1.02 as the basis for the verification of existing documentation to the extent possible. As part of this task, measurements will be taken to validate existing condition documentation. The Airport is anticipated to escort the Consultant to the project site.

This meeting is anticipated to be held at the Airport following the pre-design conference.

→ **Design Development / Coordination Meetings**

To further the design, Design Development / Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, FAA, Airport users, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

→ **Utility Coordination Meetings**

To further the design with respect to utility design, Utility Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, utility owners, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

→ **Ramp Geometry Concept Review Meeting**

The Consultant will coordinate and attend one (1) Concept Review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the Ramp Geometry and Parking Layout. It is expected that one “Preferred Conceptual Alternative” will be selected by the Client within three (3) working days from the presentation. This meeting is anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meeting.

→ **Preliminary Design Review Meeting**

The Consultant will coordinate and attend one (1) Preliminary Design review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the PER and subsequent Design Documents. This meeting is anticipated to be held at the Airport and will require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

Task 1.10 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team’s efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant’s scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

TASK 2 PRE-FINAL DESIGN PHASE SERVICES

Task 2 Pre-Final Design Phase Services will be performed on a lump sum basis.

Task 2.01 Incorporate Preliminary Design Review Comments

The Consultant will review comments received from the Client's authorized representative(s) from the 60% design submittal reviews and incorporate applicable comments into plan sheets, project manual, Engineer's report, and EOPC. The Consultant will provide a written response on each comment on how it will be incorporated into the documents, or why it was not applicable. Comments that require a significant change in scope from previous direction provided may require an additional scope and fee.

Additional rounds of comments from the Client's authorized representative(s) are considered additional effort and will result in the revision of this scope.

Task 2.02 Prepare Pre-Final Design Documents

The Consultant will prepare Pre-Final Design Documents on the basis of the accepted Preliminary Design Documents. The design will evaluate and identify specific elements of the Project for a technically and economically sound project. Additive alternates will be developed for bidding to correspond to available budgets.

The Pre-Final Design Documents will consist of:

- Plan Sheets
- Project Manual
- PER
- EOPC

An anticipated list of plan sheets can be viewed in this proposal as Attachment B.

The project manual in this phase will consist of technical specifications and referenced documents, which may consist of a site-specific CSPP, Report of Geotechnical Exploration, applicable FAA ACs, and applicable permitting requirements. Contract documents (to be provided by the Client and incorporated by the Consultant), and a site-specific CMP will be developed in the next phase of the project.

The Consultant will prepare a site-specific CSPP in general conformance with *FAA AC 150/5370-2, Operational Safety on Airports during Construction*, latest published edition at time of contract execution. *Paragraph 103.a* defines the parameters for a CSPP. It is anticipated that a CSPP is required since this project will impact the AOA. *Paragraph 103.a* states:

“A CSPP must be developed for each on-airfield construction project funded by the Airport Improvement Program (AIP)... As per (FAA) Order 5200.11, FAA Airports (ARP) Safety Management System (SMS), such projects do not include construction, rehabilitation, or change of any facility that is entirely outside the air operations area, does not involve any expansion of the facility envelope and does not involve construction equipment, haul routes or placement of material in locations that require access to the air operations area, increase the facility envelope, or impact line-of-sight... However, extraordinary circumstances may trigger the need for a Safety Assessment and a CSPP. The CSPP is subject to subsequent review under the FAA's Safety Risk Management procedures...”

Safety Risk Management System (“SRM”) panels and Safety Assessment reporting are not components of this proposal.

The Consultant will update the Engineer's Report as previously developed in Task 1.

If FAA design guidelines or specifications for Consultant's related scope of services as listed herein are found to be not applicable for the site-specific situations of this project, the Consultant will initiate and coordinate a Modifications of Standards (MOS) request with the FAA.

In providing EOPCs, the Consultant has no control over the cost or availability of labor, equipment, or materials, or other local market conditions and that the Consultant's EOPCs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Contractor's work will not vary from the Consultant's EOPC.

Task 2.03 Perform In-House Quality Control Review – Pre-Final Design Documents

The Consultant will conduct an in-house quality control review of the Pre-Final Design Documents prior to submittal to the Client, the City, and FAA. The review will cover the design deliverables prior to submittal to the Client. The QC review will be performed as follows:

- ➔ Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, suitability for bidding, appearance, and acceptability
- ➔ Independent Technical Peer Review – For each discipline associated with the Project, an independent Engineer not actively involved in the Project will review the documents for alignment with design methodologies, calculations, and code compliance
- ➔ Constructability Review – a comprehensive look at the Project to attempt to verify alignment between plans and specifications, phasing impacts, and potential conflicts
- ➔ Discipline Coordination Review – an interdisciplinary review to attempt to verify coordination of elements between disciplines

Task 2.04 Submit Pre-Final Design Documents

The Consultant will review in-house quality control review of the Pre-Final Design Documents received from reviewing parties and incorporate applicable comments into the Pre-Final Design Documents. The Consultant will then submit and distribute copies of the Pre-Final Design Documents to the Client, the City, and FAA for review, comment, and approval to proceed with preparation of Final Design Documents. Distribution quantities of the Pre-Final Design Documents will be as noted in the DELIVERABLES section of this Proposal.

Task 2.05 Meetings / Presentations

To further the construction progress and coordinate efforts, various meetings are anticipated throughout the construction process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

➔ Design Development / Coordination Meetings

To further the design, Design Development / Coordination Meetings may be required. These meetings are intended to be "workshop" meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, FAA, Airport users, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

→ **Utility Coordination Meetings**

To further the design with respect to utility design, Utility Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, utility owners, and other stakeholders, as applicable.

One (1) meeting has been anticipated. The meeting is anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

→ **Pre-Final Design Documents Review Meeting**

The Consultant will coordinate and attend one (1) Pre-Final; Design Documents review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the Pre-Final Design Documents. This meeting is anticipated to be held at the Airport and will require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

Task 2.06 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team’s efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant’s scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

TASK 3 FINAL DESIGN PHASE SERVICES

Task 3 Final Design Phase Services will be performed on a lump sum basis

Task 3.01 Incorporate Pre-Final Design Review Comments

The Consultant will review comments received from the Client’s authorized representative(s) from the 60% design submittal reviews and incorporate applicable comments into plan sheets, project manual, Engineer’s report, and EOPC. The Consultant will provide a written response on each comment on how it will be incorporated into the documents, or why it was not applicable. Comments that require a significant change in scope from previous direction provided may require an additional scope and fee.

Additional rounds of comments from the Client’s authorized representative(s) are considered additional effort and will result in the revision of this scope.

Task 3.02 Prepare Final Design Documents

The Consultant will prepare Final Design Documents (plan sheets, project manual, Engineer’s Report, and EOPC). The design will evaluate and identify specific elements of the Project for a technically and economically sound project, with applicable additive alternates for bidding to correspond to available budgets.

An anticipated list of plan set sheets can be viewed in this proposal as Attachment B.

The project manual will consist of:

- Contract Documents (to be provided by the Client and incorporated by the Consultant);
- Bid Proposal;
- Technical Specifications;
- Site-specific CSPP;
- Site-specific CMP; and
- Referenced documents, which may consist of a Report of Geotechnical Exploration, applicable FAA ACs, and applicable permitting requirements.

The Consultant will prepare a site-specific CMP for the Project in general conformance with *FAA AC 150/5370-12, Quality Management for Federally Funded Airport Construction Projects*, latest edition, which will be used to attempt to verify that construction meets or exceeds the standards required by the Design Documents. The CMP will identify key contacts and their responsibilities throughout construction of the project. The CMP will be prepared as a component of the project manual.

The Consultant will update the Engineer's Report, and CSPP as previously developed in Task 2.

In providing EOPCs, the Consultant has no control over the cost or availability of labor, equipment, or materials, or other local market conditions and that the Consultant's EOPCs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Contractor's work will not vary from the Consultant's EOPC.

Task 3.03 Perform In-House Quality Control Review – Final Design Documents

The Consultant will conduct an in-house quality control review of the Final Design Documents prior to submittal to the Client, the City, and FAA. The review will cover the design deliverables prior to submittal to the Client. The QC review will be performed as follows:

- Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, suitability for bidding, appearance, and acceptability
- Independent Technical Peer Review – For each discipline associated with the Project, an independent Engineer not actively involved in the Project will review the documents for alignment with design methodologies, calculations, and code compliance
- Constructability Review – a comprehensive look at the Project to attempt to verify alignment between plans and specifications, phasing impacts, and potential conflicts
- Discipline Coordination Review – an interdisciplinary review to attempt to verify coordination of elements between disciplines

Task 3.04 Submit Final Design Documents

The Consultant will review in-house quality control review of the Final Design Documents and incorporate applicable comments into the Final Design Documents. The Consultant will then submit and distribute copies of the Final Design Documents to the Client, the City, and FAA for review, comment, and approval to proceed with preparation of Final Design Documents. Distribution quantities of the Final Design Documents will be as noted in the DELIVERABLES section of this Proposal.

Task 3.05 Meetings / Presentations

To further the design progress and coordinate efforts, various meetings are anticipated throughout the design process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

➔ Design Development / Coordination Meetings

To further the design, Design Development / Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, FAA, Airport users, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant.

Task 3.06 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team’s efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant’s scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

TASK 4 BIDDING PHASE SERVICES

Task 4 Bidding Phase Services will be performed on a time and materials basis.

Task 4.01 Provide Bidding Assistance

The Consultant will assist in advertising for and obtaining bids or proposals for the Project. The Consultant will coordinate and prepare pre-bid meeting agenda documents and other documents required for the bidding process.

Task 4.02 Respond to Bidder / Contractor Inquiries

The Consultant will provide formal responses to Bidder / Contractor inquiries. Responses will be submitted to the Client for approval prior to being issued.

Task 4.03 Issue Addenda

The Consultant will issue addenda as appropriate to clarify, correct, or change the bidding documents. Addenda will be submitted to the Client for approval prior to being issued. This instrument of service is limited to the content and scope of the original Bid Documents. Client-requested deviations from the content and scope of the original Bid Documents may require a change to the project scope and additional fees.

Task 4.04 Evaluate Bids

After the bid opening, Bidder / Contractor bids will be provided to the Consultant by the Client for evaluation. The Consultant will develop a tabulation of bids received and provide evaluation of such, checking for

correctness, qualifications of apparent low bidder, and DBE participation goals. The Consultant cannot and does not guarantee that bids will not vary from the EOPC.

Task 4.05 Meetings / Presentations

To further the bidding efforts, various meetings are anticipated throughout the bidding process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

→ Pre-bid Conference

The Consultant will attend and conduct a Pre-bid Conference. The intent will be to review the project and direct questions to be submitted in writing for official response. This meeting is anticipated to be held via teleconference and will not require travel by the Consultant.

→ Bid Opening

The Consultant will attend a Bid Opening. This meeting is anticipated to be held via teleconference and will not require travel by the Consultant.

Task 4.06 Prepare Conformed Construction Documents

The Consultant will prepare and provide Conformed Construction Documents, incorporating appropriate modifications made via addenda during the bidding process. This conformed set of documents will be provided to the Contractor and the Client as the baseline for construction activities.

Task 4.07 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team's efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant's scope of services; general correspondence by the Consultant with the Client, the Contractor, the City, the Resident Project Representative ("RPR"), and other governmental authorities; coordination of meetings with the Client, the Contractor, the City, the RPR, and other governmental authorities; and Project reporting.

TASK 5 CONSTRUCTION PHASE SERVICES

Task 5 Construction Phase Services will be performed on a time and materials basis. The services anticipated to be provided after commencing the Construction Phase are as follows:

Task 5.01 Review Contractor Submittals, Shop Drawings, and Samples

The Consultant will review and provide appropriate disposition of submittals, shop drawings, samples, and other submissions furnished by the Contractor and submitted to the Consultant. The Consultant will respond to each item within seven (7) calendar days of receiving the item for review. The Consultant will maintain a log of Contractor submittals consisting of the date submitted to the Consultant, the action taken, and the date returned.

It is anticipated fifty (50) submittal reviews will be performed; review of resubmittals will count as a review. Additional reviews may require a change to the Project scope and additional fees.

- ➔ The Consultant's review is for the limited purpose of confirming general conformance with information given and the design concept expressed in the Conformed Construction Documents. The Consultant is not responsible for work or requirements that are the Contractor's responsibility as defined in the Contractor's contract with the Owner.
- ➔ Unless otherwise specifically stated by the Consultant, the Consultant's review will not constitute approval of safety precautions, construction means, methods, techniques, sequences, or procedures.
- ➔ The Consultant may rely upon professional certifications of performance characteristics of materials, systems, or equipment if such certifications are required by the Conformed Construction Documents.
- ➔ The Consultant will maintain a record of submittals and copies of submittals supplied by the Contractor in accordance with the requirements of the Conformed Construction Documents.

Task 5.02 Provide Clarifications and Interpretations

The Consultant will prepare and provide design clarifications, interpretations, and recommendations to assist the Client in resolving field problems relating to construction or technical interpretations of the Conformed Construction Documents, submitted via formal Requests for Information (RFI) by the Contractor. The Consultant will respond to each item within seven (7) calendar days of receiving the item for review. Such clarifications and interpretations will be consistent with the intent of and reasonably inferable from the Conformed Construction Documents. The Consultant may issue, as appropriate, revised drawings and / or specifications authorizing minor variations from the requirements of the Conformed Construction Documents. This instrument of service is limited to the content and scope of the Conformed Construction Documents. Client-requested deviations from the content and scope of the Conformed Construction Documents may require a change to the project scope and additional fees.

It is anticipated twenty (20) RFI reviews will be reviewed. Additional reviews may require a change to the Project scope and additional fees.

Task 5.03 Prepare Change Orders and Scope Change Directives

The Consultant will discuss with and advise the Client regarding potential changes orders and / or supplemental agreements, generally consisting of reviews of change order scope, costs, and modifications to the construction schedule. The Consultant will prepare change order and / or supplemental agreement drawings and/or specifications, as directed by the Client. This instrument of service is limited to the content and scope of the Conformed Construction Documents. Client-requested deviations from the content and scope of the Conformed Construction Documents may require a change to the Project scope and additional fees.

Task 5.04 Review Topographic Elevation and Grade Control Survey Data

The Consultant will review topographic elevation and grade control survey data, provided by either the Contractor's or Client's survey teams, and provide appropriate professional interpretation thereof. The Consultant will not directly provide survey and grade control services.

Task 5.05 Review Independent Testing Laboratory Reports

The Consultant will review reports of observations, tests, samples, materials, and equipment prepared by an independent testing laboratory and provide appropriate professional interpretation thereof. The Consultant will not directly provide materials testing services.

Task 5.06 Meetings / Presentations

To further the construction progress and coordinate efforts, various meetings are anticipated throughout the construction process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

→ **Pre-Construction Conference**

The Consultant will attend and conduct one (1) pre-construction conference. Representatives of the Consultant's design team will be present at the pre-construction conference. This meeting is anticipated to be held at the Airport and will require travel by the Consultant.

→ **Quality Control / Quality Assurance Workshop**

The Consultant will attend and facilitate one (1) QC/QA Workshop at the Airport, as required by the FAA General Provisions for paving projects over \$500,000. At this meeting, the Consultant's senior construction personnel, the project RPR, project materials testing firms, the Contractor, and the Airport will establish quality control and quality assurance measures and testing procedures for the project.

This meeting is anticipated to be held at the Airport and will require travel by the Consultant.

→ **Weekly Construction Progress Meetings**

The Consultant will attend weekly construction progress meetings with the Client, the Contractor, and / or others to coordinate construction efforts, review construction progress, and discuss topics to further facilitate the ongoing construction project. Representatives of the Consultant's design team will be present for the teleconferences.

Fifteen (15) meetings have been anticipated. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant.

→ **Pre-Paving Meeting**

The Consultant will attend and facilitate one (1) Pre-Paving Meeting at the Airport. At this meeting, RS&H senior construction personnel, the project RPR, project materials testing firms, the Contractor, and the Airport will establish paving procedures for the project.

This meeting is anticipated to be held at the Airport and will require travel by the Consultant.

→ **Periodic Coordination Meetings**

The Consultant will attend periodic coordination meetings with the Client, the Contractor, the City, and / or others to coordinate construction efforts. These meetings are those that might be helpful outside the weekly construction progress meetings to facilitate progress of specific project elements. Representatives of the Consultant's design team will be present for the teleconferences.

Four (4) meetings have been anticipated. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant.

→ **Periodic Site Visits**

The Consultant will, in connection with observations of the work of the Contractor while it is in progress, make visits to the construction site at intervals appropriate to the various stages of construction in order to observe and reasonably familiarize themselves generally with the progress

and quality of the Contractor's work and to determine if the Contractor's work is generally proceeding in accordance with the Conformed Construction Documents.

After attending a periodic site visit, the Consultant will prepare a written field report for the Client to advise of noted deviations from the Conformed Construction Documents observed by or brought to the attention of the Consultant. The Consultant will additionally make written reports of recommendations to the Client regarding work performed by the Contractor that the Consultant has determined to be defective, that will not produce a finished product generally conforming to the Conformed Construction Documents, and / or that will prejudice the integrity of the design concept of the finished product as a functioning whole.

This Proposal provides four (4) site visits to be performed by the Consultant's design team, not inclusive of Substantial Completion Observation or Final Observation. These site visits / meetings will be held at the Airport and will require travel by the Consultant.

→ **Substantial Completion Observation**

The Consultant will attend one (1) Substantial Completion Observation with the Client, the Contractor, and other governmental authorities to determine if construction work of the Contractor has been performed in general conformance with the Conformed Construction Documents and prepare a punchlist of visually non-conforming items and deficient items of work completed by the Contractor. Representatives of the Consultant's design team will be present at the Substantial Completion Observation.

This meeting will be held at the Airport and will require travel by the Consultant.

→ **Final Observation**

The Consultant will attend one (1) Final Observation with the Client, the Contractor, and other governmental authorities to determine if the punchlist items from the Substantial Completion Observation have been appropriately constructed. Representatives of the Consultant's design team will be present at the Final Observation.

This meeting will be held at the Airport and will require travel by the Consultant.

Task 5.07 General Administration of the Construction Contract

The Consultant will communicate with the Client and act as their representative with respect to project components throughout construction of the Project.

This task provides oversight of project components designed by the Consultant; general correspondence by the Consultant with the Client, the Contractor, the City, the Resident Project Representative ("RPR"), and other governmental authorities; coordination of meetings with the Client, the Contractor, the City, the RPR, and other governmental authorities; and Project reporting.

The Consultant will manage the Project in a professional manner to perform the efforts within the proposed time frame. The Consultant will provide scheduling, resource allocation, monitoring, oversight, and direction for aspects of the Consultant's efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

The Consultant will not have control or charge of and will not be responsible for construction means, methods, techniques, sequences or procedures or for the safety precautions and programs in connection with the project construction, for the acts or omissions of the Contractor, subcontractors, their agents or subcontractor's employees, or other persons performing work on behalf of the Contractor or for the failure

of such persons to carry out the Contractor's work in accordance with the Conformed Construction Documents.

The anticipated construction duration is 240 calendar days, based on a preliminary construction schedule prepared by the Consultant. Deviation from these assumptions may require a change to the Project scope and additional fees.

The Consultant will prepare up to eight (8) monthly progress reports for the Client during the entire duration of the project. The monthly progress reports will consist of a written description of each task identified within the contracted scope of services as of the date of the progress report.

Task 5.08 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team's efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant's scope of services; general correspondence by the Consultant with the Client, the Contractor, the City, the Resident Project Representative ("RPR"), and other governmental authorities; coordination of meetings with the Client, the Contractor, the City, the RPR, and other governmental authorities; and Project reporting.

TASK 6 CLOSEOUT PHASE SERVICES

Task 6 Closeout Phase Services will be performed on a lump sum basis. The services anticipated to be provided after commencing the Closeout Phase are as follows:

Task 6.01 Prepare Project Record Drawings

The Consultant will prepare Project Record Drawings, corrected to show significant changes made in the Contractor's work during the construction of the project. Such corrections will be based upon "redline" prints, drawings, field sketches and other data furnished to the Consultant by the Client, and upon change orders issued during construction.

Task 6.02 Update Final Engineer's Report

The Consultant will update the Engineer's Report, as previously developed in Task 3. The Engineer's Report will be updated to show significant changes made in the Contractor's work during the construction of the project. Such corrections will be based upon "redline" prints, drawings, field sketches and other data furnished to the Consultant by the Client, and upon change orders issued during construction.

Task 6.03 Meetings

For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

→ Warranty Observation

The Consultant will attend one (1) Warranty Observation with the Client, City, Contractor, RPR, and other governmental authorities prior to the expiration of the warranty period. The Consultant

will advise the Owner and Contractor of recommended action to be taken under the terms of the warranty. This meeting will be held at the Airport and will require travel by the Consultant.

No meetings or travel requirements are anticipated for closeout phase services.

4. Meetings and Presentations

The following meetings and presentations will be attended as part of this proposal:

Task	Total Meetings	In-Person Meetings	Teleconference Meetings
Task 1.09 Pre-Design Conference	1	1	
Task 1.09 Site Study	1	1	
Task 1.09 Design Development / Coordination Meetings	2		2
Task 1.09 Utility Coordination Meetings	2		2
Task 1.09 Ramp Geometry Concept Review Meeting	1		1
Task 1.09 Preliminary Design Review Meeting	1	1	
Task 2.04 Design Development / Coordination Meetings	2		2
Task 2.04 Utility Coordination Meetings	1		1
Task 2.04 Pre-Final Design Documents Review Meeting	1	1	
Task 3.05 Design Development / Coordination Meetings	2		2
Task 3.05 Final Design Documents Review Meeting	1	1	
Task 4.05 Pre-bid Conference	1		1
Task 4.05 Bid Opening	1		1
Task 5.06 Pre-Construction Conference	1	1	
Task 5.06 Quality Control / Quality Assurance Workshop	1	1	
Task 5.06 Weekly Construction Progress Meetings	15		15
Task 5.06 Pre-Paving Meeting	1	1	
Task 5.06 Periodic Coordination Meetings	4		4
Task 5.06 Periodic Site Visits	4	4	
Task 5.06 Substantial Completion Observation	1	1	
Task 5.06 Final Observation	1	1	
Task 6.03 Warranty Observation	1	1	
Total	46	15	29

The Consultant will prepare the minutes of each meeting and distribute them to attendees within three (3) working days of the meeting. Meetings held in-person will require travel by the Consultant. Meetings held via teleconference will not require travel by the Consultant.

