

**RESOLUTION**

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

That the City Manager is authorized to sign a First Amendment to an Agreement for Professional Services (“Agreement”) by and between the City of El Paso and Garver, LLC, for a Project known as El Paso International Airport Five Node Intersection Remediation,” to amend the Agreement to revise the Scope of Services and to include additional services for design and construction administration. The revisions of this First Amendment require Owner to pay Consultant for additional services in an additional amount of \$414,450.00, thereby extending the contract amount from \$911,150.00 to \$1,325,600.00.

That the City Manager is authorized to establish the funding sources and make any budget transfers and execute any and all documents and contract necessary to carry out the intent of the First Amendment.

**APPROVED THIS** 24 **DAY OF** October, 2023.

**CITY OF EL PASO:**



Oscar Leeser  
Mayor

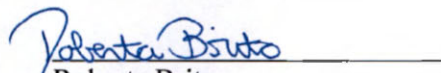


**ATTEST:**




Laura D. Frine  
City Clerk

**APPROVED AS TO FORM:**

  
Roberta Brito  
Senior Assistant City Attorney

**APPROVED AS TO CONTENT:**

  
Yvette Hernandez, P.E.  
City Engineer

THE STATE OF TEXAS )  
 )  
 COUNTY OF EL PASO )

FIRST AMENDMENT  
 AGREEMENT  
 FOR PROFESSIONAL SERVICES

This First Amendment to an Agreement for Professional Services (“First Amendment”) is made this 24th day of October, 2023 (“Effective Date”), by and between the City of El Paso, a Texas municipal corporation (the “**Owner**”), and Garver, LLC, (the “**Consultant**”).

**WHEREAS**, on March 2, 2021, the Owner entered into an Agreement for Professional Services (the “**Agreement**”) with the Consultant for a Project known as “El Paso International Airport Five Node Intersection Remediation” (the “**Project**”); and

**WHEREAS**, originally, the parties planned for the Project to be designed and constructed as one project; and

**WHEREAS**, pursuant to recent direction provided by the FAA, the parties must divide the Project into three stages, with three designs to be constructed over three fiscal years; and

**WHEREAS**, the parties desire to amend the Agreement to revise the Scope of Services in accordance with FAA direction and to include additional services for design and construction administration necessitated by FAA direction; and

**WHEREAS**, the revisions of this First Amendment require Owner to pay Consultant for additional services in an additional amount of \$414,450.00, thereby extending the contract amount from \$911,150.00 to \$1,325,600.00.

**NOW THEREFORE**, in consideration of the mutual promises set forth in this First Amendment and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. The Agreement is amended to revise the Scope of Services by deleting Attachment “A” in the Agreement, in its entirety, and replacing it with Attachment “A-1”, as provided in this First Amendment.
2. The Agreement is amended to revise the hourly rates by deleting Attachment “B” in the Agreement, its entirety, and replacing it with Attachment “B-1”, as provided in this First Amendment.
3. Owner and Consultant acknowledge and agree that, as of the Effective Date of this First Amendment, Owner has paid Consultant an amount of \$544,509.36 for work completed pursuant to the parties’ original Agreement.
4. Section 3.1 (Payment to the Consultant) of the Agreement is amended to read as follows:

3.1 PAYMENT TO CONSULTANT. The Owner shall pay to the Consultant an amount not to exceed \$1,325,600.00 for all basic services and reimbursable 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 reimburseables 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 the identified Project and the increased amounts are within the appropriate budget identified for the identified Project. Additional Services exceeding \$50,000.00 must have approval by City Council through written amendment to this Agreement.

The Parties acknowledge and agree that, on June 23, 2021, the City Engineer authorized Additional Services in the amount of \$8,925.00 pursuant to the authority granted through this Section 3.1. Further, the Parties acknowledge and agree that said \$8,925.00 is hereby deducted from the \$50,000.00 the City Engineer was permitted to authorize without City Council approval, leaving \$41,075.00 available for Additional Services that may be approved by the City Engineer, without City Council approval, pursuant to this Section 3.1.

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 Services at the rates attached hereto as Attachment "B-1".

5. All terms and conditions of the Agreement except as herein revised, shall remain in full force and effect.

*(Signatures Begin on Following Page)*

**WITNESS THE FOLLOWING SIGNATURES AND SEALS:**

**CITY OF EL PASO**

*Tracey Jerome*  
FOR Cary Westin  
Interim City Manager

**APPROVED AS TO FORM:**

*Roberta Brito*  
Roberta Brito  
Senior Assistant City Attorney

**APPROVED AS TO CONTENT:**

*Yvette Hernandez*  
Yvette Hernandez, P.E.  
City Engineer

**ACKNOWLEDGEMENTS**

**THE STATE OF TEXAS §**  
**§**  
**COUNTY OF EL PASO §**

*TRACEY  
JEROME  
FOR*

This instrument was acknowledged before me on this 30 day of OCTOBER, 2023,  
by Cary Westin, as Interim City Manager of the City of El Paso, Texas.



*MARIANA OROZCO*  
Notary Public, State of Texas

**My commission expires:**

12-01-2026

**(Signatures Continue on Following Page)**

CONSULTANT

*Colin Bible*

Name: Colin Bible

Title: Vice President

ACKNOWLEDGEMENTS

THE STATE OF TEXAS §  
  §  
COUNTY OF EL PASO §

This instrument was acknowledged before me on this 10th day of October, 2023,  
by Colin Bible as Vice President of the Garver, LLC.

*Janet Compton*

Notary Public, State of Texas

My commission expires:

06/26/2025



ATTACHMENT "A1"  
ADDITIONAL SCOPE OF SERVICES



## APPENDIX A (SCOPE OF SERVICES)

Generally, the Scope of Services includes the following professional services for improvements to the Five Node Intersection Remediation at El Paso International Airport. Improvements will consist primarily of reconfiguration of the existing TW D, F, G, H, and extended RW 8R pavement as shown in Exhibit 1. While working through the design process, a funding schedule was identified that was best supported by separating the project into three packages; Stage I, Stage II, and Stage III. Stage I will be bid in summer of 2024. Stage II will be bid in summer of 2025. Stage III will be bid in summer of 2026. Stage II and Stage III will be brought to 100% design package and shelved until ready to bid for construction. Bidding and construction phase services are included in the scope of services for Stage II and III.

Effective from this amendment, the professional services will include:

- Revised Design Services
  - 90%/100% Final Design – Stage I – **FY 2024**
  - 90%/100% Final Design – Stage II – **FY 2025**
  - 90%/100% Final Design – Stage III – **FY 2026**
- Bidding Services – Stage I – *To be performed under previous agreement – **FY 2024***
- Bidding Services – Stage II – **FY 2025**
- Bidding Services – Stage III – **FY 2026**
- Construction Administration Services – Stage I – *To be performed under previous agreement – **FY 2025***
- Construction Administration Services – Stage II – **FY 2026**
- Construction Administration Services – Stage III – **FY 2027**

### **A.1 Geotechnical Services**

Completed under Original Agreement

### **A.2 Surveying Services**

#### A.2.1 Design Surveys

Completed under Original Agreement

#### A.2.2 Property Surveys

Not Applicable

#### A.2.3 Easement Development

Not Applicable

### **A.3 Design Services**

#### A.3.1 General

Garver will prepare detailed construction drawings, specifications, instructions to bidders, and general provisions and special provisions, all based on guides furnished to Garver by the Owner and FAA, or



internally developed by Garver. Contract Documents (Plans, Specifications, and Estimates) will be prepared for award of **three (3) construction contracts**. These designs shall conform to the standards of practice ordinarily used by members of GARVER's profession practicing under similar conditions and shall be submitted to the FAA office from which approval must be obtained.

#### A.3.2 Owner / Agency Coordination

Garver's project manager and/or design team will coordinate with the Owner as necessary to coordinate design decisions, site visits, document procurement, or other design needs.

##### A.3.2.1 *Modifications to Standard*

Garver will develop a modification to standard (MOS) for FAA standard specifications as required. Garver will prepare the necessary MOS documentation for submission to the FAA through the Airport Data and Information Portal (ADIP). Documentation will include details of the defined standard, why the standard cannot be met, viable alternatives, and any necessary restrictions associated with the MOS.