5. Deliverables

Deliverables are anticipated to be provided electronically by the Consultant. PDF files will be provided for all deliverable documents. Word, Excel, and CAD files will be provided for working documents.

- Preliminary Design Submittal
- Pre-Final Design Submittal
- Final Design Submittal
- Record Drawings
- Final Engineer's Report

6. Schedule

The Consultant proposes to perform the services as noted herein in accordance with the following schedule:

- | | |
|--------------------------------|--|
| → Pre-Design Conference | within 7 days from NTP |
| → Topographical Survey | 3 Weeks after Pre-Design Conference |
| → Geotechnical Study | 6 Weeks after Pre-Design Conference |
| → Preliminary Design Submittal | 75 calendar days from NTP |
| → Pre-Final Design Submittal | 60 calendar days from Preliminary Design Submittal |
| → Final Design Submittal | 30 calendar days from Pre-Final Design Submittal |
| → Bid Phase | 15 calendar days from Final Design Submittal |
| → Construction Phase | Assumed duration is 240 Calendar Days |

*The schedule does not account for review time for the Client, City, FAA, or other governing authorities.

In order to meet the proposed schedule above, the Consultant must receive the following information from the Client, or others as required. This information must be received within the timeframe noted with respect to the NTP in order to not jeopardize the proposed schedule.

- Taxiway G Record Drawings (PDF and AutoCAD format)

The actual schedule may vary significantly as the Project design progresses and the scope is further developed. Delays to the proposed design schedule outside of the Consultant's control may require re-evaluation of the proposed schedule and / or design fees.

7. Professional Fees

The proposed fee for this Project can be viewed in this proposal as Attachment B.

Design and Closeout Phase services will be performed in their entirety on a lump sum basis. Bidding and Construction Administration services will be performed in their entirety on a time and materials basis. An RS&H hourly rate schedule can be viewed in this proposal as Attachment B. Rates will be charged based on the current rates at the time of task execution.

This proposal is valid for 90 days, and the scope and fee may need to be modified if the contract is not executed within that period.

8. Exclusions and Assumptions

The following are assumed for this proposal:

- Project Construction Duration is 240 calendar days.
- Contractor will provide redlines of the plans for the Record Drawings.
- RPR services will not be provided by the Consultant. It is assumed the Client will provide these services directly or solicit the services of another consultant to be contracted directly to the Client.
- Construction materials acceptance testing services will not be provided by the Consultant. It is assumed the Client will provide this service directly or solicit the services of a subconsultant to be contracted directly to the Client.
- Construction verification survey and post-construction survey services will not be provided by the Consultant. It is assumed the Contractor will provide this service directly or solicit the services of a subconsultant to be contracted directly to the Contractor.
- Preferred Site Plan will not change significantly from what is currently shown in the Conceptual Site Layout (Figure 1). Changes due to multiple iterations of site plans or edits to the site plan will incur additional design fees.
- Existing airfield utilities will be marked out by the Client's maintenance personnel and FAA Tech Ops.
- Escort for geotechnical analyses and topographical survey will be provided by the Client.
- The SIDA Ramp may be used by the Client for mobile fueling. No fuel spill containment will be required and is not included in this design.
- No deicing will occur on the SIDA Ramp. No spent deicing material containment will be required and is not included in this design.
- Applicable airfield pavements will be closed during geotechnical and topographical survey services, allowing for uninterrupted, continual access.
- The Client will provide current operational data (type of aircraft and number of operations) for pavement design purposes.
- The Consultant will not perform services related to PFAS chemicals or substances possibly containing PFAS chemicals and RS&H will not be liable for the non-performance of such services.

Deviations from these assumptions once notice has been given to the Consultant to begin the services of this contract may require a change to the Project scope and additional fees.

Tasks not specifically noted as included in this scope of services are not included in this Contract. In addition, the following is a listing of major items not included as part of this Proposal. This list will not be construed as the only items not included as part of this scope of services.

- Funding coordination
- Federal Procurement Provision Development and Review (BABA, etc.)
- FAA Reimbursable Agreement coordination
- Section 163 Screening Process and Determination
- National Environmental Policy Act (NEPA) documentation beyond SWPPP plan sheets
- National Pollutant Discharge Elimination System ("NPDES") / Texas Pollutant Discharge Elimination System ("TPDES") / TCEQ permits
- Transportation Security Administration coordination
- Environmental remediation (wetlands, soil contamination, etc.)
- Permitting beyond that noted herein
- Permit fees unless otherwise indicated
- Boundary surveys
- Subsurface Utility Engineering (SUE) Exploration

- Obstruction surveys
- Contract Documents (sometimes referred to as “front end documents”)
- Survey platting
- FAA Form 7460-1, Notice of Proposed Construction or Alteration
- Safety Risk Management System (“SRM”) and Safety Assessment
- Stormwater / drainage improvements beyond basic site grading, drainage calculations, drainage modeling, stormwater detention, etc.
- Flood plain analysis and Conditional Letter of Map Revision (“CLOMR”) application
- Per- and polyfluoroalkyl substances (PFAS) analysis and mitigation
- Design of utilities
- Concrete Joint Layout
- Review of Contractor’s applications for payment
- Trench safety plan
- Confined space plan
- Clearing of existing trees and / or other vegetation
- Design or construction administration of NAVAID improvements / relocations
- Design or construction administration of ALCMS improvements / updates
- Design for Leadership in Energy and Environmental Design (“LEED”) or Envision™ certification
- Electrical Site Lighting
- IT & fiber design, security system designs
- FAA Form 7460-1 and submittal
- FAA Form 7480-1 and submittal
- Construction Phase Document Control, RPR services, construction materials acceptance testing, construction staking, and/or any other construction-related services
- Contractor application for payment review.
- Construction verification surveys (Construction Documents will require Contractor to perform and submit for approval)
- Post-construction survey and AGIS Upload
- Additional travel to the Airport, FAA offices, or any other requested travel, beyond those meetings explicitly noted herein
- Americans with Disabilities Act (ADA) design
- Texas Accessibility Standards (TAS) design
- TDLR review

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ATTACHMENT “B”
CONSULTANT’S FEE PROPOSAL AND HOURLY RATES



**EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES**

El Paso International Airport

SIDA Ramp Expansion

DESIGN, BIDDING, AND CONSTRUCTION PHASE SERVICES

FIRM NAME	Labor (Lump Sum)	Labor (Hourly)	Expenses (Reimb.)	TOTAL	
RS&H, Inc.					
Task 1 – Preliminary Design Phase	\$ 148,483.82	\$ -	\$ 7,113.00	\$ 155,596.82	22.29%
Task 2 – Pre-Final Design Phase Services	\$ 97,829.21	\$ -	\$ 4,330.00	\$ 102,159.21	14.64%
Task 3 – Final Design Phase Services	\$ 60,046.76	\$ -	\$ 1,260.00	\$ 61,306.76	8.78%
Task 4 – Bidding Phase Services	\$ 17,534.04	\$ -	\$ -	\$ 17,534.04	2.51%
Task 5 – Construction Phase Services*	\$ -	\$ 201,130.30	\$ 19,760.00	\$ 220,890.30	31.65%
Task 6 – Closeout Phase Services*		\$ 24,789.16	\$ 2,075.00	\$ 26,864.16	3.85%
RS&H, Inc. Subtotal	\$ 323,893.83	\$ 225,919.46	\$ 34,538.00	\$ 584,351.29	83.73%
Subconsultants (Non-DBE)					
Subconsultants (Non-DBE) Subtotal	\$ -		\$ -	\$ -	
Sub-Consultants (DBE)					
Omega Engineers Inc. - Permitting and Utilities	\$ 47,937.78	\$ 10,000.00	\$ -	\$ 57,937.78	8.30%
CQC - Geotechnical Investigation	\$ 29,967.40	\$ -	\$ -	\$ 29,967.40	4.29%
Barragan and Associates - Survey	\$ 25,680.00	\$ -	\$ -	\$ 25,680.00	3.68%
Sub-Consultants (DBE) Subtotal	\$ 103,585.18	\$ 10,000.00	\$ -	\$ 113,585.18	16.27%
Grand Total				\$ 697,936.47	100.00%

* Fiscal Year 2030 rates were used for fee estimation. The fee will be adjusted based on the current rates at the time of task execution.



EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES

El Paso International Airport
SIDA Ramp Expansion

PRELIMINARY DESIGN PHASE SERVICES

SCOPE / TASK TITLE		PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL									
Task 1 – Preliminary Design Phase																						
	Task 1.07 Perform In-House Quality Control Review	2.0	8.0	8.0	8.0				4.0				30.0									
	Task 1.08 Submit Preliminary Design Documents		1.0										1.0									
	Task 1.09 Meetings / Presentations																					
1	Task 1.13.01 Pre-Design Conference		12.0	12.0					12.0				36.0									
1	Task 1.13.02 Site Study												0.0									
2	Task 1.13.03 Design Development / Coordination Meetings		2.0			2.0			2.0				6.0									
2	Task 1.13.05 Utility Coordination Meetings (Teleconference)		2.0			2.0			2.0				6.0									
1	Task 1.13.07 Ramp Geometry Concept Review Meeting (Teleconference)		1.0			1.0			1.0		1.0		4.0									
1	Task 1.13.08 Preliminary Design Review Meeting		12.0	12.0					12.0				36.0									
10	Task 1.10 Project Management and Administration	3.0	20.0									12.0	35.0									
TOTAL HOURS		6.0	153.0	36.0	16.0	65.0	104.0	230.0	66.5	70.0	9.0	16.0	771.5									
RATE		\$ 366.07	\$ 235.29	\$ 351.70	\$ 277.46	\$ 234.17	\$ 127.23	\$ 120.28	\$ 361.01	\$ 125.00	\$ 305.17	\$ 97.90										
TOTAL LABOR \$		\$ 2,196.42	\$ 35,999.37	\$ 12,661.20	\$ 4,439.36	\$ 15,221.05	\$ 13,231.92	\$ 27,664.40	\$ 24,007.17	\$ 8,750.00	\$ 2,746.53	\$ 1,566.40	\$ 148,483.82									
OTHER DIRECT NON-SALARY COSTS																						
		# PLANS #PAGES #SETS																				
		@ @ 5																				
REPRODUCTION		\$ 1.10	\$ 0.15																			
Plans		50																				
Report/Project Manual			750																			
TOTAL REPRODUCTION																						
POSTAGE / DELIVERY		# PLANS # SPECS																				
		@ @																				
		\$ 15.00	\$ 10.00																			
Plans																						
Reports/Specifications		5																				
TOTAL POSTAGE / DELIVERY																						
SUBCONSULTANTS																						
CQC - Geotechnical Investigation																						
Barragan and Associates - Survey																						
Omega Engineers Inc. - Permitting and Utilities																						
TOTAL SUBCONSULTANTS																						
TRAVEL																						
		Flight @ Car @ Lodging @ Per Diem @ Tolls @ No. of																				
		#People #Days	\$ 650.00																			



EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES

El Paso International Airport
SIDA Ramp Expansion

PRE-FINAL DESIGN PHASE SERVICES

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL
Task 2 – Pre-Final Design Phase Services												
Task 2.01 Incorporate Preliminary Design Review Comments	1.0	4.0		2.0	4.0	8.0	16.0	4.0	12.0			51.0
Task 2.02 Prepare Pre-Final Design Documents												
Plan Sheets												
Cover Sheet							1.0					1.0
Sheet Index							1.0					1.0
Abbreviations, Legend, And Contact Information							1.0					1.0
General Contract Notes		1.0					1.0					2.0
Safety And Security Notes		1.0					1.0					2.0
Construction Phasing And Safety Notes		1.0					3.0					4.0
Contract Layout Plan		1.0					4.0					5.0
Horizontal And Vertical Control Plan							1.0					1.0
Airfield Alignment Plan		1.0					1.0					2.0
Soil Boring Location Plan							3.0					3.0
Soil Boring Logs							1.0					1.0
Overall Phasing Plan		1.0					3.0					4.0
Phasing Plan - Pre-Work Phase 1 And 1A		1.0					3.0					4.0
Phasing Plan - Work Phase 1 And 1A		1.0					3.0					4.0
Phasing Plan - Post-Work Phase 1A - Pre-Work Phase 1B		1.0					3.0					4.0
Phasing Plan - Work Phase 1 And 1B		1.0					3.0					4.0
Phasing Plan - Post-Work Phase 1 And 1B		1.0					3.0					4.0
Construction Safety And Phasing Details		1.0					1.0					2.0
Existing Conditions Key Plan							1.0					1.0
Existing Conditions Plans		1.0					5.0					6.0
Existing Pavement Details		1.0					5.0					6.0
Temporary Erosion And Sediment Control Plan					1.0	5.0						6.0
SWPPP Data Sheet					1.0	5.0						6.0
Temporary Erosion And Sediment Control Details					1.0	5.0						6.0
Pavement Demolition Key Plan							1.0					1.0
Pavement Demolition Plans		1.0					5.0					6.0
Pavement Demolition Point Tables							1.0					1.0
Pavement Demolition And Repair Details		1.0					5.0					6.0
Pavement Geometry Key Plan							1.0					1.0
Pavement Geometry Plans		1.0					5.0					6.0
Pavement Geometry Point Tables							1.0					1.0
Pavement Typical Sections		3.0					5.0					8.0
Pavement Elevations Key Plan							1.0					1.0
Pavement Elevations Plans							5.0					5.0
Grading Key Plan							1.0					1.0
Grading And Drainage Plans		3.0			5.0	21.0	11.0					40.0
Drainage Details					5.0	5.0						10.0
Pavement Marking Key Plan							1.0					1.0
Pavement Marking Plans		1.0					3.0					4.0
Pavement Marking Point Tables							1.0					1.0
Pavement Marking Details		1.0					3.0					4.0
Site Restoration Plan		1.0					3.0					4.0
Site Restoration Details		1.0					3.0					4.0
Electrical Symbols Legend									1.0			1.0
Electrical Demolition Key Plan									3.0			3.0
Electrical Demolition Plans								1.0	5.0			6.0
Proposed Electrical Key Plan									3.0			3.0
Proposed Electrical Plans								1.0	8.0			9.0
Electrical Details								1.0	5.0			6.0
Airfield Lighting Schedules								1.0	5.0			6.0
Electrical Circuit Plan								1.0	5.0			6.0
Project Manual												
Contract Documents		4.0										4.0
Technical Specifications		13.0		3.0	5.0			11.0				32.0
CSPP		4.0				16.0	8.0					28.0
Construction Management Plan (CMP)		5.0		3.0		20.0	2					



**EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES**

**EI Paso International Airport
SIDA Ramp Expansion**

PRE-FINAL DESIGN PHASE SERVICES

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL
Task 2 – Pre-Final Design Phase Services												
Task 2.04 Submit Pre-Final Design Documents		1.0										1.0
Task 2.05 Meetings / Presentations												
2 Task 2.05.01 Design Development / Coordination Meetings (Teleconference)		2.0		2.0	2.0							6.0
1 Task 2.05.02 Utility Coordination Meetings (Teleconference)		1.0			1.0			1.0				3.0
1 Task 2.05.03 Pre-Final Design Documents Review Meeting		12.0					12.0					24.0
5 Task 2.06 Project Management and Administration	1.0	10.0									6.0	17.0
TOTAL HOURS	4.0	102.0	8.0	21.0	41.0	104.0	173.0	36.0	52.0	0.0	6.0	547.0
RATE	\$ 366.07	\$ 235.29	\$ 351.70	\$ 277.46	\$ 234.17	\$ 127.23	\$ 120.28	\$ 361.01	\$ 125.00	\$ 305.17	\$ 97.90	
TOTAL LABOR \$	\$ 1,464.28	\$ 23,999.58	\$ 2,813.60	\$ 5,826.66	\$ 9,600.97	\$ 13,231.92	\$ 20,808.44	\$ 12,996.36	\$ 6,500.00	\$ -	\$ 587.40	\$ 97,829.21
OTHER DIRECT NON-SALARY COSTS												
	# PLANS	#PAGES	#SETS									
	@	@	5									
REPRODUCTION	\$ 1.10	\$ 0.15										
Plans	70											\$ 385.00
Report/Project Manual		1000										\$ 750.00
TOTAL REPRODUCTION												\$ 1,135.00
POSTAGE / DELIVERY	# PLANS	# SPECS										
	@	@										
	\$ 15.00	\$ 10.00										
Plans	5											\$ 75.00
Reports/Specifications		5										\$ 50.00
TOTAL POSTAGE / DELIVERY												\$ 125.00
SUBCONSULTANTS												
CQC - Geotechnical Investigation												\$ -
Barragan and Associates - Survey												\$ -
Omega Engineers Inc. - Permitting and Utilities												\$ 28,458.43
TOTAL SUBCONSULTANTS												\$ 28,458.43
TRAVEL												
	#People	#Days	Flight @	Car @	Lodging @	Per Diem @	Tolls @	No. of				
Task 2.05.03 Pre-Final Design Documents Review Meeting	3	2	\$ 650.00	\$ 85.00	\$ 160.00	\$ 75.00	\$ -	Times	1			\$ 2,965.00
			\$ 1,950.00	\$ 85.00	\$ 480.00	\$ 450.00	\$ -					\$ 2,965.00
MILEAGE	150	Miles @	\$ 0.70									\$ 105.00
SUM OF ODC's												\$ 32,788.43
Total Proposed Fee for: Task 2 – Pre-Final Design Phase Services												
											LUMP SUM	\$ 130,617.64



EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES

El Paso International Airport
SIDA Ramp Expansion

FINAL DESIGN PHASE SERVICES

SCOPE / TASK TITLE	PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL
Task 3 – Final Design Phase Services												
Task 3.01 Incorporate Pre-Final Design Review Comments		2.0		1.0	2.0	3.0	6.0	2.0	5.0			21.0
Task 3.02 Prepare Final Design Documents												
Plan Sheets												
Cover Sheet							1.0					1.0
Sheet Index							1.0					1.0
Abbreviations, Legend, And Contact Information							1.0					1.0
General Contract Notes							1.0					1.0
Safety And Security Notes							1.0					1.0
Construction Phasing And Safety Notes							2.0					2.0
Contract Layout Plan							2.0					2.0
Horizontal And Vertical Control Plan							1.0					1.0
Airfield Alignment Plan							1.0					1.0
Soil Boring Location Plan							2.0					2.0
Soil Boring Logs							1.0					1.0
Overall Phasing Plan							2.0					2.0
Phasing Plan - Pre-Work Phase 1 And 1A		1.0					2.0					3.0
Phasing Plan - Work Phase 1 And 1A		1.0					2.0					3.0
Phasing Plan - Post-Work Phase 1A - Pre-Work Phase 1B		1.0					2.0					3.0
Phasing Plan - Work Phase 1 And 1B		1.0					2.0					3.0
Phasing Plan - Post-Work Phase 1 And 1B		1.0					2.0					3.0
Construction Safety And Phasing Details							1.0					1.0
Existing Conditions Key Plan							1.0					1.0
Existing Conditions Plans		1.0					3.0					4.0
Existing Pavement Details		1.0					3.0					4.0
Temporary Erosion And Sediment Control Plan					1.0	3.0						4.0
SWPPP Data Sheet					1.0	3.0						4.0
Temporary Erosion And Sediment Control Details					1.0	3.0						4.0
Pavement Demolition Key Plan							1.0					1.0
Pavement Demolition Plans		1.0					3.0					4.0
Pavement Demolition Point Tables							1.0					1.0
Pavement Demolition And Repair Details		1.0					3.0					4.0
Pavement Geometry Key Plan							1.0					1.0
Pavement Geometry Plans		1.0					3.0					4.0
Pavement Geometry Point Tables							1.0					1.0
Pavement Typical Sections		2.0					3.0					5.0
Pavement Elevations Key Plan							1.0					1.0
Pavement Elevations Plans							3.0					3.0
Grading Key Plan							1.0					1.0
Grading And Drainage Plans		2.0			3.0	13.0	6.0					24.0
Drainage Details					3.0	3.0						6.0
Pavement Marking Key Plan							1.0					1.0
Pavement Marking Plans		1.0					2.0					3.0
Pavement Marking Point Tables							1.0					1.0
Pavement Marking Details		1.0					2.0					3.0
Site Restoration Plan							2.0					2.0
Site Restoration Details							2.0					2.0
Electrical Symbols Legend									1.0			1.0
Electrical Demolition Key Plan									2.0			2.0
Electrical Demolition Plans									3.0			3.0
Proposed Electrical Key Plan									2.0			2.0
Proposed Electrical Plans									5.0			5.0
Electrical Details									3.0			3.0
Airfield Lighting Schedules									3.0			3.0
Electrical Circuit Plan									3.0			3.0
Project Manual												0.0
Contract Documents		4.0										4.0
Technical Specifications		8.0		2.0	3.0			6.0				19.0
CSPP		3.0		2.0	8.0	6.0		3.0				22.0
Construction Management Plan (CMP)		2.0			2.0	5.0	8.0	1.0	3.0			21.0</



EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES

El Paso International Airport
SIDA Ramp Expansion

FINAL DESIGN PHASE SERVICES

SCOPE / TASK TITLE		PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL										
Task 3 – Final Design Phase Services																							
	Task 3.03 Perform In-House Quality Control Review – Final Design Documents	2.0	8.0	8.0	8.0				4.0				30.0										
	Task 3.04 Submit Final Design Documents		1.0										1.0										
	Task 3.05 Meetings / Presentations																						
1	Task 5.05.01 Design Development / Coordination Meetings		1.0		1.0	1.0							3.0										
4	Task 5.06 Project Management and Administration	1.0	8.0									5.0	14.0										
TOTAL HOURS		3.0	60.0	8.0	16.0	35.0	50.0	93.0	20.0	33.0	0.0	5.0	323.0										
RATE		\$ 366.07	\$ 235.29	\$ 351.70	\$ 277.46	\$ 234.17	\$ 127.23	\$ 120.28	\$ 361.01	\$ 125.00	\$ 305.17	\$ 97.90											
TOTAL LABOR \$		\$ 1,098.21	\$ 14,117.40	\$ 2,813.60	\$ 4,439.36	\$ 8,195.95	\$ 6,361.50	\$ 11,186.04	\$ 7,220.20	\$ 4,125.00	\$ -	\$ 489.50	\$ 60,046.76										
OTHER DIRECT NON-SALARY COSTS																							
		# PLANS #PAGES #SETS																					
		@ @ 5																					
REPRODUCTION		\$ 1.10	\$ 0.15																				
Plans		70											\$ 385.00										
Reports/Specifications		1000											\$ 750.00										
TOTAL REPRODUCTION													\$ 1,135.00										
POSTAGE / DELIVERY		# PLANS # SPECS																					
		@ @																					
		\$ 15.00	\$ 10.00																				
Plans		5											\$ 75.00										
Reports/Specifications		5											\$ 50.00										
TOTAL POSTAGE / DELIVERY													\$ 125.00										
SUBCONSULTANTS																							
CQC - Geotechnical Investigation													\$ -										
Barragan and Associates - Survey													\$ -										
Omega Engineers Inc. - Permitting and Utilities													\$ 2,930.40										
TOTAL SUBCONSULTANTS													\$ 2,930.40										
TRAVEL		Flight @ Car @ Lodging @ Per Diem @ Tolls @ No. of																					
		#People	#Days	\$	650.00	\$	85.00	\$	160.00	\$	75.00	\$	-										
N/A		0	0	\$	-	\$	-	\$	-	\$	-	0	\$ -										
													\$ -										
MILEAGE		0	Miles @	\$	0.70								\$ -										
SUM OF ODC's													\$ 4,190.40										



EXHIBIT A - ATTACHMENT B
SUMMARY OF PROFESSIONAL FEES

El Paso International Airport
SIDA Ramp Expansion

BIDDING PHASE SERVICES (TIME AND MATERIALS)

SCOPE / TASK TITLE		PROJECT OFFICER	PROJECT MANAGER	PROJECT DIRECTOR	CONSTRUCTION MANAGER V	ENGINEER III	ENGINEER II	ENGINEER I	ELECTRICAL ENGINEER V	ELECTRICAL ENGINEER II	AVIATION PLANNER V	ADMIN ASST.	TOTAL										
Task 4 – Bidding Phase Services																							
	Task 4.01 Provide Bidding Assistance		2.0						2.0				4.0										
	Task 4.02 Respond to Bidder / Contractor Inquiries		2.0		6.0				2.0				10.0										
	Task 4.03 Issue Addenda		4.0		6.0				2.0				12.0										
	Task 4.04 Evaluate Bids		4.0						2.0				6.0										
	Task 4.05 Meetings / Presentations																						
1	Task 4.05.01 Pre-bid Conference		2.0		2.0								4.0										
1	Task 4.05.02 Bid Opening		1.0										1.0										
	Task 4.06 Prepare Conformed Construction Documents		4.0			2.0	4.0	8.0	2.0	4.0		4.0	28.0										
4	Task 4.07 Project Management and Administration	1.0	8.0									5.0	14.0										
TOTAL HOURS		1.0	27.0	0.0	14.0	2.0	4.0	8.0	10.0	4.0	0.0	9.0	79.0										
RATE		\$ 366.07	\$ 235.29	\$ 351.70	\$ 277.46	\$ 234.17	\$ 127.23	\$ 120.28	\$ 361.01	\$ 125.00	\$ 305.17	\$ 97.90											
TOTAL LABOR \$		\$ 366.07	\$ 6,352.83	\$ -	\$ 3,884.44	\$ 468.34	\$ 508.92	\$ 962.24	\$ 3,610.10	\$ 500.00	\$ -	\$ 881.10	\$ 17,534.04										
OTHER DIRECT NON-SALARY COSTS																							
		# PLANS #PAGES #SETS																					
		@ @ 0																					
REPRODUCTION		\$ 1.10	\$ 0.15																				
Plans		70																					
Reports/Specifications			1000																				
TOTAL REPRODUCTION																							
POSTAGE / DELIVERY		# PLANS # SPECS																					
		@ @																					
		\$ 15.00	\$ 10.00																				
Plans		0																					
Reports/Specifications			0																				
TOTAL POSTAGE / DELIVERY																							
SUBCONSULTANTS																							
CQC - Geotechnical Investigation																							
Barragan and Associates - Survey																							
Omega Engineers Inc. - Permitting and Utilities																							
TOTAL SUBCONSULTANTS																							
TRAVEL																							
		#People #Days \$ Flight @ \$ Car @ \$ Lodging @ \$ Per Diem @ \$ Tolls @ No. of Times																					
		0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1		\$ -										
		0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1		\$ -										

El Paso International Airport
SIDA Ramp Expansion
Project Team Hourly Rate Schedule
January 1st, 2025 through December 31, 2025

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	366.07
Project Director	\$	351.70
Project Manager	\$	235.29
Administrative Assistance	\$	97.9
CIVIL ENGINEER		
Engineer I	\$	120.28
Engineer II	\$	175.47
Engineer III	\$	234.17
Engineer IV	\$	300.14
Engineer V	\$	336.36
ELECTRICAL ENGINEER		
Engineer II	\$	125.59
Engineer III	\$	161.18
Engineer IV	\$	231.64
Engineer V	\$	344.13
PLANNER/AVIATION		
Aviation Planner I	\$	117.14
Aviation Planner II	\$	159.38
Aviation Planner III	\$	231.69
Aviation Planner IV	\$	294.20
Aviation Planner V	\$	305.17
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	120.53
Environmental II	\$	166.93
Environmental III	\$	206.26
Environmental IV	\$	253.24
Environmental IV	\$	551.00
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	176.14
Field Representative IV	\$	234.84
Construction Manager V	\$	277.46

1. The schedule of hourly rates above is only included for Construction Administration and Closeout services and is not applicable to design and bidding services (completed as lump sum).
2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses. Reimbursement for mileage will be at a rate of \$0.70 / mile.

El Paso International Airport**SIDA Ramp Expansion****Project Team Hourly Rate Schedule**

January 1st, 2026 through December 31, 2026

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	375.22
Project Director	\$	360.49
Project Manager	\$	241.17
Administrative Assistance	\$	100.35
CIVIL ENGINEER		
Engineer I	\$	123.29
Engineer II	\$	179.86
Engineer III	\$	240.02
Engineer IV	\$	307.64
Engineer V	\$	344.77
ELECTRICAL ENGINEER		
Engineer II	\$	128.73
Engineer III	\$	165.21
Engineer IV	\$	237.43
Engineer V	\$	352.73
PLANNER/AVIATION		
Aviation Planner I	\$	120.07
Aviation Planner II	\$	163.36
Aviation Planner III	\$	237.48
Aviation Planner IV	\$	301.56
Aviation Planner V	\$	312.80
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	123.54
Environmental II	\$	171.10
Environmental III	\$	211.42
Environmental IV	\$	259.57
Environmental IV	\$	564.78
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	180.54
Field Representative IV	\$	240.71
Construction Manager V	\$	284.39

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2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses. Reimbursement for mileage will be at the IRS-approved standard mileage rate for 2026.

El Paso International Airport
SIDA Ramp Expansion
Project Team Hourly Rate Schedule
January 1st, 2027 through December 31, 2027

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	384.60
Project Director	\$	369.50
Project Manager	\$	247.20
Administrative Assistance	\$	102.86
CIVIL ENGINEER		
Engineer I	\$	126.37
Engineer II	\$	184.35
Engineer III	\$	246.02
Engineer IV	\$	315.33
Engineer V	\$	353.39
ELECTRICAL ENGINEER		
Engineer II	\$	131.95
Engineer III	\$	169.34
Engineer IV	\$	243.37
Engineer V	\$	361.55
PLANNER/AVIATION		
Aviation Planner I	\$	123.07
Aviation Planner II	\$	167.45
Aviation Planner III	\$	243.42
Aviation Planner IV	\$	309.09
Aviation Planner V	\$	320.62
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	126.63
Environmental II	\$	175.38
Environmental III	\$	216.70
Environmental IV	\$	266.06
Environmental IV	\$	578.89
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	185.06
Field Representative IV	\$	246.73
Construction Manager V	\$	291.50

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2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses. Reimbursement for mileage will be at the IRS-approved standard mileage rate for 2027.

El Paso International Airport
SIDA Ramp Expansion
Project Team Hourly Rate Schedule
January 1st, 2028 through December 31, 2028

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	394.22
Project Director	\$	378.74
Project Manager	\$	253.38
Administrative Assistance	\$	105.43
CIVIL ENGINEER		
Engineer I	\$	129.53
Engineer II	\$	188.96
Engineer III	\$	252.17
Engineer IV	\$	323.21
Engineer V	\$	362.23
ELECTRICAL ENGINEER		
Engineer II	\$	135.25
Engineer III	\$	173.57
Engineer IV	\$	249.45
Engineer V	\$	370.59
PLANNER/AVIATION		
Aviation Planner I	\$	126.15
Aviation Planner II	\$	171.63
Aviation Planner III	\$	249.50
Aviation Planner IV	\$	316.82
Aviation Planner V	\$	328.63
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	129.80
Environmental II	\$	179.77
Environmental III	\$	222.12
Environmental IV	\$	272.71
Environmental IV	\$	593.37
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	189.68
Field Representative IV	\$	252.90
Construction Manager V	\$	298.79

1. The schedule of hourly rates above is only included for Construction Administration and Closeout services and is not applicable to design and bidding services (completed as lump sum).
2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses. Reimbursement for mileage will be at the IRS-approved standard mileage rate for 2028.

El Paso International Airport**SIDA Ramp Expansion****Project Team Hourly Rate Schedule**

January 1st, 2029 through December 31, 2029

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	404.07
Project Director	\$	388.21
Project Manager	\$	259.72
CIVIL ENGINEER		
Engineer I	\$	132.77
Engineer II	\$	193.69
Engineer III	\$	258.48
Engineer IV	\$	331.29
Engineer V	\$	371.28
ELECTRICAL ENGINEER		
Engineer II	\$	138.63
Engineer III	\$	177.91
Engineer IV	\$	255.69
Engineer V	\$	379.86
PLANNER/AVIATION		
Aviation Planner I	\$	129.30
Aviation Planner II	\$	175.93
Aviation Planner III	\$	255.74
Aviation Planner IV	\$	324.74
Aviation Planner V	\$	336.85
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	133.04
Environmental II	\$	184.26
Environmental III	\$	227.67
Environmental IV	\$	279.53
Environmental IV	\$	608.20
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	194.43
Field Representative IV	\$	259.22
Construction Manager V	\$	306.26

1. The schedule of hourly rates above is only included for Construction Administration and Closeout services and is not applicable to design and bidding services (completed as lump sum).
2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses.
Reimbursement for mileage will be at the IRS-approved standard mileage rate for 2029.

El Paso International Airport**SIDA Ramp Expansion****Project Team Hourly Rate Schedule**

January 1st, 2030 through December 31, 2030

Labor Category	Hourly Rate	
MANAGEMENT		
Project Officer	\$	414.17
Project Director	\$	397.92
Project Manager	\$	266.21
CIVIL ENGINEER		
Engineer I	\$	136.09
Engineer II	\$	198.53
Engineer III	\$	264.94
Engineer IV	\$	339.58
Engineer V	\$	380.56
ELECTRICAL ENGINEER		
Engineer II	\$	142.09
Engineer III	\$	182.36
Engineer IV	\$	262.08
Engineer V	\$	389.35
PLANNER/AVIATION		
Aviation Planner I	\$	132.53
Aviation Planner II	\$	180.32
Aviation Planner III	\$	262.14
Aviation Planner IV	\$	332.86
Aviation Planner V	\$	345.27
ENVIRONMENTAL SPECIALIST		
Environmental I	\$	136.37
Environmental II	\$	188.87
Environmental III	\$	233.36
Environmental IV	\$	286.52
Environmental IV	\$	623.41
CONSTRUCTION MANAGEMENT		
Field Representative III	\$	199.29
Field Representative IV	\$	265.70
Construction Manager V	\$	313.92

1. The schedule of hourly rates above is only included for Construction Administration and Closeout services and is not applicable to design and bidding services (completed as lump sum).
2. The schedule of hourly rates above is only effective for the date range shown. If work is required outside the date range shown, rates are subject to negotiation with the Client.
3. Reimbursement for expenses will be at the cost of the item expenses.
Reimbursement for mileage will be at the IRS-approved standard mileage rate for 2030.

BARRAGAN & ASSOCIATES

Land Planning & Land Surveying
(31° 44' 58.14" N 106° 19' 50.72" W)



Date: {{05-22-2025 }}

Job No.: [[EPIA-SIDA RAMP

Location: [[El Paso, TX]]

Description		Units	UOM	Rate	Amount	
Professional						
Expert Witness (Surveying Discipline)	12	2.00	Hour	\$ 250.00	\$ 500.00	
Project Manager	16	2.00	Hour	\$ 120.00	\$ 240.00	
Survey Manager	20	2.00	Hour	\$ 115.00	\$ 230.00	
Project Surveyor	22	2.00	Hour	\$ 95.00	\$ 190.00	
Technical						
Senior Survey Technician	24	2.00	Hour	\$ 100.00	\$ 200.00	
Survey Technician	28	0.00	Hour	\$ 78.00	\$ -	
Field Project Representative	32	2.00	Hour	\$ 75.00	\$ 150.00	
CADD Technician	36	100.00	Hour	\$ 90.00	\$ 9,000.00	
Administrative						
Admin. Assistant	40	2.00	Hour	\$ 45.00	\$ 90.00	
Word Processing/Clerk	44	2.00	Hour	\$ 40.00	\$ 80.00	
GPS Technician						
GPS Crew (Regular Rate)	48	10.00	Hour	\$ 150.00	\$ 1,500.00	
GPS Crew (Overtime Rate)	52		Hour	\$ 110.00	\$ -	
Field Survey Crews						
Two Man (Regular Rate)	56	90.00	Hour	\$ 150.00	\$ 13,500.00	
Two Man (Overtime Rate)	60		Hour	\$ 176.00	\$ -	
Three Man (Regular Rate)	64		Hour	\$ 200.00	\$ -	
Three Man (Overtime Rate)	68		Hour	\$ 300.00	\$ -	
Subtotal Labor					\$ 25,680.00	
Sub Consultants						
Subcontract - Engineer	70		Contract	\$ 100.00	\$ -	
Subcontract - Soil Services/Testing	74			\$ 100.00	\$ -	
Subcontract - Aerial Mapping	78			\$ 100.00	\$ -	
Subcontract - Elect/Mech	82			\$ 100.00	\$ -	
Subcontract - Other	86			\$ 100.00	\$ -	
Subtotal Subs					\$ -	
Direct Costs						
Mileage (Personal Vehicle)	90		mile	\$ 0.585	\$ -	
Mileage (Survey Crew)	94		mile	\$ 0.88	\$ -	
Reproduction-photocopies	98		each	\$ 0.11	\$ -	
Reproduction-Blacklines	102		each	\$ 5.00	\$ -	
Reproduction-Bond	106		each	\$ 7.00	\$ -	
Reproduction-Vellum	110		each	\$ 9.00	\$ -	
Reproduction-Mylars	114		each	\$ 12.00	\$ -	
Legal Research/Title Commitment	118		(by Client)	\$ -	\$ -	
Postage/Delivery	122			\$ -	\$ -	
Supplies	126			\$ -	\$ -	
Telephone/Cell Phone	130			\$ -	\$ -	
Meals & Lodging	134			\$ -	\$ -	
Travel	138			\$ -	\$ -	
GPS Time	142			\$ -	\$ -	
Line Spots	146			\$ 80.00	\$ -	
Lidar - scanner	148				\$ -	
Misc.....					\$ -	
Subtotal Non Labor					\$ -	
Total * All					\$ 25,680.00	
If Lump Sum or NTE, Add 10%					0.00	
Total * All					\$ -	
Subtotal					\$ 25,680.00	
Rate					0.00%	
Texas Taxes					\$ -	
Proposal Total					\$ 25,680.00	

Taxable Amount: \$ 25,680.00



{{ Revised: }}

Barragan And Associates Inc.

10950 Pellicano Dr., Building "F", El Paso, Texas 79935 Ph. (915) 591-5709 Fax (915) 591-5706

May 22, 2025

Ana Lopez, P.E.
RS&H
13750 San Pedro Ave. Suite 300
San Antonio, TX 78232
Tel: 210301-4826
samcreynolds@GarverUSA.com

Re: El Paso International Airport – EPIA SIDA Ramp– Topographic Survey

Ana Lopez

In response to your request, we are pleased to submit this letter which constitutes our proposal for the desired surveying services for the subject project. The scope of services for this project is described by the following outline and as per your instructions:

Scope of services

Perform a Topographic Survey within EPIA – SIDA Ramp (as shown on sketch provided by RS&H). The services/information include the following.

TOPOGRAPHIC SURVEY

- Provide cross section/ topographic survey of the proposed pavement areas at **approximately 50' intervals.**
- All foot contours shall be interpolated and shown on the survey drawings and electronic files. All foot contours shall be defined as three (3) dimensional elements) and have the appropriate contour elevation definition. The contours shall take into account all faults, break lines, etc.
- All pavement grades shall be measured to the nearest hundredth of a foot and ground shots to the nearest tenth of a foot.
- Establish Taxiway centerlines.
- Survey limits of paving, taxiway edges, shoulder limits, concrete joint locations, and transitions between pavement sections.
- Coordinate utility locates. (Call One Call)
 - Existing visible aboveground utility structure and markers shall be located
- Survey all taxiway and apron pavement markings within the survey limits.
- Survey all taxiway edge lights with notation as to whether fixtures are elevated or flush mounted.
- Survey all taxiway signs within the survey limits. Lights pull boxes pole location and foundation corners.
- Accurately locate any inlets, outfalls, manholes, utilities, signs, surface expressions of underground conduits, valves, meters, fire hydrants, etc. which are within the survey limits and provide top, bottom and invert elevation for each structure. Locate the next connecting structure for each type of utility outside the survey limits identified and provide the same data.

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- Pipe sizes entering and exiting all structures shall be accurately noted. If drainage structures are outside the envelope of the survey, the Surveyor shall move outside the survey limits and obtain all necessary data on the drainage system.
- All field notes shall be reduced and checked for allowable survey tolerances before being transmitted to the engineer for design.

PROJECT CONTROL

- A professional licensed land surveyor will be responsible for all surveying services.
- Project control shall be established to meet the existing Airport survey datum.
- Provide three (3) horizontal and vertical control points for the project area within 1000 feet of project site.
- Provide three (3) permanent benchmarks within the survey limits. Set the benchmarks using a recorded closed loop on established control points. Benchmarks shall be mapped and provided in a table of coordinates with elevations.
- We will provide copies of vertical control level loop notes.

SCHEDULE

- We will coordinate with the Consultant and the Airport.
- Survey Crew will be on site during scheduled work periods and may not leave the site until the scheduled end of shift without prior approval by the Consultant.
- Deliverables need to be submitted within **4-5 weeks** of issuing NTP.

DELIVERABLES

1. Electronic Survey information will be provided in a compatible AutoCAD 2024 format and a signed and sealed .PDF of survey information by a registered land surveyor in the State of Texas. The electronic drawings shall be in State Plane Coordinate System.
 - a. Drawing shall accurately depict all topographic and planimetric features in the defined area indicating X, Y, and Z coordinates, point numbers, and point descriptions.
 - b. We will provide a layer report detailing layer name, layer color, layer linetype and a description of the layer.
 - c. Surface model files shall be submitted in a file supported by standard civil design software (.XML, .DTM, or .DEM).
 - d. We will submit point data as a comma delineated .TXT file, (Point, Northing, Easting, Elevation, and Description).
 - e. The computer generated reference points for this survey shall be identical to those of previous surveys so that previous surveys can be referenced into this survey file and the surveys match. (if possible since most control points are usually gone)
2. We will provide copies of field sketches and photos of the defined area.
 - a. All sketches should include a North arrow on each page.
 - b. All improvements shall be clearly and accurately labeled with descriptions and point numbers.
 - c. Sketches should include inverts (with point numbers) of all utilities including the

Barragan And Associates Inc.

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type and size of structure, pipe size, pipe type and direction of pipes.

3. As-built survey that conforms to FAA AC 150/5300-18B *General Guidance and Specifications for Submission of Aeronautical Surveys To NGS: Field Data Collection And Geographic Information System (GIS) Standards*

4.

AIRPORT SAFETY REQUIREMENTS

- Comply with all federal, state, local, and airport requirements for work performed within aircraft operation areas and controlled areas.
- Survey crew shall be familiar and adhere to the requirements set forth in Advisory Circular 150/5370-2, "Operational Safety on Airports during Construction", latest edition.
- We will coordinate with the owner for security/clearance procedures prior to conducting the survey.

NOTES:

1. Barragan and Associates Inc. will try to obtain plan records and locate field utilities; but will not be liable to unknown records, unknown visible utilities or available recorded utilities that are not provided to us.