##### A.3.2.2 *Separate Procurement for Special Systems*

Garver will assist with the development of separate procurement documents required by the AIP Handbook including such duties as assembling initial scope of work, equipment procurement requirements, design reviews, cost estimating, and reviewing the manufacturers/system installers invoices and scope of work documents to support the project. This work includes the required correspondence duties with the FAA ADO and PM as outlined in the AIP Handbook.

#### A.3.3 Quality Control

Garver will develop a project specific quality control plan. The quality control plan will include the project background and scope, stakeholder contact information, project team and roles, design criteria, project schedule, and quality control procedures.

Garver will complete a quality control review prior to any design submission to Owner and/or FAA. QC reviews will be completed by a senior construction observer and project manager. Weekly internal progress meetings will be held during all design phases to ensure adequate quality control throughout the design phases.

#### A.3.4 Environmental Coordination

Garver will develop a Stormwater Pollution Prevention Plan (SWPPP), including erosion control plans and details. Prior to construction, the contractor will submit the SWPPP and NOI shall be submitted to the Texas Commission of Environmental Quality (TCEQ) for permitting.

Garver understands that a CATEX has been completed and approved for this project.

#### A.3.5 Construction Safety and Phasing Plan

Garver will develop a construction safety and phasing plan (CSPP) for the project. During development of the CSPP, Garver will hold a meeting with Airport staff and other stakeholders at the Airport's request to obtain feedback regarding operations during each proposed phase of construction.





After receiving comments from the meeting, Garver will develop a preliminary CSPP for the Owner's review prior to submission to the FAA. After incorporating Owner comments, the CSPP will be submitted to FAA for review through the OE/AAA website.

### A.3.6 Existing Conditions Review

#### A.3.6.1 *Record Document Review*

Garver will review record document data from the vicinity of the construction site to evaluate existing conditions. Record document data may include record drawings, record surveys, utility maps, GIS data, and previous design reports.

#### A.3.6.2 *Site Visits*

Garver's civil and electrical engineers will perform up to two (2) site visits to the project site to review existing conditions and evaluate survey and record document data.

### A.3.7 Geometric Design

Garver will provide geometric design in accordance with FAA AC 150/5300-13 (latest edition) or other local standards.

### A.3.8 Modeling

Garver will develop preliminary vertical alignments based on the requirements of FAA AC 150/5300-13 (latest edition). Upon the completion of vertical alignments, assemblies will be developed based on the pavement design and corridors will be modeled for each taxiway and apron alignment. Modeling will include all surface changes from centerline of corridor to tie into existing grade for the project site. At the completion of individual corridor developments, all corridors will be combined into a final grading surface. Modeling will be an iterative process to determine the most efficient design solution.

### A.3.9 Grading and Drainage

Grading and drainage design shall be completed in accordance with FAA AC 150/5300-13 (Airport Design), FAA AC 150-5320-5 (Airport Drainage Design), and applicable local drainage codes.

### A.3.10 Airfield Electrical

#### A.3.10.1 *Airfield Lighting and Signage*

Garver will provide electrical engineering services to design the new lighting improvements on the project including but not limited to the following: runway/taxiway edge lighting, guidance signage, electrical vault modifications, and updates to the Airfield Lighting Control and Monitoring System (ALCMS). Updates to the ALCMS layout will be procured outside of the construction contract in order to comply with FAA procurement protocol.

#### A.3.10.2 *NAVAIDS*

Not Applicable



### A.3.11 Utility Design and Coordination

Not Applicable

### A.3.12 Specifications and Contract Documents

#### A.3.12.1 *Technical Specifications*

Detailed specifications shall be developed using FAA "Standards for Specifying Construction for Airports" AC 150/5370-10 (latest edition) or other appropriate standards approved for use by the FAA. Additional supplementary specifications will be developed for project requirements not covered by FAA AC150/5370-10 or when state or local standards are approved by the FAA.