2. Our team does not have any badges. We need the EPIA to provide us with an escort.

"Exemptions"

The following is excluded unless otherwise requested; ALTA/ACSM Land Title Survey, Boundary Survey, Title commitment, representation through the Federal, State, City and County agencies, submittal fees, soils testing and investigation, elevation certificate, recording fees, **Boundary Survey, Construction Staking** and any other item not specifically listed in the above Scope of Services.

Barragan & Associates, Inc. proposes the above scope of work in the amount of **\$25,680.00 no tax**. If this proposal meets with your approval, please indicate acceptance by signing in the space provided below and returning one signed copy to us. We appreciate the opportunity to submit this proposal and hope to work with you on this project. If you have any questions, please call us.

Sincerely

Daniel Barragan
dbarragan@bnainc.net

Authorization to Proceed:

Accepted By: _____
Date: _____



CQC Testing and Engineering, L.L.C.
EPIA SIDA Airport Ramp Extension Project
Geotechnical and Materials Testing Services - Unit Rate Fee Schedule
CQC Proposal No. PGCQC25-042

A. PROFESSIONAL SERVICES	<u>Unit Rates*</u>
1. Principal Engineer	\$136.00 /hr.
2. Senior Geotechnical Project Engineer	\$125.00 /hr.
3. Project Engineering Manager	\$110.00 /hr.
4. Project Engineer	\$100.00 /hr.
5. Project Engineer, EIT	\$70.00 /hr.
6. Senior Geologist, P.G.	\$118.00 /hr.
7. Geologist	\$85.00 /hr.
8. Laboratory and Field Manager	\$78.00 /hr.
9. Senior Technician	\$75.00 /hr.
10. Field and Laboratory Technician - Level I	\$45.00 /hr.
11. Field and Laboratory Technician - Level II	\$56.00 /hr.
12. Field and Laboratory Technician - Level III	\$64.00 /hr.
13. Field and Laboratory Technician - Level IV	\$72.00 /hr.
14. Field and Laboratory Technician - Level V	\$78.00 /hr.
15. Project RPR Inspector	\$90 - 115.00 /hr.
16. Certified Erected Steel Field Welds Observation Inspector-CWI	\$95- 135.00 /hr.
17. Certified Welds Observation Inspector-CWI, Level II, UT	\$110 - \$135.00 /hr.
18. Drafting Technician	\$53.00 /hr.
19. Sr. Administrative Assistant	\$60.00 /hr.
20. Clerical	\$46.00 /hr.
21. Sub-Consultant Services (As Requested for Special Tasks)**	At Cost plus 11%

** - (i.e., GPR Scanning, Roofing, Welds, Paint & Primer, Mechanical, Electrical, Surveying Services and Other Special Tasks)

* Note: (1) - OT charges beyond normal working hours and holidays shall be billed at 1.25% times the normal rates, if approved.

(2) - Outside Services and reimbursables will be billed at Cost + 11%

(3) - Professional Services Labor Rates shall be applied when unit rates for testing do not apply and only if approved by Client.

B. GEOTECHNICAL DRILLING AND FIELD EVALUATION SERVICES

	<u>Unit Rates</u>
1. Standard Auger Drilling Rig Soil Borings with S.S. Sampling	\$14.50 - 18.00 /ft.
2. Auger Drilling Rig Soil Borings with Sampling from Auger Flights	\$10.00 - 12.50 /ft.
3. Drilling with All Terrain Track Drill Rig	\$18.50 - 35.00 /ft.
4. Air Rotary or Mud Rotary Drilling	\$35.00 - 55.00 /ft.
5. NW Rock Coring and Sampling	\$75.00 - \$85.00 /ft.
6. Split Spoon Testing and/or Texas Cone Penetrometer Testing	\$22.00 /ea.
7. Shelby Tube Sample	\$35.00 /ea.
8. DCP Tests	\$120.00 /ea.
9. Soil Percolation Tests, ea. (10 feet max.)	\$850.00 /ea.
10. Hand Auger Borings, per hr.	\$120.00 /hr.
11. Concrete or HMA Coring, ea.	\$196.00 /ea.
12. Concrete or HMA Patch, ea.	\$25.00 /ea.
13. Coring Equipment	\$110.00 /day
14. Generator Charge, per day	\$90.00 /day



CQC Testing and Engineering, L.L.C.
EPIA SIDA Airport Ramp Extension Project
Geotechnical and Materials Testing Services - Unit Rate Fee Schedule
CQC Proposal No. PGCQC25-042

	<u>Unit Rates</u>
15. DCP and Hand Auger Charge, per day	\$190.00 /day
16. Installation of Monitoring Wells or Piezometer Wells	At Cost +11%
17. Local Auger Drill Rig and Crew Mob., within city limits	\$350.00 - \$600.00 /ea.
18. Out of Town Track Drilling Rig Mob.	At Cost +11%
19. Out of Town Per Diem, per person	\$36.00 - \$55.00 /day
20. Material Supply Costs and Equipment Rental, if required	At Cost +11%
21. Support Vehicle, within city limits	75.00 /day
22. Vehicle Mileage (Indicated rate or current approved City of El Paso rate)	0.655 /mile
23. Borehole Grouting, up to 10 feet from bgs.	\$12.00 /foot
24. Misc. Drilling Costs (Drilling Fluids Disposal, Borehole Abandoning, Sample Boxes, Full Boring Depth Grouting, Lodging).	At Cost +11%
25. Traffic Control Costs	At Cost +11%

C. LABORATORY and FIELD CONSTRUCTION MATERIALS TESTING SERVICES

	<u>Unit Rates</u>
<u>SOIL SAMPLING AND TESTING</u>	
1. Vehicle Trip Charge, within city limits, does not include tech travel time.	\$55.00 - \$85.00 /trip
2. Moisture/Density Relationship (Methods: ASTM D698/1557) including Lab Soil Sample Preparation, Molding, M-D Curve, Reporting 1/2 hr. of on site tech time for sampling and reporting	\$295.00 /ea.
3. TXDOT - M/D Relationship (Methods: TEX 113-E/ 114-E) including Lab Soil Sample Preparation, Molding, M-D Curve, Reporting 1/2 hr. of on site tech time for sampling and reporting	\$295.00 /ea.
4. Atterberg Limits Test - Plasticity Index, only test if required	\$65.00 /ea.
5. Soil Sieve Analysis, only test if required	\$85.00 /ea.
6. Hydrometer Analysis of Fine Soils	\$185.00 /ea.
7. TXDOT Linear Bar Shrinkage Test, TEX 107 E	\$85.00 /ea.
8. TXDOT Wet Ball Mill Test, TEX 107 E	\$240.00 /ea.
9. Soil Moisture Content Test, Method: ASTM D2216	\$13.50 /ea.
10. Field Density Tests - 3 min. per trip (Method: Nuclear Density Gage); includes 1 hr. of on-site tech-time for testing, reporting, Stand by time shall be applied at the applicable rate after 1 hour.	\$34.00 /ea.
11. Sand Cone In-Place Density Test, 3 min. per trip	\$70.00 /ea.
12. Laboratory Soil California Bearing Ratio Test, 2 pt.	\$350.00 /ea.
13. Soil Consolidation Test, Method: ASTM D2434	\$650.00 /ea.
14. One Dimensional Swell Test, Method ASTM D4546	\$185.00 /ea.
15. Permeability Test, Flexible Wall (Triaxial), Method: ASTM D5084.	\$550.00 /ea.
16. Laboratory Soil pH and Electrical Resistivity Test	\$125.00 /ea.
17. Soil Unconfined Compressive Strength Test	\$85.00 /ea.
18. Soil Direct Shear Test, 3 points	\$550.00 /ea.
19. Bar Linear Shrinkage of Soils, TEX 107-E	\$60.00 /ea.
20. Sand Equivalent Test, TEX 203-F	\$85.00 /ea.
21. Specific Gravity of Soils and/or Rock Corrections	\$84.00 /ea.
22. TXDOT Triaxial Compression Test, TEX 117 E	\$1,650.00 /ea.

CONCRETE SAMPLING AND TESTING

Unit Rates



CQC Testing and Engineering, L.L.C.
EPIA SIDA Airport Ramp Extension Project
Geotechnical and Materials Testing Services - Unit Rate Fee Schedule
CQC Proposal No. PGCQC25-042

23. Vehicle Trip Charge, within city limits, does not include tech travel time.	\$55.00 - \$85.00 /trip
24. Concrete Compressive Strength Testing: 5 concrete cylinders per set (Includes: 1 hr. tech-time, slump, temperature, reporting, additional tech stand by time applied after 1 hour).	\$275.00 /set
25. Air Content and Additional Slump Tests, (does not include additional tech-time, stand-by time, if required).	\$24.00 /ea.
26. Additional Cylinder Samples	\$22.00 /ea.
27. Unit Weight and Yield Tests	\$60.00 /ea.
28. Concrete Mix Designs	As Requested
29. Concrete Beams Flexural Strength Tests (Beams) 4 min. per trip (Includes: 1 hr. tech-time, slump, temperature, pick-up, reporting, additional tech stand by time applied after 1 hour).	\$85.00 /ea.
30. Concrete Rebound Hammer Test, Does not include Tech Time or Trip Charge	\$70.00 /ea.
31. Floor Flatness / Levelness Testing	\$1,200.00 /day
32. Floor Flatness Equipment Rental	\$500.00 /day
33. Windsor Probe	\$140.00 /ea.

ASPHALTIC-CONCRETE MATERIALS SAMPLING AND TESTING**Unit Rates**

1. Vehicle Trip Charge, within city limits, does not include tech travel time.	\$55.00 - \$85.00 /trip
2. Asphaltic-Concrete (AC) Extraction, Gradation, Bitumen Content, Marshall Stability & Flow Lab Testing and reporting.	\$310.00 /ea.
3. Superpave Gyratory Compacted AC Samples	\$55.00 /ea.
4. AC Maximum Theoretical Specific Gravity Lab Test (Rice)	\$97.00 /ea.
5. AC Material Sample Pick-Up, Min. 1 hour of on site tech time	\$75.00 /hr.
6. AC Mat Surface Density Tests - 3 min. per trip (Nuclear Density Gage); includes 1 hr. of on-site tech-time for testing, reporting, Stand by time shall be applied at the applicable rate after 1 hour.	\$34.00 /ea.
7. Coring of Asphaltic Concrete, Determine Thickness & Density 3 cores minimum per trip and reporting.	\$90.00 /ea.
8. Senior Technician time for Material Supplier Plant Observation and Evaluation of Supplied HMAC Materials (Rolling Patterns)	\$75.00 /hr.
9. Indirect Tensile Strength of HMAC Samples, 3 minimum, 1 hour of tech lab time and reporting.	\$70.00 /ea.
10. Hamburg Wheel-Tracking Test, TEX 242-F	\$650.00 /ea.

MORTAR AND GROUT SAMPLING AND TESTING**Unit Rates**

1. Vehicle Trip Charge, within city limits, does not include tech travel time.	\$55.00 - \$85.00 /trip
2. Grout Prisms Compressive Strength Testing: 4 prisms per set (Includes: 1 hr. tech-time, slump, temperature, pick-up charge, reporting, additional tech stand by time applied after 1 hour).	\$275.00 /set



CQC Testing and Engineering, L.L.C.
EPIA SIDA Airport Ramp Extension Project
Geotechnical and Materials Testing Services - Unit Rate Fee Schedule
CQC Proposal No. PGCQC25-042

Unit Rates

- | | |
|---|---------------|
| 3. Mortar Cubes Compressive Strength Testing: 3 cubes per set
(Includes: 1 hr. tech-time, temperature, pick-up charge, reporting, additional tech stand by time applied after 1 hour). | \$265.00 /set |
| 4. Compressive Strength of Masonry Units, per block | \$85.00 /ea. |
| 5. Absorption of Masonry Units, per block | \$53.00 /ea. |
| 6. Mortar / Grout Mix Designs | As Requested |

AGGREGATES SAMPLING AND TESTING**Unit Rates**

- | | |
|--|-------------------------|
| 1. Vehicle Trip Charge, within city limits, does not include tech travel time. | \$55.00 - \$85.00 /trip |
| 2. Gradation | \$85.00 /ea. |
| 3. Soundness, 5 cycles - Sodium or Magnesium | \$230.00 /ea. |
| 4. LA Abrasion | \$275.00 /ea. |
| 5. Degradation of Coarse Aggregates by Micro-Deval Abrasion | \$290.00 /ea. |
| 6. Specific Gravity and Absorption | \$95.00 /ea. |
| 7. Clay Lumps/Friable Particles and/Organic Impurities | \$70.00 /ea. |
| 8. Flat/Elongated Particles | \$70.00 /ea. |
| 9. Fractured Face Count | \$70.00 /ea. |
| 10. Determining Chloride and Sulfate Content in Soils | \$125.00 /ea. |

D. OTHER TECHNICAL PROFESSIONAL SERVICES**Unit Rates**

- | | |
|--|-----------------------|
| 1. "Call-Out" Basis - Site Steel Welding Observations - Certified Technician (CWI) Steel and Weld Observations, min. 4 hours per trip (Does not include equipment/rental such as scissor lifts or NDT Testing, if required). | \$95- 120.00 /hr. |
| 2. "Call-Out" Basis - Ultrasonic Testing - Certified Technician Steel and Weld Observations, min. 8 hours per trip (Does not include equipment/rental such as scissor lifts). | \$110 - \$135.00 /hr. |
| 3. Soil Percolation Tests (does not include pipe costs, drilling or soil classification). Max. depth 10 feet. | \$500.00 /ea. |
| 4. Seismic Refraction and Ground Penetrating Radar Evaluations | At Cost + 10% |
| 5. Deep Foundation Drilling and Placement Observation and Inspections. | \$85.00 /hr. |
| 6. Pier or Auger Cast Pile Load Test Observations and Evaluation | \$85.00 /hr. |
| 7. Grout Flow Testing | \$22.00 /ea. |
| 8. Placement Observation and Testing of Engineering Fill Materials | \$72.00 /hr. |

E. OTHER INDIRECT COSTS

- | | |
|--|--|
| 1. Other Costs (Special Testing, Shipping, Rental or Equipment Insurance, etc.) | At Cost +11% |
| 2. Project Administration Fee: Includes; Clerical Time, Report Reproduction and Mailing Costs, <u>5.5%</u> of earned fee shall be applied to each invoice. | <u>5.5%</u> Applied to Each Issued Invoice |

Charges will be assessed only for actual tests performed and services rendered. This proposal does not include services conducted on Sundays, Saturdays or holidays or not within regular working hours (8:00 am to 5:00 pm) from Monday through Friday. Our services on Sundays, Saturdays or holidays, or not within working hours will be invoiced at 1.25 times the unit rates presented within this fee schedule.

HOURLY RATE SCHEDULE			
SPECIFIED RATE			
LS payments are based upon the Table of Deliverables (TOD) as identified in the TASK ORDER (TO)			
PROVIDER NAME:	Omega Engineers, Inc.		
DIRECT LABOR			
LABOR/STAFF CLASSIFICATION	YEARS OF EXPERIENCE	HOURLY BASE RATE	HOURLY CONTRACT RATE
Project Manager - PS&E ID	10+	\$110.00	\$271.33
Deputy Project Manager	10+	\$95.00	\$234.33
Technical Advisor - Senior	20+	\$112.50	\$277.50
Quality Manager	10+	\$90.00	\$222.00
Engineer (Senior)	15+	\$88.78	\$218.99
Engineer (Project) - Senior	15+	\$79.43	\$195.93
Engineer (Project)	10 to 15	\$68.93	\$170.03
Engineer (Design)	5 to 10	\$60.00	\$148.00
Engineer (Structural) - Senior	15+	\$90.00	\$222.00
Engineer (Structural)	5 to 15	\$70.00	\$172.67
Engineer (Traffic) - Senior	15+	\$90.00	\$222.00
Engineer (Traffic)	5 to 15	\$62.50	\$154.17
Engineer (Bridge) - Senior	15+	\$90.00	\$222.00
Engineer (Bridge)	5 to 15	\$70.00	\$172.67
Engineer (Hydraulic) - Senior	15+	\$86.10	\$212.38
Engineer (Hydraulic)	5 to 15	\$66.50	\$164.03
Engineer (Utilities) - Senior	15+	\$69.00	\$170.20
Engineer (Utilities)	5 to 15	\$60.00	\$148.00
Engineer-In-Training	0 to 5	\$43.50	\$107.30
Engineer Technician - Senior	15+	\$48.91	\$120.64
Engineer Technician	5 to 15	\$38.06	\$93.88
Engineer Technician - Junior	0 to 5	\$31.73	\$78.27
CADD Operator - Senior	15+	\$46.24	\$114.06
CADD Operator	5 to 15	\$33.47	\$82.56
CADD Operator - Junior	0 to 5	\$28.37	\$69.98
GIS Manager - Senior	15+	\$50.00	\$123.33
GIS Operator - Senior	15+	\$50.50	\$124.57
GIS Operator	5 to 15	\$36.00	\$88.80
GIS Operator - Junior	0 to 5	\$33.00	\$81.40
Graphic Designer - Senior	15+	\$48.00	\$118.40
Graphic Designer	5 to 15	\$40.00	\$98.67
Public Information Specialist	0 to 5	\$38.00	\$93.73
Public Involvement Officer - Senior	15+	\$64.00	\$157.87
Public Involvement Officer	5 to 15	\$60.00	\$148.00
Public Involvement Officer - Junior	0 to 5	\$32.00	\$78.93
Public Involvement Specialist - Senior	15+	\$64.00	\$157.87
Public Involvement Specialist	5 to 15	\$50.00	\$123.33
Public Involvement Specialist - Junior	0 to 5	\$32.00	\$78.93
Visualization 3D Manager	15+	\$80.00	\$197.33
Visualization 3D Modeler	5 to 10	\$54.00	\$133.20
Visualization 3D Graphic Photoshop Artist	0 to 5	\$38.50	\$94.97
Visualization 3D Specialist - Senior	15+	\$80.00	\$197.33
Visualization 3D Specialist	5 to 15	\$46.00	\$113.47
Hydrologist - Senior	15+	\$86.10	\$212.38
Hydrologist	5 to 15	\$65.00	\$160.33
Scheduler - Senior	15+	\$78.00	\$192.40
Scheduler III	5 to 10	\$47.00	\$115.93
Utilities Coordinator - Senior	15+	\$69.00	\$170.20
Utilities Coordinator		\$50.00	\$123.33
Utilities Field Inspector - Senior	15+	\$55.00	\$135.67
Utilities Field Inspector		\$43.00	\$106.07
Administrative/Clerical		\$29.44	\$72.62
INDIRECT COST RATE:	114.50%		
PROFIT RATE:	11.00%		
Contract rates include labor, overhead, and profit.			
All rates are negotiated rates and are not subject to change or adjustment.			
Specified Rate Payment Basis - Contract rates to be billed. Documentation of hours must be maintained and is subject to audit.			
Lump Sum Payment Basis - Invoice by deliverable, according to the TOD. A copy of the TOD shall be included with each Invoice Package and is payable by each deliverable and line item as identified in the TOD. Partial payments of line item are not allowed. Documentation of			
Note: Any direct labor, unit cost, or other direct expense classification included in the contract, but not in a work authorization, is not eligible for payment under that work authorization.			



4606 Titanic Avenue
El Paso, Texas 79904
Ph. (915) 771-7766
Fx. (915) 771-7786

Construction Materials Testing
Geotechnical Engineering
Environmental Site Assessments
Forensic Analysis /Testing
www.cqcengqat.com

June 27, 2025



RS&H, Inc.

13750 San Pedro Avenue, Suite 300
San Antonio, Texas 78232

Attn.: Ms. Ana Lopez, P.E.
Engineer, Aviation

Re: Proposal for General Geotechnical Subsurface Soils Evaluation
El Paso International Airport SIDA Ramp Extension Project
El Paso, El Paso County, Texas
CQC Proposal No. PGCQC25-042

Dear Ms. Lopez:

In response to your request, CQC Testing and Engineering, L.L.C. (CQC) is pleased to provide **RS&H, Inc. (Client)** with this proposal to conduct a general geotechnical subsurface soils evaluation for the above referenced project. We thank you for providing our firm an opportunity to provide professional geotechnical consulting services on this El Paso International Airport improvements project. This proposal presents our understanding of the project, our proposed scope of services, our estimated lump sum fee, and our standard terms and conditions associated with our requested geotechnical services on this project.

I. General Project Description

Based on general information and the scope of services for the EPIA SIDA Ramp Expansion provided by our Client, we understand that the proposed project shall consist of the design and construction of a new ramp extension north of Taxiway U within the El Paso International Airport located at 6701 Convair Road in El Paso, El Paso County, Texas. We understand that a new ramp shall be designed in accordance with Federal Aviation Administration (FAA) guidelines. It is our understanding that a flexible pavement structure shall be preferred by the owner.

The specific objective of our scope of services shall be to generally evaluate the subsurface soil conditions within the general area of the proposed ramp extension, collect subsurface soils information, conduct Standard Penetration Tests (SPT) and provide recommendations for subgrade stabilization and CBR design values to be considered in pavement section analysis. General pavement structure sections shall also be provided based on design aircraft, gross weight and annual departure information provided by our client.

II. General Requested Subsurface Exploration Evaluation

As requested, our general subsurface evaluation shall consist of drilling a total of four (4) vertical subsurface exploration borings within the project site to a maximum depth of 10 feet, each below the existing ground/pavement surface elevations. The borings shall be drilled to the indicated depths or auger refusal, whichever is shallower. The general boring locations are indicated on the attached General Geotechnical Subsurface Exploration Boring Location Aerial Plan, Sheet 1. At the requested boring (C-1/B-1) within the existing paved ramp the pavement shall be cored to identify and log the existing pavement section material types and thicknesses for consideration in cost estimates, new pavement section transitions and design.



In addition, four (4) Dynamic Cone Penetrometer (DCP) tests shall be performed at requested boring locations to measure the apparent bearing resistance and correlated CBR value of the in place earth soil materials to a depth up to 5 feet below the existing ground/pavement surface elevation.

In general, the borings shall be logged in the field by our geotechnical engineering technical staff. If groundwater or water seepage is immediately encountered during our field activities, the depth shall be recorded. Based on our experience of the geohydrology within the El Paso region the static ground water depth within the EPIA property is well over 70 feet below the existing ground surface elevations.

The borings shall be drilled in general accordance with standard procedures using a truck-mounted rotary-drilling rig utilizing hollow stem augers. During our drilling activities SPTs, in accordance with ASTM procedures, shall be collected at discrete depth intervals to the maximum boring depths to estimate the relative field bearing capacity of the subsurface soils. In conjunction with our penetration tests, soil samples shall be collected using conventional split-spoon sampling techniques or as required based on the encountered soil types and conditions.

All collected soil samples from borings shall be properly identified with date, sample location, sample depth and penetration measurements. Representative portions of all obtained samples shall be sealed to prevent moisture loss and transported to our laboratory for further observation and engineering soil classification testing on selected soil samples.

At the completion of our field operations, each boring shall be backfilled with auger cuttings and firmly compacted at the ground surface elevation. Boring B-1 located within the paved area shall be patched with rapid set high strength concrete material to at least the depth of the encountered pavement structure.

We respectfully request that our Client's land surveyor include our exploration core/boring locations within their scheduled survey points, so that we may report ground elevations and coordinates for each exploration boring, if required. CQC shall record and report latitude and longitude coordinates at each final boring location.

Client shall be responsible for coordinating access into to Airport property. We understand that CQC's field crew shall be escorted by EPIA staff and shall remain in control and be present during all coring and drilling operations. CQC also anticipates that EPIA shall provide a trailer mounted portable bathroom during field work activities. All field work activities are expected to be performed during daytime hours and normal business days. CQC shall attend required SIDA training and driving classes, if required EPIA. We anticipate that training may be performed within an 8-hour period once approved to attend training classes. We understand background checks on CQC personnel entering SIDA areas may be required.

We respectfully request that our client provide utility as-built drawings and/or information for the subject project area to reduce the potential of penetrating through underground utilities during our drilling and field activities. CQC shall assist in locating the borings in the field and call Texas811 to request utility locates. However, it should be noted that typically the utility line locators will not mark utility lines within private property. As a result, subsurface exploration borings shall not be performed in areas where utility lines are not appropriately marked or identified in the field to avoid a potential unsafe working condition for our employees. If this condition occurs, CQC shall meet with our Client to review the field conditions and relocate the soil borings, if necessary.

In order to further mitigate the potential of penetrating underground utilities at requested boring or relocated boring locations, limited Ground Penetrating Radar (GPR) scans shall also be performed at the soil boring locations to aid in locating and identifying any existing underground utilities or any other



underground features prior to our subsurface exploration described above. Our GSSI SIR 4000 control unit along with a 2.6 GHz antenna capable to evaluate subsurface anomalies to a depth of up to 5 feet depending on noise disturbance shall be utilized.

Our laboratory engineering soil classification tests shall be limited to soil moisture contents, plasticity index tests, soil particle size analysis tests, soil shrinkage tests, up to three (3) soil moisture-density relationship tests, up to three (3) soil sulfate tests, up to three (3) laboratory soil California Bearing Ratio (CBR) tests, up to two (2) unconfined compressive strength tests, and a single soil cement series test performed in general accordance with applicable ASTM test procedures. Our engineering soil classification laboratory tests do not include chemical analysis of collected soil samples for environmental hazardous material assessment purposes.

III. Soils Evaluation Report and Schedule

At the completion of our soil exploration drilling activities, soil evaluation and engineering soil classification testing, a formal written letter geotechnical report shall be prepared and provided to our Client. Our soils evaluation letter report shall provide a boring location plan, subsurface exploration boring logs, laboratory engineering soil classification test results and geotechnical soil parameters to guide the design of the flexible pavement section in accordance with FAA AC/150 5320-6G circular guidelines.

Our geotechnical report shall also provide considerations related to geology, ground water, frost depth, soil stratigraphy, soil swelling potential, drainage considerations, subgrade stabilization guidelines, pavement section material types in accordance with FAA standards and construction soil preparation, soil compaction and testing recommendations.

We anticipate that we may commence our drilling activities within fifteen (15) working days from our client's written notice to proceed and once all clearances to enter the SIDA areas have been secured. An electronic pre-final review and comment report shall be provided within five (5) weeks after the completion of our field evaluation activities. An electronic PDF copy of the final report shall be provided once comments are received from our pre-final report submittal.

IV. Estimated Lump Sum Fee and Scope of Work Terms

We propose to provide the scope of work defined in this proposal for an estimated lump sum fee of **\$29,967.40**. Our estimated fee anticipates that the site terrain shall be accessible to our truck mounted drilling rig and support vehicles. A break down our estimated fee is attached to this proposal and presented as Exhibit A for our clients review.

Our scope of work under this proposal does not include the following; rental of equipment to grade access to our boring locations, topographic surveying services, delineation of buried materials and/or structures, a groundwater or water seepage study, sink hole study, landslide study, global slope stability of the site, site specific ground motions seismic analysis, dynamic analysis of the soil, preparation of engineering plans, bid specifications, engineering cost estimates, an environmental assessment of the project sites air, soil, water, site fault delineation and evaluation, delineation of subsurface flowing water either on or adjacent to the project site limits, the development of a dewatering plan, development of a trench safety plan, construction materials testing services during construction, an assessment of the potential impacts or distress to existing structures on or adjacent to the project site resulting from construction activities, and directing or controlling the means and methods utilized by contractors during the construction of the project. CQC and our Client shall have no liability for claims resulting from the contractor's selected means and methods of construction.



Our services shall be performed in accordance with the scope of services described in this proposal. By approving this proposal, our Client agrees to retain our services for the above estimated fees and attached Standard Terms and Conditions, Sheet 1 of 1. Our invoices are due and payable at 4606 Titanic Avenue, El Paso, Texas 79904. All parties hereby agree that this agreement upon acceptance will be performable in El Paso County, Texas. This document and any information contained herein shall not be disclosed and shall not be duplicated or used in whole or in part for any purpose other than to evaluate this proposal. This proposal is valid for a period of up to 60 days. CQC reserves the right to reevaluate our proposal beyond the referenced period. Again, we appreciate the opportunity to submit this proposal. Should you have any questions or comments regarding this proposal, please feel free to contact us.

Respectfully Submitted,
CQC Testing and Engineering, L.L.C.
TBPE Firm Registration No. F-10632

Carlos Saucedo, P.E.
Operations Manager / Project Engineer
csaucedo@cqcenggat.com


Jaime Rojas, P.E.
President / Principal Engineer
jrojas@cqcenggat.com

Attachments: 1.) General Geotechnical Subsurface Exploration Boring Location Aerial Plan, Sheet 1
2.) Exhibit A – Geotech Services Fee Estimate, 1 Page
3.) Standard Terms and Conditions, Sheet 1 of 1

Copies: 1.) Above Addressee – 1 copy by e-mail (ana.lopez@rsandh.com)

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General Geotechnical Subsurface Exploration Core & Boring Location Aerial Plan

El Paso International Airport SIDA Ramp Extension Project
6701 Convair Road
El Paso, El Paso County, Texas

Client: RS&H, Inc.

CQC Proposal No. PGCQC25-042

Scale: NTS

Date: 06/27/2025

Check by: JR

Sheet 1



CQC Testing and Engineering, L.L.C.
 4606 Titanic Avenue
 El Paso, Texas 79904
 Ph. (915) 771-7766
 Fx. (915) 771-7786

Construction Materials Testing
 Geotechnical Engineering
 Environmental Site Assessments
 Forensic Analysis/Testing

GEOTECH SERVICES FEE ESTIMATE
El Paso International Airport SIDA Ramp Expansion Project
 Client: RS&H Inc.
 CQC Proposal No. PGCQC25-042
 Effective Date: June 27, 2025

Item No.	I. Project Setup and Administration				
	Professional Labor Description	Qty	Unit	Base Labor Rate	Extension
1	Principal Engineer	5	hr.	\$ 136.00	\$ 680.00
2	Project Engineer	15	hr.	\$ 125.00	\$ 1,875.00
3	Administrative Assistant	3	hr.	\$ 58.00	\$ 174.00
	Section No. I -		Subtotal	\$	2,729.00
	II. Geotechnical Field Work Services				
	Direct Cost (Field Work) Description	Qty	Unit	Rate	Extension
1	Soil Boring - w/Split Spoon and Shelby Tube Sampling, (4 borings to 10 feet, or auger refusal)	8	hr.	\$ 320.00	\$ 2,560.00
2	Drill Crew Technicians - Meetings and Training	20	hr.	\$ 75.00	\$ 1,500.00
3	Drill Crew Mobilization, within City Limits	2	ea.	\$ 400.00	\$ 800.00
4	DCP Tests	4	ea.	\$ 120.00	\$ 480.00
5	DCP Equipment Charge	2	day	\$ 190.00	\$ 380.00
6	Support Vehicle Usage	6	ea.	\$ 75.00	\$ 450.00
7	Staff Engineer Time for coordination, utility verification, logging, soil sample collection and test assigning.	48	hr.	\$ 85.00	\$ 4,080.00
8	Coring Crew and patching	2	hr.	\$ 176.20	\$ 352.40
9	Coring Equipment and Bit Cost (12 inch diameter and up to 24 inch long barrel)	1	ls.	\$ 2,800.00	\$ 2,800.00
10	Generator Usage Charge	1	day	\$ 85.00	\$ 85.00
11	Core Hole Patching, greater than 6 inches	1	ea.	\$ 85.00	\$ 85.00
12	Borehole Grouting (Bentonite Chips)	12	ft.	\$ 12.00	\$ 144.00
13	GPR Scanning	1	ls	\$ 1,500.00	\$ 1,500.00
	Section No. II -		Subtotal	\$	15,216.40
	III. Laboratory Engineering Soil Classification Testing Services				
	Laboratory Test Description	Qty	Unit	Rate	Extension
1	Soil Moisture Contents	20	ea.	\$ 13.50	\$ 270.00
2	Atterberg Limits Test	12	ea.	\$ 65.00	\$ 780.00
3	Soil Sieve Analysis Test	16	ea.	\$ 85.00	\$ 1,360.00
4	Bar Linear Shrinkage Test	2	ea.	\$ 85.00	\$ 170.00
5	Soil Sulfate Tests	3	ea.	\$ 95.00	\$ 285.00
6	Soil Unconfined Compressive Strength Test	2	ea.	\$ 85.00	\$ 170.00
7	Soil Cement Series	1	ea.	\$ 1,100.00	\$ 1,100.00
8	Laboratory California Bearing Ratio Soil Test, 2 pt	3	ea.	\$ 350.00	\$ 1,050.00
9	Soil Moisture-Density Relationship Test	3	ea.	\$ 295.00	\$ 885.00
	Section No. III -		Subtotal	\$	6,070.00
	IV. Professional Technical Evaluation, Analysis and Geotechnical Report Preparation Services				
	Labor Description	Qty	Unit	Base Labor Rate	Extension
1	Staff Engineer	12	hr.	\$ 85.00	\$ 1,020.00
2	Principal Engineer	6	hr.	\$ 136.00	\$ 816.00
3	Project Engineer	32	hr.	\$ 125.00	\$ 4,000.00
4	Clerical	2	hr.	\$ 58.00	\$ 116.00
	Section No. IV -		Subtotal	\$	5,952.00
	Subtotal of Items I through IV				\$ 29,967.40
	Estimated Geotechnical Services Fee				\$ 29,967.40

Standard Terms and Conditions

1. **Performance of Services:** Consultant (CQC Testing and Engineering, L.L.C.) shall perform the service outlined in the attached proposal number **PGCQC25-042** in consideration of the stated service fees and payment terms.

Project Name: EPJA Airport SIDA Ramp Extension Project

Client Name: RS&H, Inc.

2. **Invoicing and Payment:** The Client agrees to pay Consultant for the scope of services described in the referenced proposal. Invoices for the Consultant services will be submitted either at the completion of the project or on a monthly basis. Invoices shall be due and payable upon receipt. Accounts unpaid 30 days after the invoice date will be subject to monthly service fees of 1.5% per month, or the maximum legal rate, whichever is greater, on the unpaid balance. Accounts unpaid after 90 days after the invoice date may be subject to collection action and the Client shall pay all costs of collection, including reasonable attorneys' fees and clerical costs. If the client fails to make payment in accordance with the payment terms herein, this shall constitute a material breach of this Agreement and shall be cause for termination of this agreement by Consultant. Payments of invoices shall not be subject to any discounts or set-off by the Client, unless agreed to in writing by Consultant. Payment to Consultant for services rendered and expenses incurred shall be due and payable regardless of any subsequent suspension or termination of this Agreement by either party.
3. **Indemnification:** The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Consultant, his or her officers, directors, employees, agents, and sub-consultants from and against all damage, liability and cost, including reasonable attorneys' fees and defense cost, arising out of or in any way connected with the performance of the services under this Agreement, excepting only those damages, liabilities and costs attributable to the sole negligence or willful misconduct of the Consultant.
4. **Limitation of Liability:** In recognition of the relative risks and benefits of the Project to both the client and Consultant, the risks have been allocated such that the client agrees, to the fullest extent permitted by law, to limit the liability of Consultant to the client for any and all claims, losses, costs, damages or any nature whatsoever or claims expenses from any cause of causes, including attorneys' fees and costs and expert-witness fees and costs, so that the total aggregate liability of the Consultant to the Client shall not exceed \$1,000,000.00 for services rendered on the project. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.
5. **Standard of Care:** In providing services under this Agreement, the consultant will endeavor to perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing in the same region under similar circumstances. Consultant makes no warranty; expressed or implied, as to its professional services rendered under this Agreement.
6. **Governing Law and Jurisdiction:** The Client and Consultant agree that this Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of El Paso County, State of Texas.
7. **Dispute Resolution:** In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the Client and Consultant agree that all disputes between them arising out of or relating to this agreement or the Project shall be submitted to non-binding mediation unless the parties mutually agree otherwise.
8. **Certificate of Merit:** The Client shall make no claim for professional negligence, either directly or in a third-party claim, against Consultant unless the client has first provided the Consultant with a written certification executed by an Independent Consultant currently practicing in the same discipline as Consultant and licensed in the State of Texas. This certification shall: a) contain the name and license number of the certified; b) specify each and every act or omission that the certified contends is a violation of the standard of care expected of a Consultant performing professional services under similar circumstances; and c) state in detail the basis for the certifier's opinion that each such act or omission constitutes such a violation. This certificate shall be provided to the Consultant not less than 30 days prior to the presentation of any claim or the institution of any binding arbitration or judicial proceeding.
9. **Ownership of Documents:** All reports, drawings, specifications, computer files, field data, notes and other documents and instruments prepared by the Consultant as instruments of service shall remain the property of the Consultant. Consultant shall retain all common law; statutory and other reserved rights, including the copyright thereto.
10. **Right of Entry:** The Client shall provide for the Consultant's right to enter the property owned by the Client and/or others in order for the Consultant to fulfill the Scope of Services included hereunder. Although Consultant will exercise reasonable care in performing its services, the Client understands that use of testing or other equipment may unavoidably cause some damage. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Consultant, its officers, directors, employees and sub-consultants (collectively, Consultant) against any damages, liabilities or costs, including reasonable attorney's fees and defense costs, arising or allegedly arising from procedures associated with testing or investigation activities or connected in any way with the discovery of hazardous materials of suspected hazardous materials on the property.
11. **OSHA Regulations:** Please note that our services do not include the observation, review and/or providing documentation of excavation condition depths and/or means and methods utilized by the general contractor and/or subs to perform the contractual scope of work required for this project. It is the general contractor's responsibility to assign a "competent" person to perform all necessary daily observations, documentation and reporting of all excavations and/or earthwork operations on the project per the current Occupational Safety and Health Administration (OSHA) regulations. CQC shall have no liability for the contractor's selected means and methods to perform the contractual scope of work under this contract.
12. **Underground Improvements:** The client will furnish Consultant information identifying the type and location on the site of underground improvements. The Client further agrees, to the fullest extent permitted by law, to indemnify and hold harmless Consultant its officers, directors, employees, and sub-consultants (collectively, Consultant) against any damages, liabilities or costs, including reasonable attorney's fees and defense costs arising or allegedly arising from subsurface penetration on the project site of from inaccuracy or incompleteness of information provided to the Consultant by the Client, except for damages caused by the sole negligence of the consultant.
13. **Scope of Services:** The Client agrees to the Scope of Services outlined in the referenced proposal. Services not set forth in the referenced proposal are excluded from the scope of Consultant services. Consultant assumes no responsibility to perform any services not specifically listed in the referenced proposal.

Client Authorized Signature: _____ **(Print Name/Title)** _____

June 27, 2025

RS&H
13750 San Pedro Ave, Suite 300
San Antonio, Texas, 78323

Attn: Mrs Ana Lopez, P.E.
Aviation Engineer

Re: Solicitation No.2025-0417R Architect and Engineering Services for El Paso International Airport
SIDA Ramp Expansion.

Dear Mrs. Lopez:

In response to your request, Omega Engineers, Inc., is pleased to present to RS&H our proposal for Professional Engineering Services for Permitting and Utilities coordination services for the above-referenced project. The following is our Scope of Work and Fee associated with the proposed SIDA Ramp Expansion project.

Sincerely,

Antonio Ramirez, PE
Project Manager
8200 N. Mopac Expressway, Suite 280
Austin, Texas 78759
(737) 208-1667
aramirez@omegaengineers.com

SUB-CONSULTANT SOW & FEE PROPOSAL

El Paso International Airport



SIDA Ramp Expansion Design and Bidding Phase Services

PROJECT PROPOSAL / SCOPE OF SERVICES

Omega Project No: _____



OMEGA ENGINEERS, INC

8200 N. Mopac
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TBPE Registration. No. F-2147

PROJECT PROPOSAL / SCOPE OF SERVICES

This scope of services describes the services to be provided by Omega Engineering, Inc. (“Omega” or “Consultant”) to the El Paso International Airport (“EPIA” or “Client”) for professional Engineering Services for Permitting and Utilities coordination services of the SIDA Ramp Expansion (“Project”) in the City of El Paso, Texas (“City”). The proposed fee for this Project is as shown in Attachment B.

1. Project Description

The project generally consists of the scope elements listed below. The project scope elements and project limits of the site are as depicted in Figure 1.

- ➔ Ramp Expansion of approximately 23,957 square yards of aircraft rated asphalt pavement – shown in yellow in Figure 1



Figure 1 – SIDA Ramp Expansion Approximate Limits

OMEGA Engineers, Inc has been tasked with Professional Engineering for Permitting and Utilities coordination Services

The Project consists of the following components:

- ➔ General coordination
- ➔ Project phasing
- ➔ Safety and security
- ➔ Dimensional control plan
- ➔ Boring layout plan
- ➔ Site Plan

- ➔ Existing conditions and demolition requirements
- ➔ Geometric layout of proposed ramp pavements
- ➔ Pavement profiles and cross sections
- ➔ Paving plan and elevation grids
- ➔ Site grading and drainage
- ➔ Drainage area maps
- ➔ Drainage calculations (excluding modeling)
- ➔ Pavement markings and taxiway lighting and signage
- ➔ Erosion control and Stormwater Pollution Prevention (“SWPPP”) Best Management Practices (“BMPs”)
- ➔ Restoration of disturbed limits of the site
- ➔ Project details and element descriptions
- ➔ Site-specific Construction Safety Phasing Plan (“CSPP”)
- ➔ Site-specific Construction Management Plan (“CMP”)
- ➔ Permit Coordination
- ➔ FAA and Tenant Coordination

The known utilities in the project area are a communication fiber optic line, a power line, and a storm sewer pipe. The Airport will provide record drawings showing the location of these utilities.

The Consultant’s design is intended to exercise the reasonable standard of care to comply with local, state, and federal codes. If standards conflict, the most stringent standard will govern. The Project component will be evaluated and designed to the following publications and standards, latest edition published at time of contract execution, as applicable:

- ➔ *FAA AC 150/5300-13, Airport Design*
- ➔ *FAA AC 150/5320-5, Surface Drainage Design*
- ➔ *FAA AC 150/5320-6, Airport Pavement Design and Evaluation*
- ➔ *FAA AC 150/5340-1, Standards for Airport Markings*
- ➔ *FAA AC 150/5340-18, Standards for Airport Sign Systems*
- ➔ *FAA AC 150/5340-30, Design and Installation Details for Airport Visual Aids*
- ➔ *FAA AC 150/5345-46 Specification for Runway and Taxiway Light Fixtures*
- ➔ *FAA AC 150/5370-2, Operation Safety on Airports During Construction*
- ➔ *FAA AC 150/5370-10, Standards for Specifying Construction of Airports*
- ➔ *FAA 70/7460-1, Obstruction Marking and Lighting*
- ➔ *FAA FAARFIELD*
- ➔ OSHA – Occupational Safety and Health Administration
- ➔ National Fire Protection Agency (NFPA)
- ➔ Other relevant Applicable Federal Aviation Administration (FAA) Advisory Circulars for

design and construction not listed above

Project drawings will be prepared in AutoCAD format.

Resident Project Representative (“RPR”) Services, Construction Materials Acceptance Testing, and Construction Staking, are not components of this proposal.

This scope of services assumes that all proposed project design elements will be constructed in one (1) project. There is significant overlap between design items in each task, and the fee proposal reflects that. Deviations from these assumptions once notice has been given to the Consultant to begin the services of this contract may require a change to the Project scope and additional fees.

Deletion of a task(s) or the requirement for additional services not specifically noted herein as part of the Consultant’s scope will require re-evaluation of the proposed design fees.