#### A.3.12.2 *Construction Contract Documents*

Garver will provide proposal forms, instruction to bidders, general conditions, special conditions, and technical specifications for incorporation into City of El Paso Standard Contract. A specimen copy of the General Provisions and applicable prevailing wage rates will be obtained by Garver from the FAA and/or Department of Labor as appropriate for incorporation into the specifications for the proposed project. Final construction contract documents will be submitted to the Owner for final review and approval.

### A.3.13 Quantities and Engineer's Opinion of Probable Cost.

Garver will develop detailed quantities in PDF format for use in construction cost estimating for each design phase. Quantities will be completed by pay item. Upon the completion of quantity development, Garver will review previous cost data and market conditions and complete an Engineer's Opinion of Probable Cost.

### A.3.14 Design Services Submission and Meeting Summary

The following design submittal phases shall be included in the fee summary. A summary of each design phase and the associated review meetings is included below.

#### A.3.14.1 *90% Final Design*

Garver will develop 90% final design plans, specifications, and engineer's report and submit these to the Owner for review. It is anticipated that the Owner will review the design submission within one week.

At the completion of the Owner review period, Garver will meet with the Owner to review the 90% final design plans, specifications, and engineer's report and to receive Owner comments and direction.

#### A.3.14.2 *100% Issued for Bid (IFB)*

Garver will develop 100% IFB plans and specifications and submit these to the Owner for review. It is anticipated that the Owner will review the IFB submission within one week.

## A.4 **Bidding Services**

Garver will assist the negotiating proposals for two prime contracts for construction, materials, equipment and services; and, where applicable, and attend a pre-bid conference. The Owner will pay advertising costs outside of this contract.



Garver will issue addenda as appropriate to interpret, clarify or expand the Bidding Documents. Garver will consult with and advise the Owner as to the acceptability of subcontractors, suppliers and other persons and organizations proposed by the prime contractor(s) (herein called "Contractor(s)") for those portions of the work as to which such acceptability is required by the Bidding Documents. Garver will consult with the Owner concerning and determine the acceptability of substitute materials and equipment proposed by Contractor(s) when substitution prior to the award of contracts is allowed by the Bidding Documents.

Garver will prepare a bid tabulation and assist the Owner in evaluating bids or proposals and in assembling and awarding contracts for construction, materials, equipment, and services. Garver will assist the Owner in the execution of all contract documents and furnish a sufficient number of executed documents for the Owner, Contractor and FAA.

## **A.5 Construction Administration Services**

During the construction phase of work, Garver will accomplish the tasks below.

### **A.5.1 Issued for Construction (IFC) Documents**

Garver will compile bid addendums and any other necessary plan changes due to post-bid project updates and/or funding changes into a final Issued for Construction (IFC) set of plans and specifications.

### **A.5.2 Construction Management Plan**

Garver will prepare a "Construction Management Plan" to be submitted to the Federal Aviation Administration (FAA) for approval. At a minimum, the plan shall list key construction personnel, qualifications of construction management personnel, and materials quality assurance information. The plan will be reviewed by the FAA project manager and must be approved along with the final plans and specifications for construction.

### **A.5.3 Submittals**

Garver will evaluate and respond to construction material submittals and shop drawings. Corrections or comments made by Garver on the shop drawings during this review will not relieve Contractor from compliance with requirements of the drawings and specifications. The check will be for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The Contractor will be responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of all other trades, and performing his work in a safe and satisfactory manner. Garver's review shall not constitute approval of safety precautions or constitute approval of construction means, methods, techniques, sequences, procedures, or assembly of various components. When certification of performance characteristics of materials, systems or equipment is required by the Contract Documents, either directly or implied for a complete and workable system, Garver shall be entitled to rely upon such submittal or implied certification to establish that the materials, systems or equipment will meet the performance criteria required by the Contract Documents.