2. Project Elements

The following is a listing of elements of the design project:

→ Data Collection and Site Observation

- The Consultant will obtain and review record drawings associated with the project site, as may be available from the Client.
- The Consultant will obtain and review applicable design standards. For this project, FAA and City standards are anticipated to be the governing documents.
- Subsurface utility engineering (SUE) services are not components of this proposal. The intent will be to locate utilities via review of record drawings and topographic survey of visible site elements. The Contract Documents will require the Contractor to perform recommended test hole verifications.
- The Consultant will visually observe the project limits of the site and document overall visible conditions within the project limits of the site as part of the design.

→ General

- The Consultant will provide general plan sheets for the Project (Cover Sheet, Sheet Index, General Notes, Dimensional Control Plans, Boring Layout Plan) in accordance with the applicable design standards.

→ Geometrics and Site Design

- The Consultant will provide the geometric design of the ramp pavements. The Consultant will utilize *FAA AC 150/5300-13B, Airport Design*, to establish criteria, latest published edition at time of contract execution.
- The Consultant will perform the grading design for the site.
- The Consultant will provide design pavement markings required for the site in accordance with *FAAAC 150/5340-1, Standards for Airport Markings*, latest published edition at time of contract execution.

→ Pavement Design

- The Consultant will provide ramp pavement strength and material design recommendations in accordance with the FAA's *FAARFIELD* standard thickness design software and *FAA AC 150/5320-6, Airport Pavement Design and Evaluation*, design guidelines, latest published edition at time of contract execution. The Consultant will coordinate with the Client's staff, FAA control tower personnel, and tenants to determine the appropriate aircraft fleet mix to be used in the ramp pavement design. It is anticipated the Client will provide final approval of the aircraft fleet mix to be used.
- SIDA Ramp pavement will consist of a new asphalt pavement section.
- The Consultant will provide pavement profiles and cross sections for the affected pavements.

→ Airfield Electrical Improvements

- The Consultant will provide analysis and direction for the anticipated airfield lighting and signage modifications to accommodate the new airfield geometry resulting from this Project, in accordance with applicable FAA design guidelines.
- The Consultant will provide analysis and direction for the anticipated updates to the airfield electrical vault, as required. The Consultant will review regulator capacities and conditions for affected circuits.

→ SWPPP / Erosion Controls

- The Consultant will prepare applicable SWPPP plan sheets for the Contractor to use in procurement of the stormwater construction permits. A detailed SWPPP report along with Contractor preferred Best Management Practices ("BMPs"), the Notice of Intent ("NOI"), the Notice of Termination ("NOT"), and submission to the TCEQ will be prepared by others and is excluded from this scope of services.

→ Utility Coordination and Design

- The Consultant will design utility relocations with the intent to reduce modifications without compromising design standards. Existing utility crossings anticipated to be modified are airfield electrical.
- The Consultant will notify the City of utilities that will require relocation.
- Construction documents will clearly show existing and proposed utility lines and utility company contacts.
- The Consultant will obtain and submit utility clearance letters from each of the affected utility companies.

→ Permitting

- National Environmental Policy Act ("NEPA") documentation has previously been

performed by others for this Project. The NEPA documentation for SIDA Ramp Expansion was performed by the Client's staff. NEPA documentation is not a component of this scope of services.

- The Consultant will submit required documents to the City Planning and Inspections Department for review during the final design phase with the intent to obtain approval from the City Planning and Inspections Department before the construction documents are submitted for bid advertisement. The Consultant will follow up the review process with the City Planning and Inspections Department and will pick up approved documents and store them. The Consultant will not be responsible for pulling a construction permit; this will be performed by others and is excluded from this scope of services.
- No other permits are anticipated for this Project. No other permits than those specifically identified in this scope will be coordinated or applied for by the Consultant.

3. Basic Services

The Client must authorize services through issuance of a Notice to Proceed ("NTP") for each task. The Consultant will not proceed with the performance of each task until such written notice is provided. The Consultant will perform the following services:

TASK 1 PRELIMINARY DESIGN PHASE SERVICES

Task 1.01 Perform Project Initiation / Setup

The Consultant will perform appropriate Project initiation and documentation setup in order to appropriately manage the Project. The Consultant will also establish a Quality Control Plan (QCP) and Project Management Plan (PMP) for the project.

Task 1.02 Perform Data Collection and Research

The Consultant will collect and review available data related to the project limits of the site and the proposed improvements. The Consultant will review the Client's files and records to determine relevant information for the Client's staff to provide such as the airport master plan, airport layout plan, pavement evaluation reports, aerial photogrammetry, previous design drawings, existing permits, boundary surveys, development concepts and drawings, surveys, and geotechnical study reports. The Client will provide copies of all pertinent documents including CAD drawings, when available, to the Consultant in a timely manner to allow the project to move ahead efficiently. It is anticipated that the following information will be provided for review:

- Taxiway G Record Drawings and CAD Files

Task 1.03 Obtain Geotechnical Study (Omitted)

Task 1.04 Obtain Design Topographical Survey (Omitted)

Task 1.05 Development of Ramp Geometry Concepts (Omitted)

Task 1.06 Prepare Preliminary Design Documents (Omitted)

Task 1.07 Perform In-House Quality Control Review – Preliminary Design Submittal (Omitted)

Task 1.08 Submit Preliminary Design Documents (Omitted)

Task 1.09 Meeting/Presentations

To further the construction progress and coordinate efforts, various meetings are anticipated throughout the construction process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

➔ Pre-Design Conference

The Consultant will coordinate and attend one (1) pre-design/kick-off meeting with Client and various subconsultants to discuss and solidify (to the extent feasible):

- Project scope, goals, and client expectations
- Describe the methods by which the project will be performed
 - Design features, design constraints, design parameters, and local conditions
- Consider budget and funding availability as it relates to phasing considerations
- Discuss current condition of systems in question
- Understand other ongoing projects that may impact the Project
- Start to develop the design and construction schedule and submittals
- Communication channels, coordination requirements, and responsibilities
- Define invoicing requirements (both for Airport as well as processing those for subconsultants)
- Other related items

The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. This meeting is anticipated to be held at the Airport and will require travel by the Consultant.

➔ Site Study

The Consultant will coordinate and attend one (1) site study meeting with the Client and various subconsultants to review and document the visible conditions of the project site. The Client will attend with knowledgeable staff and provide access to limits of the project site to provide a comprehensive walkthrough. The walkthrough will use the data received in Task 1.02 as the

basis for the verification of existing documentation to the extent possible. As part of this task, measurements will be taken to validate existing condition documentation. The Airport is anticipated to escort the Consultant to the project site.

This meeting is anticipated to be held at the Airport following the pre-design conference.

➔ Design Development / Coordination Meetings

To further the design, Design Development / Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, FAA, Airport users, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

➔ Utility Coordination Meetings

To further the design with respect to utility design, Utility Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, utility owners, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

➔ Ramp Geometry Concept Review Meeting

The Consultant will coordinate and attend one (1) Concept Review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the Ramp Geometry and Parking Layout. It is expected that one “Preferred Conceptual Alternative” will be selected by the Client within three (3) working days from the presentation. This meeting is anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meeting.

➔ Preliminary Design Review Meeting

The Consultant will coordinate and attend one (1) Preliminary Design review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the PER and subsequent Design Documents. This meeting is anticipated to be held at the Airport and will require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings.

Task 1.10 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team's efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow up activities.

This task provides oversight of project components within the Consultant's scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

Task 1.11 City of El Paso Development Department Permits Coordination

The Consultant will submit the required number of plan sets to the City of El Paso Development Department. The Engineer shall be responsible for obtaining the required approvals from the City of El Paso Development before the construction documents are submitted for bid advertisement. A applicable, it shall be the responsibility of the Consultant to follow up on the review and approval process with the City of El Paso Development Department. The City of El Paso Department of Development will review the grading and drainage, storm water pollution prevention plans and electrical permit requirements.

➔ City of El Paso Development Department Plan Review.

- Grading and Drainage Plan Review.
- Storm Water Pollution Prevention Plan Review.
- Electrical Facilities Plan Review.

TASK 2 PRE-FINAL DESIGN PHASE SERVICES

Task 2.01 Prepare Pre-Final Design Documents (Omitted)

Task 2.02 Perform In-House Quality Control Review – Pre-Final Design Documents (Omitted)

Task 2.03 Submit Pre-Final Design Documents (Omitted)

Task 2.04 Meetings / Presentations

To further the construction progress and coordinate efforts, various meetings are anticipated throughout the construction process. For meetings, the Consultant will attend said meetings (either in person or via teleconference, as indicated), prepare and distribute written minutes of the meeting with respect to project components designed by the Consultant, and perform appropriate follow-up activities. The anticipated number of meetings is listed herein; should the requirement for additional meetings be necessary, a change to the Project scope and additional fees may be required.

→ Design Development / Coordination Meetings

To further the design, Design Development / Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, FAA, Airport users, and other stakeholders, as applicable.

Two (2) meetings have been anticipated. These meetings are anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

→ Utility Coordination Meetings

To further the design with respect to utility design, Utility Coordination Meetings may be required. These meetings are intended to be “workshop” meetings to discuss design alternatives and requirements. The Consultant will attend these meetings with Client staff, City staff, utility owners, and other stakeholders, as applicable.

One (1) meeting has been anticipated. The meeting is anticipated to be held via teleconference and will not require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

→ Pre-Final Design Documents Review Meeting

The Consultant will coordinate and attend one (1) Pre-Final; Design Documents review meeting with the Client, City, FAA, and other attendees, as applicable, to receive comments and direction regarding the Pre-Final Design Documents. This meeting is anticipated to be held at the Airport and will require travel by the Consultant. The Consultant will develop meeting minutes and distribute to all attendees within three (3) working days of the meetings

Task 2.05 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team’s efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant’s scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

Task 2.06 City of El Paso Development Department Permits Coordination

The Consultant will submit the required number of plan sets to the City of El Paso Development Department. The Engineer shall be responsible for obtaining the required approvals from the City of El Paso Development before the construction documents are submitted for bid advertisement. A

applicable, it shall be the responsibility of the Consultant to follow up on the review and approval process with the City of El Paso Development Department. The City of El Paso Department of Development will review the grading and drainage, storm water pollution prevention plans and electrical permit requirements.

➔ City of El Paso Development Department Plan Review.

- Grading and Drainage Plan Review and approval.
- Storm Water Pollution Prevention Plan Review and Approval.
- Electrical Facilities Plan Review and Approval.

TASK 3 FINAL DESIGN PHASE SERVICES

Task 3.01 Incorporate Pre-Final Design Review Comments (Omitted)

Task 3.02 Prepare Final Design Documents(Omitted)

Task 3.03 Perform In-House Quality Control Review – Final Design Documents (Omitted)

Task 3.04 Submit Final Design Documents(Omitted)

Task 3.05 Meetings / Presentations (Omitted)

Task 3.06 Project Management and Administration

The Consultant will manage the Project in a professional manner, assign and manage qualified individuals or subconsultants to the Project, and perform the efforts within the proposed time frame.

This task will consist of scheduling, resource allocation, monitoring, oversight, and direction for aspects of the team's efforts, and assembly and coordination of documentation. The Consultant will perform meeting preparation activities, prepare and distribute meeting minutes, and assign appropriate follow-up activities.

This task provides oversight of project components within the Consultant's scope of services; general correspondence by the Consultant with the Client, the City, and other governmental authorities; coordination of meetings with the Client, the City, and other governmental authorities; and Project reporting.

TASK 4 BIDDING PHASE SERVICES (Omitted)

4. Meetings and Presentations

The following meetings and presentations will be attended as part of this proposal:

Task	Total Meetings	In-Person Meetings	Teleconference Meetings
Task 1.09 Site Study	1	1	
Task 1.09 Design Development / Coordination Meetings	2		2
Task 1.09 Utility Coordination Meetings	2		2
Task 2.04 Design Development / Coordination Meetings	2		2
Task 2.04 Utility Coordination Meetings	1		1
Total	8	1	7

The Consultant will prepare the minutes of each meeting and distribute them to attendees within three (3) working days of the meeting. Meetings held in-person will require travel by the Consultant. Meetings held via teleconference will not require travel by the Consultant.

5. Deliverables

Deliverables are anticipated to be provided electronically by the Consultant. PDF files will be provided for all deliverable documents. Word, Excel, and CAD files will be provided for working documents.

City of El Paso Development Department Plan Review at:

- Preliminary Design Submittal
- Pre-Final Design Submittal
- Final Design Submittal

6. Schedule

The Consultant proposes to perform the services as noted herein in accordance with the following schedule:

- Pre-Design Conference within 7 days from NTP
- Topographical Survey 3 Weeks after Pre-Design Conference
- Geotechnical Study 6 Weeks after Pre-Design Conference
- Preliminary Design Submittal 75 calendar days from NTP
- Pre-Final Design Submittal 60 calendar days from Preliminary Design Submittal
- Final Design Submittal 30 calendar days from Pre-Final Design Submittal
- Bid Phase 15 calendar days from Final Design Submittal

*The schedule does not account for review time for the Client, City, FAA, or other governing authorities.

In order to meet the proposed schedule above, the Consultant must receive the following information from the Client, or others as required. This information must be received within the timeframe noted with respect to the NTP in order to not jeopardize the proposed schedule.

- Taxiway G Record Drawings (PDF and AutoCAD format)

The actual schedule may vary significantly as the Project design progresses and the scope is further developed. Delays to the proposed design schedule outside of the Consultant's control may require re- evaluation of the proposed schedule and / or design fees.

7. Professional Fees

The proposed fee for this Project can be viewed in this proposal as Attachment B.

Design and bidding services will be performed in their entirety on a lump sum basis.. An Omega Engineers, Inc hourly rate schedule can be viewed in this proposal as Attachment B.

This proposal is valid for 90 days, and the scope and fee may need to be modified if the contract is not executed within that period.

8. Exclusions and Assumptions

The following are assumed for this proposal:

- ➔ Project Construction Duration is 240 calendar days.
- ➔ Contractor will provide redlines of the plans for the Record Drawings.
- ➔ RPR services will not be provided by the Consultant. It is assumed the Client will provide these services directly or solicit the services of another consultant to be contracted directly to the Client.
- ➔ Construction materials acceptance testing services will not be provided by the Consultant. It is assumed the Client will provide this service directly or solicit the services of a subconsultant to be contracted directly to the Client.
- ➔ Construction verification survey and post-construction survey services will not be provided by the Consultant. It is assumed the Contractor will provide this service directly or solicit the services of a subconsultant to be contracted directly to the Contractor.
- ➔ Preferred Site Plan will not change significantly from what is currently shown in the Conceptual Site Layout (Figure 1). Changes due to multiple iterations of site plans or edits to the site plan will incur additional design fees.
- ➔ Existing airfield utilities will be marked out by the Client's maintenance personnel and FAA Tech Ops.
- ➔ Escort for geotechnical analyses and topographical survey will be provided by the Client.
- ➔ Applicable airfield pavements will be closed during geotechnical and topographical survey services, allowing for uninterrupted, continual access.
- ➔ The Client will provide current operational data (type of aircraft and number of operations) for pavement design purposes.
- ➔ The Consultant will not perform services related to PFAS chemicals or substances possibly containing PFAS chemicals and RS&H or its consultants will not be liable for the non-performance of such services.

Deviations from these assumptions once notice has been given to the Consultant to begin the services of this contract may require a change to the Project scope and additional fees.

Tasks not specifically noted as included in this scope of services are not included in this Contract. In addition, the following is a listing of major items not included as part of this Proposal. This list will not be construed as the only items not included as part of this scope of services.

- ➔ Funding coordination
- ➔ Federal Procurement Provision Development and Review (BABA, etc.)

- ➔ FAA Reimbursable Agreement coordination
- ➔ Section 163 Screening Process and Determination
- ➔ National Environmental Policy Act (NEPA) documentation beyond SWPPP plan sheets
- ➔ National Pollutant Discharge Elimination System (“NPDES”) / Texas Pollutant Discharge Elimination System (“TPDES”) / TCEQ permits
- ➔ Transportation Security Administration coordination
- ➔ Environmental remediation (wetlands, soil contamination, etc.)
- ➔ Permitting beyond that noted herein
- ➔ Permit fees unless otherwise indicated
- ➔ Boundary surveys
- ➔ Subsurface Utility Engineering (SUE) Exploration
- ➔ Obstruction surveys
- ➔ Contract Documents (sometimes referred to as “front end documents”)
- ➔ Survey platting
- ➔ FAA Form 7460-1, Notice of Proposed Construction or Alteration
- ➔ Safety Risk Management System (“SRM”) and Safety Assessment
- ➔ Stormwater / drainage improvements beyond basic site grading, drainage calculations, drainage modeling, stormwater detention, etc.
- ➔ Flood plain analysis and Conditional Letter of Map Revision (“CLOMR”) application
- ➔ Per- and polyfluoroalkyl substances (PFAS) analysis and mitigation
- ➔ Design of utilities
- ➔ Concrete Joint Layout
- ➔ Review of Contractor’s applications for payment
- ➔ Trench safety plan
- ➔ Confined space plan
- ➔ Clearing of existing trees and / or other vegetation
- ➔ Design or construction administration of NAVAID improvements / relocations
- ➔ Design or construction administration of ALCMS improvements / updates
- ➔ Design for Leadership in Energy and Environmental Design (“LEED”) or Envision™ certification
- ➔ Electrical Site Lighting
- ➔ IT & fiber design, security system designs
- ➔ FAA Form 7460-1 and submittal
- ➔ FAA Form 7480-1 and submittal
- ➔ Bidding services
- ➔ Construction Phase Document Control, RPR services, construction materials acceptance testing, construction staking, and/or any other construction-related services
- ➔ Construction verification surveys (Construction Documents will require Contractor to

perform and submit for approval)

- ➔ Post-construction survey and AGIS Upload
- ➔ Additional travel to the Airport, FAA offices, or any other requested travel, beyond those meetings explicitly noted herein
- ➔ Americans with Disabilities Act (ADA) design
- ➔ Texas Accessibility Standards (TAS) design
- ➔ TDLR review

Project: EL PASO INTERNATIONAL AIRPORT SIDA RAMP EXPANSION

Provider Name: Omega Engineers, Inc.

ATTACHMENT B									
Labor Category:			Senior Engineer	Project Engineer	Design Engineer	Engineer-In-Training	Senior Engineer Tech	Admin/ Clerical	
Hourly Contract Rate			\$ 218.99	\$ 170.03	\$ 148.00	\$ 107.30	\$ 120.64	\$ 72.62	
									Subtotal Hours Labor Cost
Task 1 Preliminary Design Phase Services			Total Task 1	27	14	28	14	12	111 \$ 16,548.95
Task 1.09 Meeting/Presentations			Subtotal	21	14	20	14	12	93 \$ 13,760.53
Utility Coordination Meetings									
Coordination of Engineering Activities with Utility Stakeholder				3	4	6			13 \$ 2,225.09
Individual Meetings with Utility stakeholders (up to 2 meetings)				6		6			12 \$ 2,201.94
Preparation of Agenda and Meeting Minutes					2	6		12	20 \$ 1,855.30
Generate Exhibits and Layouts for Utility relocation					2		8	12	22 \$ 2,646.14
Review of Utility Proposed adjustments				6	6				12 \$ 2,334.12
Review SUE information				6		8			14 \$ 2,497.94
Task 1.10 Project Management and Administration			Subtotal	6	0	8	0	4	18 \$ 2,788.42
Project Management				6		8		4	18 \$ 2,788.42
Task 2 Pre-Final Design Phase Services			Total Task 2	47	40	59	11	0	177 \$ 28,458.43
Task 2.04 Meeting/Presentations			Subtotal	12	10	11	5	0	43 \$ 6,855.78
Utility Coordination Meetings									
Coordination of Engineering Activities with Utility Stakeholder				6	4	6			16 \$ 2,882.06
Individual Meetings with Utility stakeholders (up to 1 meetings)				3		3		2	8 \$ 1,246.21
Preparation of Agenda and Meeting Minutes					1		3	3	7 \$ 709.79
Generate Exhibits and Layouts for Utility relocation					2		2		4 \$ 554.66
Review of Utility Proposed adjustments				1	3				4 \$ 729.08
Review SUE information				2		2			4 \$ 733.98
Task 2.05 Project Management and Administration			Subtotal	6	0	8	0	4	18 \$ 2,788.42
Project Management				6		8		4	18 \$ 2,788.42
Task 2.06 City of El Paso Development Department Permits Coordination Review and Approval			Subtotal	29	30	40	6	0	



**EXHIBIT A - ATTACHMENT C
PLAN SHEET LIST**

**El Paso International Airport
SIDA Ramp Expansion**

DRAWING NUMBER	SHEET NUMBER	SHEET TITLE
1	G001	COVER SHEET
2	G002	SHEET INDEX
3	G011	ABBREVIATIONS, LEGEND, AND CONTACT INFORMATION
4	G012	GENERAL CONTRACT NOTES
5	G013	SAFETY AND SECURITY NOTES (SHEET 1 OF 2)
6	G014	SAFETY AND SECURITY NOTES (SHEET 2 OF 2)
7	G015	CONSTRUCTION PHASING AND SAFETY NOTES
8	G021	CONTRACT LAYOUT PLAN
9	G022	HORIZONTAL AND VERTICAL CONTROL PLAN
10	G023	CONTRACTOR ACCESS PLAN
11	G024	AIRFIELD ALIGNMENT PLAN
12	G030	SOIL BORING LOCATION PLAN (1 of 2)
13	G031	SOIL BORING LOGS (SHEET 1 OF 3)
14	G032	SOIL BORING LOGS (SHEET 2 OF 3)
15	G100	OVERALL PHASING PLAN
16	G101	PHASING PLAN - PRE-WORK PHASE 1 AND 1A
17	G102	PHASING PLAN - WORK PHASE 1 AND 1A
18	G103	PHASING PLAN - POST-WORK PHASE 1A - PRE-WORK PHASE 1B
19	G104	PHASING PLAN - WORK PHASE 1 AND 1B
20	G105	PHASING PLAN - POST-WORK PHASE 1 AND 1B
21	G501	CONSTRUCTION SAFETY AND PHASING DETAILS
22	CE100	EXISTING CONDITIONS KEY PLAN
23	C101	EXISTING CONDITIONS PLAN (SHEET 1 OF 2)
24	C102	EXISTING CONDITIONS PLAN (SHEET 2 OF 2)
25	C501	EXISTING PAVEMENT DETAILS
26	CE101	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
27	CE501	SWPPP DATA SHEET
28	CE502	TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS
29	CD100	PAVEMENT DEMOLITION KEY PLAN
30	CD101	PAVEMENT DEMOLITION PLAN (SHEET 1 OF 2)
31	CD102	PAVEMENT DEMOLITION PLAN (SHEET 2 OF 2)
32	CD151	PAVEMENT DEMOLITION POINT TABLES
33	CD501	PAVEMENT DEMOLITION AND REPAIR DETAILS (SHEET 1 OF 2)
34	CD502	PAVEMENT DEMOLITION AND REPAIR DETAILS (SHEET 2 OF 2)
35	CP100	PAVEMENT GEOMETRY KEY PLAN
36	CP101	PAVEMENT GEOMETRY PLAN (SHEET 1 OF 2)
37	CP102	PAVEMENT GEOMETRY PLAN (SHEET 2 OF 2)
38	CP151	PAVEMENT GEOMETRY POINT TABLES

39	CP501	PAVEMENT TYPICAL SECTIONS
40	CV100	PAVEMENT ELEVATIONS KEY PLAN
41	CV101	PAVEMENT ELEVATIONS PLAN (SHEET 1 OF 4)
42	CV102	PAVEMENT ELEVATIONS PLAN (SHEET 2 OF 4)
43	CV103	PAVEMENT ELEVATIONS PLAN (SHEET 3 OF 4)
44	CV104	PAVEMENT ELEVATIONS PLAN (SHEET 4 OF 4)
45	CG100	GRADING KEY PLAN
46	CG101	GRADING AND DRAINAGE PLAN (SHEET 1 OF 2)
47	CG102	GRADING AND DRAINAGE PLAN (SHEET 1 OF 2)
48	CG501	DRAINAGE DETAILS
49	CM100	PAVEMENT MARKING KEY PLAN
50	CM101	PAVEMENT MARKING PLAN (SHEET 1 OF 2)
51	CM102	PAVEMENT MARKING PLAN (SHEET 2 OF 2)
52	CM151	PAVEMENT MARKING POINT TABLES
53	CM501	PAVEMENT MARKING DETAILS (SHEET 1 OF 2)
54	CM502	PAVEMENT MARKING DETAILS (SHEET 2 OF 2)
55	CS100	SITE RESTORATION PLAN
56	CS100	SITE RESTORATION DETAILS
57	E001	ELECTRICAL SYMBOLS LEGEND
58	ED100	ELECTRICAL DEMOLITION KEY PLAN
59	ED101	ELECTRICAL DEMOLITION PLAN (SHEET 1 OF 2)
60	ED102	ELECTRICAL DEMOLITION PLAN (SHEET 2 OF 2)
61	EL100	PROPOSED ELECTRICAL KEY PLAN
62	EL101	PROPOSED ELECTRICAL PLAN (SHEET 1 OF 2)
63	EL102	PROPOSED ELECTRICAL PLAN (SHEET 2 OF 2)
64	EL501	ELECTRICAL DETAILS
65	EL601	AIRFIELD LIGHTING SCHEDULES
66	EL701	ELECTRICAL CIRCUIT PLAN
67	EL701	ELECTRICAL CIRCUIT PLAN

**ATTACHMENT “C”
CONSULTANT’S BASIC AND ADDITIONAL SERVICES**

For the “**ARCHITECT AND ENGINEERING SERVICES FOR THE EL PASO INTERNATIONAL AIRPORT SIDA RAMP EXPANSION**” hereinafter referred to as the Project, the Consultant will provide the Basic and Additional Services as noted herein.

BASIC SERVICES OF THE CONSULTANT

GENERAL

1. The Consultant agrees to perform professional services in connection with the Project as hereinafter stated.
2. The Consultant shall comply with the City of El Paso Engineering Department Construction Document Guidelines, which are in effect at the time of this Agreement and are available in the City Engineering Department, in the performance of the services requested under this Agreement.
3. The Consultant shall serve as the Owner’s professional representative in those phases of the Project to which this Agreement applies, and shall give consultation and advice to the Owner during the performance of services.
4. The Owner is relying upon the skill, reasonable care and knowledge of the Consultant to furnish the Owner with oversight and management of the Project within the allocated budget. The Owner’s review of any documents prepared by the Consultant is only general in nature and its obligation to approve and accept the work in no way relieves the Consultant of responsibility for any specific deficiencies in the project.

PHASE I - PRELIMINARY DESIGN PHASE

The Consultant shall do the following:

1. Consult with the Owner to determine the Owner’s requirements for the Project.
2. Provide at the Consultant’s sole expense right-of-way surveys, boundary surveys, topographic surveys, drainage surveys, and soil investigations as needed to design the Project and as required by the Scope of Work of the Agreement; obtain all available information from all utility companies and other affected agencies including, but not limited to, the Texas Department of Transportation and the U.S. Department of Interior,

Bureau of Reclamation, as needed to complete the proper design. This does not, however, include property surveys and legal descriptions as needed to acquire additional right-of-way or additional property.

1. Obtain all available horizontal and vertical locations of public utilities, and fully coordinate design of the Project with public utilities in an effort to minimize relocation of utilities as much as possible.
2. Make drawings from field measurements of existing construction when required for planning additions or alterations thereto.
3. Provide consultation and advice as to the necessity of providing or obtaining other services such as the types described herein, and act as the Owner's representative in connection with any such services, and if concurred with and authorized by the Owner, provide, procure, or assist in procuring such Additional Services.
4. Review with the Owner alternative approaches in regard to the construction of the Project. The Owner at its option may designate in writing various construction contracts into which the Project shall be divided. The Consultant may request additional reasonable compensation if the Owner designates various construction contracts into which the Project is to be divided. The Consultant shall thereafter treat each construction contract as a separate Project under this Agreement. Each construction contract shall be separately bid and the Consultant shall prepare separate preliminary design, pre-final design, and final design specifications, proposal forms, notices to bidders, construction contract documents, and other required documents for each construction contract.
5. Prepare for approval by the Owner preliminary design documents consisting of evaluation of existing structural report, design criteria, drawings, and outline specifications to develop, and establish the scope of each construction contract.
6. Prepare a detailed opinion of probable construction costs for each construction contract containing the main construction components, based on the information given in the preliminary design documents.
7. As per Attachment "D", furnish copies of the above preliminary design documents and opinion of probable construction costs for each construction contract. If the above preliminary design documents are not approved by the Owner, the Consultant shall furnish copies of the resubmitted preliminary design documents at no additional cost to the Owner.

PHASE II - PRE-FINAL DESIGN PHASE

The Consultant shall do the following separately:

1. Prepare required documents and assist the Owner in obtaining approval of such governmental authorities as may have jurisdiction over the design criteria applicable to each construction contract. The Consultant's assistance in obtaining such approvals shall include participation in submissions to and negotiations with the appropriate authorities.

The Consultant shall be fully responsible for coordination with all utility companies to resolve conflicts pertaining to location of utility lines and shall exercise customary and usual professional care for obtaining utility clearances. Since some utility locations may not be recorded or mapped, additional efforts to locate utilities maybe required as an additional service upon written approval of the Owner.

2. On the basis of the approved preliminary design documents and subject to approval of design criteria, prepare for incorporation in the construction contract documents detailed drawings and plans, hereinafter called the “**Drawings,**” to show the character and scope of the work to be performed by construction contractors on each construction contract, instructions to bidders, general conditions, special conditions, and technical provisions, hereinafter called “**Specifications.**” These plans shall include the required cross sections from actual fieldwork for estimated earthwork quantities.
3. Advise the Owner of any adjustment to the Consultant’s previous opinion of probable construction costs for each construction contract caused by changes in scope, design requirements, general market conditions, or construction costs and furnish a revised opinion of probable construction costs, based on the completed Drawings and Specifications. The Consultant expressly authorizes any person designated by the Owner to review at any time prior to the Bidding Phase any opinion of probable construction costs made by the Consultant. The Consultant agrees to cooperate fully in such review, and shall furnish the access to all pertinent information upon which the Consultant’s cost opinions were based. In addition, detailed estimates to include orderly presented takeoff sheets, summary and main summary sheets are to be provided to the Owner. Nothing in this provision shall be construed as limiting or waiving the right of the Owner to obtain such information at any other time, or as relieving the Consultant of the responsibility of preparing opinions of probable construction costs. The Owner understands that the Consultant has no control over the cost of availability of labor, equipment, market conditions, or the contractor’s method of pricing and that the Consultant’s opinion of probable construction costs are made on the basis of professional judgment and experience. The Consultant makes no warranty that the bids will not vary from the opinion of probable construction costs.
1. Prepare proposal forms.
4. As per Attachment “D”, furnish to the Owner copies of the Drawings for review by the Owner, other governmental authorities, and the public utilities. If the Drawings are not approved by the Owner, the Consultant shall furnish copies of the resubmitted Drawings at no additional cost to the Owner. Furnish to the Owner copies of the Specifications and copies of the design analysis showing all engineering calculations for review by the Owner, other governmental authorities who may have jurisdiction over each construction contract, and the public utilities.

PHASE III - FINAL DESIGN PHASE

The Consultant shall do the following:

1. Incorporate changes requested by the Owner and other governmental authorities after review of pre-final design documents and perform redesign necessitated by public utility conflicts.
2. Coordinate closely with utility companies during the Preliminary Design and Pre-Final Design Phases. The amount of redesign necessary to accommodate utility company comments on the pre-final design drawings is expected to be in proportion to the effectiveness of that coordination and is to be performed by the Consultant as part of the Final Design Phase of this Agreement. The Consultant shall obtain written utility clearance from all utility companies affected by the scope of this Project as part of the Final Design Phase of this Agreement.
3. As per Attachment "D", furnish to the Owner copies of final design Drawings and Specifications for review and approval prior to the reproduction for bidding purposes.
4. As per Attachment "D", furnish to the Owner copies of the Drawings and Specifications in final approved form for bidding purposes for each construction contract.
5. Additional copies of the drawings and specifications beyond those identified in Attachment "D", required for public utilities and other agencies, will be provided by the Consultant as an Additional Service.

BIDDING PHASE

Upon receipt of Owner's written request, the Consultant shall provide any of the following services during the Bidding Phase:

1. Assist the Owner in the determination of the bidding period and bid date and provide necessary data for preparation of the notice to bidders by the Owner as required for advertising purposes.
2. Assist the Owner in responding to all questions from prospective bidders concerning the Drawings and Specifications.
3. Attend a pre-bid conference, if any, to explain the Project and to answer questions regarding the Project.
4. Prepare addenda to the Drawings and Specifications as may be required during the advertising period. Any addenda issued shall be approved by all agencies having approval authority over the Drawings and Specifications. As per Attachment "D", deliver copies of all addenda to the Owner for appropriate action.
5. As identified in Attachment "A", assist the Owner in evaluating bids, including obtaining and providing to the Owner reasonably available information as to the quality, ability, and performance record of the three lowest responsible bidders or assist the Owner in rating all

bidders using Best Value Evaluation Criteria provided by the Owner, including obtaining and providing to the Owner reasonably available information as to the quality, ability, and performance record of the bidders. If Best Value Evaluation Criteria are required after the consulting fees have been negotiated and accepted, Consultant may request Additional Services fees.

6. Advise the Owner concerning the acceptability of subcontractors and other persons and organizations proposed by the general construction contractor for those portions of the work for which such acceptability is required by the construction contract documents.

CONSTRUCTION PHASE

At Owner's request, the Consultant shall provide any of the following services associated with the Construction Phase:

1. Attend the pre-construction conference to assist the Owner in responding to all questions from the construction contractor.
2. Advise and consult with the Owner and act as the Owner's representative as provided in the general conditions of the Agreement included in the construction contract. Such general conditions shall be the Owner's standard general conditions for construction projects, with such changes and modifications as may be made in such general conditions being agreed to by both the Consultant and the Owner.
3. Visit each construction site at least once each week or more frequently, if necessary, to observe the progress and quality of the executed work and to determine if such work meets the essential performance and design features and the technical and functional requirements of the construction contract documents. The Consultant shall provide the Owner with typed or printed field notes for each construction site visit. On the basis of these on-site observations, the Consultant shall endeavor to guard the Owner against apparent defects and deficiencies in the permanent work constructed by the construction contractor. The Consultant shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the work, and shall not be responsible for the construction means, methods, techniques, sequences, or procedures, or the safety precautions incident thereto. The Consultant's efforts shall be directed toward providing assurance for the Owner that each completed construction contract shall conform to the engineering requirements of the construction contract documents. However, the Consultant shall not be responsible for the construction contractor's failure to perform the construction work in accordance with the construction contract documents.
Nothing in this Agreement shall be construed as requiring the Consultant to assume responsibility for or to guarantee the complete adherence of the construction contractor to the Drawings and Specifications and the construction contract documents.

4. Review shop drawings diagrams, illustrations, brochures, catalog data, schedules, and samples, the results of tests and inspections and other data which the construction contractor is required to submit, for conformance with the design concept of each construction contract and compliance with the information given in the construction contract documents. **Such review must be complete within ten City working days following receipt of submittal documents.** The Consultant shall also assemble maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, and other documents that the construction contractor is required to submit in accordance with the construction contract documents.
5. Issue the Owner's instructions to the construction contractor when required to do so, prepare routine change orders to include independent detailed opinion of probable construction cost for the Owner's approval as required after securing approval of all agencies having approval authority over each construction contract.
6. Conduct with the Owner and construction contractor no more **than two brief preliminary inspections**, at times requested by the construction contractor to determine if the Project is ready for final inspection.
7. Schedule and conduct with the Owner, including representative of the City Engineer and the user department, the State ADA inspector or State certified ADA consultant, and the construction contractor, a final inspection of the Project and prepare and publish a "punch list" of minor deficiencies to be corrected prior to final payment to the construction contractor. The **"punch list"** shall be furnished to the construction contractor and the Owner within **two City working days** after the final inspection.

8. Issue a "Certificate of Substantial Completion" using EJCDC document 1910-8-D (1983 version) when the final inspection reveals that the Project is substantially complete and fully usable for its intended purpose with only minor deficiencies to be corrected. The certificate shall be issued within **two City working days** after the final inspection.
9. Monitor and verify proper correction of all punch list deficiencies. Notify the Owner in writing when all deficiencies have been corrected, and when warranty, maintenance, and operating instructions and other documents have been submitted by the construction contractor. Act on and forward the construction contractor's final invoice for payment.
10. Furnish the Owner one set of reproducible (**D format**) "record" drawings **on Mylar** showing changes made during the construction process, based on the marked-up prints, drawings, and other data furnished by the construction contractor to the Consultant. Also provide project documents in acceptable electronic media format.
11. Make written recommendations to the Owner on all claims relating to the execution and progress of the construction work.
12. Notify the Owner of all permanent work which does not conform to the result required in each construction contract; prepare a written report describing any apparent nonconforming permanent work, and make recommendations to the Owner for its correction and, at the Owner's request, have recommendations implemented by the construction contractor.
13. Revise previously approved studies, reports, design documents, drawings, or specifications, except when said revisions are required as a result of errors, negligence, or other fault on the part of the Consultant.
14. If Best Value Evaluation Criteria are required after the Consulting fees have been negotiated and accepted, the Consultant may request Additional Service fees.
15. Prepare detailed renderings, exhibits, or scale models for the Project, except as otherwise required herein.

16. Inspect each construction contract site prior to expiration of the guarantee period and report, in written form, observed discrepancies under guarantees provided by the construction contractor.

ADDITIONAL SERVICES OF THE CONSULTANT

GENERAL

If authorized in writing by the Owner, through written amendment, the Consultant shall perform or obtain Additional Services noted below, which are not covered within the Agreement. No claim for Additional Services or cost shall be allowed unless the same was done pursuant to a written authorization dated prior to the Additional Services or cost and which was authorized pursuant to the policies and procedures of the Owner (i.e., passage by City Council). The Owner shall pay for such Additional Services as indicated in the Agreement.

1. Furnish core borings, probings, and hydrographic surveys; laboratory testing; inspection of samples or materials; and other special consultations.
2. Provide Additional Services due to significant changes in the general scope of the Project or its design including, but not limited to, changes in size, complexity, or character of construction if the changes are inconsistent with approvals or instructions previously given by the Owner including revisions made necessary by adjustments in the Owner's scope or budget, except where the Consultant's preliminary study and report, preliminary design, pre-final design, or final design cost opinions exceed the budgeted amount, or in the case where all responsible bids exceed the Consultant's final design cost opinions by **ten percent** or more.
3. Furnish additional copies of studies, reports, and additional prints of Drawings and Specifications in excess of those required herein.
4. Provide investigations involving detailed consideration of operation, maintenance, and overhead expenses as well as the preparation of rate schedules, earnings and expense statements, feasibility studies, appraisals and valuations, detailed quantity surveys of material or labor.

5. Provide Additional Services in connection with the Project not otherwise provided for in this Agreement, except where those services are required as a result of negligence or other fault on the part of the Consultant.

RESIDENT PROJECT SERVICES

1. If directed in writing by the Owner, one or more full-time Resident Project Representatives shall be furnished and directed by the Consultant in order to provide more extensive representation at each construction site during the Construction Phase. Such resident project representation shall be paid for by the Owner.
2. The duties and responsibilities and the limitations on the authority of the Resident Project Representative shall be as set forth in writing by the City Engineer before such services begin.
3. Through the continuous on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative, the Consultant shall endeavor to provide further protection for the Owner against defects and deficiencies in the work of the construction contractors, but the furnishings of such resident project representation shall not make the Consultant responsible for the construction contractor's failure to perform the construction work in accordance with the construction contract documents.

REPORT/CONCEPT PHASE

1. Upon receipt of the Owner's written authorization to proceed with the **Report Phase**, the Consultant shall:
 - a. Consult with the Owner to determine the requirements of the Project and together with the Owner develop a mutually acceptable scope for the Project.
 - b. Provide preliminary investigations, studies, topographic surveys including ties to known monuments of right-of-way lines, general supervision of any other services obtained as described in Part 1.c. of this section and interpreting or incorporating results of any such services for inclusion in the Preliminary Study and Report referred to in Part 1.d. of this section.
 - c. (1) Provide consultation and advice as to the necessity of providing or obtaining other services such as: (a) Property surveys, boundary surveys, right-of-way surveys, and utility surveys, (b) Core borings, probings, and hydrographic surveys, (c) Laboratory testing, and (d) Inspection or other special consultation; (2) Act as the Owner's representative in

connection with such services; and (3) If concurred with and authorized by the Owner, provide, procure, or assist in procuring such Additional Services.

d. Prepare a Preliminary Study and Report on the Project based on the mutually accepted program in sufficient detail to indicate clearly the problems involved and the alternative solutions available to the Owner, to include schematic layouts, sketches, flow diagrams and reports of studies, and a general opinion of probable construction costs for such of the above listed improvements to be included in the Project, and to set forth the Consultant's recommendations.

e. As per Attachment "D", furnish the Preliminary Study and Report and a general opinion of probable construction cost opinion to the Owner.

2. Upon receipt of the Preliminary Study and Report and before the Consultant is authorized to proceed with the Preliminary Design Phase, the Owner at its option may designate in writing various construction contracts into which the Project shall be divided, each of which may include one or more of the above listed improvements to be constructed. If the Owner designates various construction contracts into which the Project is to be divided, the Consultant shall thereafter treat each construction contract as a separate Project under this Agreement. Each construction contract shall be separately bid and the Consultant shall prepare separate preliminary design, and final design drawings, specifications, proposal forms, notices to bidders, construction contract documents, and other required documents for each construction contract.
3. As identified in the Scope of Work in Attachment "A", the Consultant shall investigate the extent and character of any potential soil or water contamination on the properties identified in the Scope of Work, conduct asbestos investigations, environmental site assessments, and provide other environmental engineering services as required and authorized. Services not included in the original scope of work shall be considered Additional Services. The Consultant shall perform such professional services as may be necessary to accomplish the work required to be performed under this Agreement, in accordance with this Agreement, applicable Texas Commission on Environmental Quality and Texas Department of State Health Services Regulations, and any and all applicable state, federal and local laws. The Consultant shall develop an Investigation Plan for the identified properties. Upon approval of the Investigation Plan by the City, the City shall arrange to issue a Notice to Proceed for the Consultant to proceed in relation to an identified property.

FINAL DESIGN PHASE

1. Submit to the Texas Department of Licensing and Regulation, or a State Certified ADA consultant, a set of Final Design Drawings for ADA review and approval.

CONSTRUCTION PHASE

2. Unless otherwise stipulated in Attachment "A", Scope of Services, the Consultant will stake one set of control stakes for the construction contractor.
3. The Consultant shall require, as the Owner's representative and subject to the written concurrence by the Owner, special inspection or testing of the work, whether or not fabricated, installed, or completed and shall act as interpreter of the terms and conditions of the construction contract documents, subject to the Owner's interpretation of such terms and conditions. If the Owner authorizes such testing, it shall be addressed under the provisions of Additional Services of the Consultant.