### **A.5.4 Preconstruction Meeting**

Garver will attend preconstruction meetings for each project. One meeting was covered in the orgig

### **A.5.5 Progress Meetings**



As a minimum, Garver's Project Manager will attend weekly teleconference progress meetings with the Owner and Contractor and monthly site visits. It is expected that meetings will be held on-site and meetings will be held via conference call as listed within the respective fee breakdown. To the extent possible, progress meetings and visits to the site of the work should be scheduled to coincide with each new phase of construction, scheduled FAA inspections, and other times when Garver's presence is desirable. Garver's project engineer or his qualified representative will be available at all times work is in progress for telephone contact by the RPR. Garver's project engineer shall direct, supervise, advise, and counsel the Resident Project Representative and construction observation personnel in the accomplishment of Garver's duties. Garver will prepare for and attend any utility pre-construction meetings as required.

#### A.5.6 Owner Coordination

Garver will consult with and advise the Owner during the construction period. Garver will submit, when requested by the Owner, written reports to the Owner on the progress of the construction including any problem areas that have developed or are anticipated to develop.

#### A.5.7 RFIs

Garver will issue instructions to the Contractor on behalf of the Owner and issue necessary clarifications (respond to RFIs) regarding the construction contract documents.

#### A.5.8 Progress Payments

Not Applicable

#### A.5.9 Payroll Reviews

Not Applicable

#### A.5.10 DBE Compliance

Not Applicable

#### A.5.11 Record Drawings

Garver will maintain a set of working drawings and provide information for preparation of record drawings of the completed project. This information will be incorporated into final record drawings completed as part of Closeout Services (Closeout Services to be provided by others) and final record drawings will be provided to the Owner after project completion.

#### A.5.12 Change Orders

When *authorized by the Owner*, Garver will prepare change orders or supplemental agreements for changes in the work from that originally provided for in the construction contract documents. If redesign or substantial engineering or surveying is required in the preparation of these change order documents, the Owner will pay Garver an additional fee to be agreed upon by the Owner and Garver.

#### A.5.13 Final Inspection

Garver will participate in a pre-final walkthrough with the Owner. Garver will also participate in a final project inspection with the Owner and Contractor, prepare a punch list, review final project closeout documents, and submit the final pay request.



**A.6 On-Site Resident Project Representative Services**

Not Applicable

**A.7 Materials Testing Services**

Not Applicable

**A.8 Project Closeout Services**

Not Applicable

**A.9 Project Deliverables**

The following deliverables will be submitted to the parties identified below. Unless otherwise noted below, all deliverables shall be electronic.

1. 90% Final Design Plans, Specifications, and Report to the Owner.
  - a. Ten hard copies to Owner
2. 100% Issued for Bid Plans, Specifications, and Report to the Owner.
  - a. Three hard copies to the Owner for approval
  - b. Ten hard copies to Owner
3. Issued for Construction Plans and Specifications to the Owner.
  - a. One hard copy of all addenda.
4. Construction Management Plan to the Owner and FAA
5. Approved submittals to the Contractor.
6. Record Plans and Specifications to the Owner and FAA.
  - a. One hard copy to the Owner.
7. Other electronic files as requested.

**A.10 Additional Services**

The following items are not included under this agreement but will be considered as additional services to be added under Amendment if requested by the Owner.

1. Redesign for the Owner's convenience or due to changed conditions after previous alternate direction and/or approval.
2. Front end specifications and construction contract. Garver will provide proposal forms, instruction to bidders, general conditions, special conditions, and technical specifications for incorporation into City of El Paso Standard Contract.
3. Deliverables beyond those listed herein.
4. Design of any utility relocation.
5. Utility Relocation will be identified during the Preliminary Design Phase. If utility relocation is required for the preferred alternative, additional services will be required.
6. Utility Easement Development
7. Engineering, architectural, or other professional services beyond those listed herein.
8. Retaining walls or other significant structural design.
9. Preparation of a Storm Water Pollution Prevention Plan (SWPPP). The construction contract documents will require the Contractor to prepare, maintain, and submit a SWPPP to TCEQ.
10. Attendance of Bid Opening.
11. On-Site Construction Observation, Construction Materials Testing, and Project Closeout Services.