4. Based on the Consultant's on-site observations as an experienced and qualified design professional and on review of the construction contractor's applications for payment and supporting data, determine the amount owing to the construction contractor and recommend in writing payment to the construction contractor in such amounts; such recommendation of payment to constitute a representation to the Owner, based on such observations and review, that the work has progressed to the point indicated and that, to the best of the Consultant's knowledge, information and belief, the quality of the work is in accordance with the construction contract documents, subject to an evaluation of the work as a functioning project upon substantial completion, to the results of any subsequent tests called for in the construction contract documents and to any qualifications stated in his approval. By recommending an application for payment, the Consultant shall not be deemed to have represented that the Consultant has made any examination to determine how or for what purposes the construction contractor has used the monies paid on account of each construction contract price.
5. Furnish property surveys and legal descriptions as needed to acquire additional right-of-way or additional property.
6. Prepare documents for alternate bids requested by the Owner for construction work for which bids have not been awarded.
7. Furnish additional tests and inspections, in excess of those required herein during the Construction Phase.
8. Prepare change orders requiring additional significant design changes not provided for in the Agreement, requested by the Owner.
9. Provide additional or extended services during construction made necessary by: **a)** work damaged by fire or other cause during construction; **b)** prolongation of the construction contract time by more than **twenty-five percent** provided that such prolongation is not caused by errors, negligence, or other fault on the part of the Consultant; **c)** Acceleration of the work schedule involving services beyond normal city working hours; or **d)** the construction contractor's default under the construction contract due to delinquency or insolvency.
10. Provide extensive assistance in the initial start-up and test operation of equipment or devices and the preparation of manuals of operation and maintenance.
11. Serve as an expert witness for the Owner in any litigation or other proceeding involving the Project.

ATTACHMENT “D” PAYMENT SCHEDULE

For the project known as “**ARCHITECT AND ENGINEERING SERVICES FOR THE EL PASO INTERNATIONAL AIRPORT SIDA RAMP EXPANSION**” hereinafter referred to as the Project, the Owner will compensate the Consultant an amount not to exceed **\$697936.47** for all Basic Services and reimbursables noted within the Agreement and its attachments.

PAYMENT SCHEDULE

Basic services for design shall include the phases listed below at the fixed fee shown for each phase. The remainder of the fixed contract amount, if any, shall consist of the estimate for the time and materials for the bidding phase and construction phase.

Payment to Consultant

Report/Concept Phase	\$
Preliminary Design (30% Design)	\$155,596.82
Pre Final Design (60% Design)	\$102,159.21
Final Design (90% Design)	\$61,306.76
Bidding	\$
Construction	\$

Time and materials shall be billed to Owner by Consultant pursuant to the schedule provided in the consultant’s proposal found in **Attachment “B”**. The time shown in **Attachment “B”** is an estimate. Should the services rendered during the construction phase exceed the estimated amount, written authorization will be required prior to rendering service. Written authorization shall be only by contract amendment in accordance with the contract provisions and applicable law.

The Owner shall make payments upon presentation of the Consultant’s detailed Invoice and accompanying Summary and Progress Report and the Owner’s written approval.

The invoice must clearly identify each employee name, title, hours worked, date of performance, task or project description, rate per hours and/or cost, and office/company location.

Reimbursable Costs: Efforts must be made to secure a *reasonable* and/or lowest rate available in the marketplace.

Receipts: Legible itemized receipts are required for the following: 1. Meals 2. Hotel (lodging) costs. 3. Airfare travel costs. 4. Parking costs. 5. Automobile or Equipment Rental costs. 6. Taxi, Limousine, Bus, Subway, or other travel costs. 7. Reproduction. 8. Shipping and Handling. 9. Local Postage/Deliveries (courier services). 10. Communication Costs. ***Tips and alcohol are not reimbursable.***

No single invoice may include items for both August and September of any given year. The Owner's fiscal year begins on September 1st of each year and ends on August 31st of each year. The Consultant's invoices must be separated into items that end August 31st and those that begin on Septembers 1st of any given year, to coincide with the Owner's fiscal year.

Communications Costs: Long Distance telephone calls need to be identified and strictly related to work performed under this Agreement in order to be reimbursable by the Owner. A log is preferred showing the date, person's name called, and explanation. Cell phone monthly charges are reimbursable if usage is strictly related to work performed under this Agreement. Legible itemized cell phone records are required.

Personal Automobile Mileage: Expense report must clearly identify the departure/arrival time, To/From destinations and purpose of trip.

Entertainment Costs: Entertainment costs are not reimbursable, including: 1. Movie costs for "Pay for View" or Cable service. 2. Alcohol costs. 3. Monetary Tips (tipping) for any and all services related to all forms of travel (and/or entertainment).

DELIVERABLE SCHEDULE

PHASE I—PRELIMINARY DESIGN PHASE

The services called for in **Phase I** of this Agreement shall be completed and **ten (10) copies** of any required documents and opinion of probable construction costs shall be submitted within **120 consecutive calendar days** following written authorization from the Owner for the Consultant to proceed. The time frame set forth in the written authorization from the Owner for the Consultant to proceed. If Owner does not approve the preliminary design documents, the Consultant shall furnish **five (5) copies** of the resubmitted design documents.

PHASE II—PRE-FINAL DESIGN PHASE

The services called for in **Phase II** of this Agreement shall be completed and **ten (10) copies** the required documents and services shall be submitted within **90 consecutive calendar days** following written authorization from the Owner for the Consultant to proceed. The time frame set forth in the written authorization from the Owner for the Consultant to proceed.

PHASE III—FINAL DESIGN PHASE

The services called for in **Phase III** of this Agreement shall be completed and **ten (10) copies** of final design Drawings and Specifications for review and approval prior to the reproduction for bidding purposes shall be submitted within **60 consecutive calendar days** following written authorization from the Owner for the Consultant to proceed. After review, the Consultant shall

submit to Owner **Three (3) copies** of the final revised design documents and specifications for final check. Upon the approval of the final design documents, the Consultant shall furnish **ten (10) copies** of the final design documents and specifications for bidding to the Owner within **60 consecutive calendar days** following written authorization from the Owner for the Consultant to proceed. The time frame set forth in the written authorization from the Owner for the Consultant to proceed.

PHASE IV—BIDDING PHASE

Provide services as authorized by Owner during the bid phase as described in Attachment “C” and submit **one (1) copy** of all addenda to the Owner for appropriate action within **four (4) months**.

PHASE V - CONSTRUCTION PHASE

Provide services as authorized by Owner during construction phase as described in Attachment “C” and submit one set of Mylar and one set of electronic media format copies of all record drawings to the Owner within **eighteen (18) months** from the date of substantial completion.

**ATTACHMENT “E”
INSURANCE CERTIFICATE**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/19/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Edgewood Partners Insurance Center 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	CONTACT NAME: Greyling COI Specialist PHONE (A/C, No, Ext): 770.756.6599 E-MAIL: greylingcerts@greyling.com ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: Lloyd's of London INSURER B: Zurich American Insurance Company INSURER C: American Guarantee & Liability Ins Co INSURER D: Travelers Property Casualty Co of Amer INSURER E: The Continental Insurance Company INSURER F: NAIC # 85202 16535 26247 25674 35289
INSURED RS&H, Inc. 10748 Deerwood Park Blvd South Jacksonville, FL 80237-0000	RS&HINC

COVERAGES**CERTIFICATE NUMBER:** 1812500980**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC ☐ OTHER:		GLO146640902	6/28/2024	6/28/2025	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
B	☒ AUTOMOBILE LIABILITY 					

ATTACHMENT “F”
FEDERAL AVIATION ADMINISTRATION (FAA) CONTRACT PROVISIONS

ATTACHMENT “F”

FEDERAL AVIATION ADMINISTRATION (FAA) CONTRACT PROVISIONS

In this Attachment “F”, the term “Contractor” shall refer to the “Consultant”, and the term “Airport Sponsor” shall refer to the “City”.

If there are any conflicts between the terms and conditions of Attachment “F” and Article VI of the Agreement, the terms and conditions of Attachment “F” will prevail.

A. GENERAL REQUIREMENT FOR CONTRACT

1. The contractor (including all subcontractors) are required to insert these contract provisions in each contract and subcontract, and further require that the clauses be included in all subcontracts;
2. The contractor (or subcontractor) is required to incorporate applicable requirements of these contract provisions by reference for work done under any purchase orders, rental agreements and other agreements for supplies or services;
3. The contractor is responsible for compliance with these contract provisions by any subcontractor, lower-tier subcontractor or service provider; and
4. The contractor (or subcontractor) shall not modify the provisions.

Subject to the applicability criteria noted in the specific contract provisions, these contract provisions apply to all work performed on the contract.

B. FAILURE TO COMPLY

Failure to comply with the terms of these contract provisions may be sufficient grounds to:

1. Withhold progress payments or final payment,
2. Terminate the contract,
3. Seek suspension/debarment, or
4. Any other action determined to be appropriate by the Airport Sponsor or the FAA.

C. CONTRACT PROVISIONS

1. ACCESS TO RECORDS AND REPORTS (all AIP-funded projects)

The Contractor must maintain an acceptable cost accounting system. The Contractor agrees to provide the Sponsor, the Federal Aviation Administration, and the Comptroller General of the United States or any of their duly authorized

representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The Contractor agrees to maintain all books, records and reports required under this contract for a period of not less than three years after the final payment is made and all pending matters are closed.

2. **BREACH OF CONTRACT TERMS (all contracts that exceed the simplified acquisition threshold as fixed at 41 USC 403(11). This threshold is presently set at \$100,000.)**

Any violation or breach of terms of this contract on the part of the contractor or its subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this agreement. The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder are in addition to, and not a limitation of, any duties, obligations, rights and remedies otherwise imposed or available by law.

3. **BUY AMERICAN PREFERENCES (all AIP-funded projects, if this professional services agreement includes any manufactured product as a deliverable.)**

BUY AMERICAN CERTIFICATION

The contractor agrees to comply with 49 USC § 50101, which provides that Federal funds may not be obligated unless all steel and manufactured goods used in AIP-funded projects are produced in the United States, unless the FAA has issued a waiver for the product; the product is listed as an Excepted Article, Material Or Supply in Federal Acquisition Regulation subpart 25.108; or is included in the FAA Nationwide Buy American Waivers Issued list.

A bidder or offeror must submit the appropriate Buy America certification (below) with all bids or offers on AIP funded projects. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive.

Type of Certification is based on Type of Project:

There are two types of Buy American certifications.

- For projects for a facility, the Certificate of Compliance Based on Total Facility (Terminal or Building Project) must be submitted.
- For all other projects, the Certificate of Compliance Based on Equipment and Materials Used on the Project (Non-building construction projects such as runway or roadway construction; or equipment acquisition projects) must be submitted.

Certificate of Buy American Compliance for Total Facility

(Buildings such as Terminal, SRE, ARFF, etc.)

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with their proposal. The bidder or offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one of the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (i.e. not both) by inserting a checkmark (✓) or the letter "X".

- ☐ Bidder or offeror hereby certifies that it will comply with 49 USC. 50101 by:
- a. Only installing steel and manufactured products produced in the United States; or
 - b. Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing; or
 - c. Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

1. To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
 2. To faithfully comply with providing US domestic products
 3. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- ☐ The bidder or offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:
1. To the submit to the Owner within 15 calendar days of the bid opening, a formal waiver request and required documentation that support the type of waiver being requested.
 2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination may results in rejection of the proposal.
 3. To faithfully comply with providing US domestic products at or above the approved US domestic content percentage as approved by the FAA.

4. To furnish US domestic product for any waiver request that the FAA rejects.
5. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 3 Waiver - The cost of components and subcomponents produced in the United States is more than 60% of the cost of all components and subcomponents of the “facility”. The required documentation for a type 3 waiver is:

- a. Listing of all manufactured products that are not comprised of 100% US domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety)
- b. Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly and installation at project location.
- c. Percentage of non-domestic component and subcomponent cost as compared to total “facility” component and subcomponent costs, excluding labor costs associated with final assembly and installation at project location.

Type 4 Waiver – Total cost of project using US domestic source product exceeds the total project cost using non-domestic product by 25%. The required documentation for a type 4 waiver is:

- a. Detailed cost information for total project using US domestic product
- b. Detailed cost information for total project using non-domestic product

False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

Date

Signature

Company Name

Title

* * * * *

Certificate of Buy American Compliance for Manufactured Products

(Non-building construction projects, equipment acquisition projects)

As a matter of bid responsiveness, the bidder or offeror must complete, sign, date, and submit this certification statement with their proposal. The bidder or offeror must indicate how they intend to comply with 49 USC § 50101 by selecting one on the following certification statements. These statements are mutually exclusive. Bidder must select one or the other (not both) by inserting a checkmark (✓) or the letter "X".

- ☐ Bidder or offeror hereby certifies that it will comply with 49 USC § 50101 by:
- a. Only installing steel and manufactured products produced in the United States, or;
 - b. Installing manufactured products for which the FAA has issued a waiver as indicated by inclusion on the current FAA Nationwide Buy American Waivers Issued listing, or;
 - c. Installing products listed as an Excepted Article, Material or Supply in Federal Acquisition Regulation Subpart 25.108.

By selecting this certification statement, the bidder or offeror agrees:

- 1. To provide to the Owner evidence that documents the source and origin of the steel and manufactured product.
 - 2. To faithfully comply with providing US domestic product
 - 3. To furnish US domestic product for any waiver request that the FAA rejects
 - 4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.
- ☐ The bidder or offeror hereby certifies it cannot comply with the 100% Buy American Preferences of 49 USC § 50101(a) but may qualify for either a Type 3 or Type 4 waiver under 49 USC § 50101(b). By selecting this certification statement, the apparent bidder or offeror with the apparent low bid agrees:
- 1. To the submit to the Owner within 15 calendar days of the bid opening, a formal waiver request and required documentation that support the type of waiver being requested.
 - 2. That failure to submit the required documentation within the specified timeframe is cause for a non-responsive determination may result in rejection of the proposal.

3. To faithfully comply with providing US domestic products at or above the approved US domestic content percentage as approved by the FAA.
4. To refrain from seeking a waiver request after establishment of the contract, unless extenuating circumstances emerge that the FAA determines justified.

Required Documentation

Type 3 Waiver - The cost of the item components and subcomponents produced in the United States is more than 60% of the cost of all components and subcomponents of the "item". The required documentation for a type 3 waiver is:

- a. Listing of all product components and subcomponents that are not comprised of 100% US domestic content (Excludes products listed on the FAA Nationwide Buy American Waivers Issued listing and products excluded by Federal Acquisition Regulation Subpart 25.108; products of unknown origin must be considered as non-domestic products in their entirety)
- b. Cost of non-domestic components and subcomponents, excluding labor costs associated with final assembly at place of manufacture.
- c. Percentage of non-domestic component and subcomponent cost as compared to total "item" component and subcomponent costs, excluding labor costs associated with final assembly at place of manufacture.

Type 4 Waiver – Total cost of project using US domestic source product exceeds the total project cost using non-domestic product by 25%. The required documentation for a type 4 waiver is:

- a. Detailed cost information for total project using US domestic product
- b. Detailed cost information for total project using non-domestic product

False Statements: Per 49 USC § 47126, this certification concerns a matter within the jurisdiction of the Federal Aviation Administration and the making of a false, fictitious or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code.

Date

Signature

Company Name

Title

4. **GENERAL CIVIL RIGHTS PROVISIONS (all contracts)**

The contractor agrees that it will comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or handicap be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the contractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

This provision also obligates the tenant/concessionaire/lessee or its transferee for the period during which Federal assistance is extended to the airport through the Airport Improvement Program, except where Federal assistance is to provide, or is in the form of personal property; real property or interest therein; structures or improvements thereon.

In these cases the provision obligates the party or any transferee for the longer of the following periods:

- a. The period during which the property is used by the airport sponsor or any transferee for a purpose for which Federal assistance is extended, or for another purpose involving the provision of similar services or benefits; or
- b. The period during which the airport sponsor or any transferee retains ownership or possession of the property.

5. **CIVIL RIGHTS-TITLE IV COMPLIANCE WITH NONDISCRIMINATION REQUIREMENTS (all AIP funded projects)**

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the **Title VI List of Pertinent Nondiscrimination Statutes and Authorities**, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.

3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
 4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
 5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
 6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontractor or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.
6. **CLEAN AIR AND WATER POLLUTION CONTROL (all contracts that exceed \$100,000)**

Contractors and subcontractors agree:

1. That any facility to be used in the performance of the contract or subcontract or to benefit from the contract is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities;
2. To comply with all the requirements of Section 114 of the Clean Air Act, as amended, 42 U.S.C. 1857 et seq. and Section 308 of the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in Section 114 and Section 308 of the Acts, respectively, and all other regulations and guidelines issued thereunder;
3. That, as a condition for the award of this contract, the contractor or subcontractor will notify the awarding official of the receipt of any communication from the EPA indicating that a facility to be used for the performance of or benefit from the contract is under consideration to be listed on the EPA List of Violating Facilities;
4. To include or cause to be included in any construction contract or subcontract which exceeds \$100,000 the aforementioned criteria and requirements.

7. **CONTRACT WORKHOURS AND SAFETY STANDARDS ACT REQUIREMENTS (all contracts that exceed \$100,000)**

1. Overtime Requirements.

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic, including watchmen and guards, in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; Liability for Unpaid Wages; Liquidated Damages.

In the event of any violation of the clause set forth in paragraph (1) above, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph 1 above, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in

excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1 above.

3. Withholding for Unpaid Wages and Liquidated Damages.

The Federal Aviation Administration or the Sponsor shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any monies payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 2 above.

4. Subcontractors.

The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs 1 through 4 and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1 through 4 of this section.

8. **CERTIFICATE REGARDING DEBARMENT AND SUSPENSION (BIDDER OR OFFEROR) (all contracts that exceed \$25,000)**

By submitting a bid/proposal under this solicitation, the bidder or offeror certifies that at the time the bidder or offeror submits its proposal that neither it nor its principals are presently debarred or suspended by any Federal department or agency from participation in this transaction.

9. **DISADVANTAGED BUSINESS ENTERPRISES (all AIP-funded projects)**

Contract Assurance (49 CFR § 26.13) - The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate.

Prompt Payment (49 CFR §26.29)- The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than thirty (30) days from the receipt of each payment the prime contractor receives from the City. The prime contractor agrees further to return retainage payments to each subcontractor within thirty (30) days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame

may occur only for good cause following written approval of the City. This clause applies to both DBE and non-DBE subcontractors.

10. FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE) (all contracts)

All contracts and subcontracts that result from this solicitation incorporate the following provisions by reference, with the same force and effect as if given in full text. The contractor has full responsibility to monitor compliance to the referenced statute or regulation. The contractor must address any claims or disputes that pertain to a referenced requirement directly with the Federal Agency with enforcement responsibilities.

Requirement	Federal Agency with Enforcement Responsibilities
Federal Fair Labor Standards Act (29 USC 201)	U.S. Department of Labor – Wage and Hour Division

11. LOBBYING AND INFLUENCING FEDERAL EMPLOYEES (all AIP-funded projects)

The bidder or offeror certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the bidder or offeror, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to

a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

12. OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (all contracts)

All contracts and subcontracts that result from this solicitation incorporate the following provisions by reference, with the same force and effect as if given in full text. The contractor has full responsibility to monitor compliance to the referenced statute or regulation. The contractor must address any claims or disputes that pertain to a referenced requirement directly with the Federal Agency with enforcement responsibilities.

Requirement	Federal Agency with Enforcement Responsibilities
Occupational Safety and Health Act of 1970 (20 CFR Part 1910)	U.S. Department of Labor – Occupational Safety and Health Administration

13. RIGHTS TO INVENTIONS (all AIP-funded projects)

All rights to inventions and materials generated under this contract are subject to requirements and regulations issued by the FAA and the Sponsor of the Federal grant under which this contract is executed.

14. TERMINATION OF CONTRACT (contracts that exceed \$10,000)

1. The Sponsor may, by written notice, terminate this contract in whole or in part at any time, either for the Sponsor's convenience or because of failure to fulfill the contract obligations. Upon receipt of such notice services must be immediately discontinued (unless the notice directs otherwise) and all materials as may have been accumulated in performing this contract, whether completed or in progress, delivered to the Sponsor.
2. If the termination is for the convenience of the Sponsor, an equitable adjustment in the contract price will be made, but no amount will be allowed for anticipated profit on unperformed services.
3. If the termination is due to failure to fulfill the contractor's obligations, the Sponsor may take over the work and prosecute the same to completion by contract or otherwise. In such case, the contractor is liable to the Sponsor for any additional cost occasioned to the Sponsor thereby.
4. If, after notice of termination for failure to fulfill contract obligations, it is determined that the contractor had not so failed, the termination will be deemed

to have been effected for the convenience of the Sponsor. In such event, adjustment in the contract price will be made as provided in paragraph 2 of this clause.

5. The rights and remedies of the sponsor provided in this clause are in addition to any other rights and remedies provided by law or under this contract.

15. TRADE RESTRICTION CLAUSE (all AIP-funded projects)

The contractor or subcontractor, by submission of an offer and/or execution of a contract, certifies that it:

- a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to a contractor or subcontractor who is unable to certify to the above. If the contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project, the Federal Aviation Administration may direct through the Sponsor cancellation of the contract at no cost to the Government.

Further, the contractor agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in each contract and in all lower tier subcontracts. The contractor may rely on the certification of a prospective subcontractor unless it has knowledge that the certification is erroneous.

The contractor shall provide immediate written notice to the sponsor if the contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The subcontractor agrees to provide written notice to the contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may

direct through the Sponsor cancellation of the contract or subcontract for default at no cost to the Government.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

16. TEXTING WHEN DRIVING (all contracts)

In accordance with Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving" (10/1/2009) and DOT Order 3902.10 "Text Messaging While Driving" (12/30/2009), FAA encourages recipients of Federal grant funds to adopt and enforce safety policies that decrease crashes by distracted drivers, including policies to ban text messaging while driving when performing work related to a grant or sub-grant.

The Contractor must promote policies and initiatives for employees and other work personnel that decrease crashes by distracted drivers, including policies to ban text messaging while driving. The Contractor must include these policies in each third party subcontract involved on this project.