12. Environmental Handling and Documentation, including wetlands identification or mitigation plans or other work related to environmentally or historically (culturally) significant items.
13. Coordination with FEMA and preparation/submittal of a CLOMR and/or LOMR.
14. Services after construction, such as warranty follow-up, operations support, and Part 139 inspection support.
15. Utility Record Drawings developed for Franchise Utilities.
16. Project Construction Staking and Layout
17. Reimbursable Agreement will be coordinated with FAA by the Owner.
18. The owner will prepare and submit the 7460 through OE/AAA and coordinate with FAA. Garver will supply point locations as requested.
19. Review of the Construction Contractor's Progress Payment, Payroll Reviews, and DBE Compliance will be handled by the Construction Manager.

#### **A.11 Schedule**

Garver shall begin work under this Agreement upon execution of this Agreement and shall complete the work to align with the schedule identified in this document. The anticipated design for Stage I, Stage II and Stage III is anticipated to be completed to 100% March 2024.

ATTACHMENT "B1"

CONSULTANT'S FEE PROPOSAL AND NEW HOURLY RATES



**Appendix B1**  
**El Paso International Airport**  
**Five Node Intersection Remediation**  
**Garver Hourly Rate Schedule: July 2023 - June 2024**

Classification	Rates
<b>Engineers / Architects</b>	
E-1.....	\$ 139.00
E-2.....	\$ 165.00
E-3.....	\$ 194.00
E-4.....	\$ 229.00
E-5.....	\$ 286.83
E-6.....	\$ 322.34
<b>Planners / Environmental Specialist</b>	
P-1.....	\$ 177.00
P-2.....	\$ 209.00
P-3.....	\$ 238.00
P-4.....	\$ 269.00
P-5.....	\$ 302.00
P-6.....	\$ 315.00
<b>Designers</b>	
D-1.....	\$ 132.00
D-2.....	\$ 149.00
D-3.....	\$ 177.00
D-4.....	\$ 207.00
<b>Technicians</b>	
T-1.....	\$ 112.00
T-2.....	\$ 153.00
T-3.....	\$ 177.00
<b>Surveyors</b>	
S-1.....	\$ 67.00
S-2.....	\$ 79.00
S-3.....	\$ 110.00
S-4.....	\$ 151.00
S-5.....	\$ 200.00
S-6.....	\$ 233.00
2-Man Crew (Survey).....	\$ 247.00
3-Man Crew (Survey).....	\$ 316.00



2-Man Crew (GPS Survey).....	\$ 275.00
3-Man Crew (GPS Survey).....	\$ 346.00

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**Construction Observation**

C-1.....	\$ 118.00
C-2.....	\$ 149.00
C-3Senior Construction Observer.....	\$ 180.00
C-4.....	\$ 233.00

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**Management/Administration**

M-1	\$ 399.00
X-1.....	\$ 80.00
X-2.....	\$ 103.00
X-3.....	\$ 165.00
X-4.....	\$ 195.00
X-5.....	\$ 205.00
X-6.....	\$ 243.00
X-7.....	\$ 287.00

Agreement for Professional Services  
Five Node Intersection Remediation

Garver Project No. 20A25602

## Appendix B

### El Paso International Airport Five Node Intersection Remediation

#### Amendment No. 2 FEE SUMMARY

<b>Title I Service</b>	<b>Proposed Fees</b>
Final Design - Stage I - FY 2024	\$ 46,200.00
Final Design - Stage II - FY 2025	\$ 70,440.00
Final Design - Stage III - FY 2026	\$ 57,730.00
<b>Subtotal for Title I Service</b>	<b>\$ 174,370.00</b>
<b>Title II Service</b>	<b>Estimated Fees</b>
Bidding Stage I (Covered in Original Agreement) - FY 2024	\$ -
Construction Phase Services - Stage I (Time Reduced from Original Agreement) - FY 2025	\$ (29,634.00)
Bidding - Stage II - FY 2025	\$ 11,600.00
Construction Phase Services - Stage II - FY 2026	\$ 137,808.00
Bidding - Stage III - FY 2026	\$ 9,800.00
Construction Phase Services - Stage III - FY 2027	\$ 110,506.00
<b>Subtotal for Title II Service</b>	<b>\$ 240,080.00</b>
<b>Total All Services</b>	<b>\$ 414,450.00</b>

**Appendix B**

**El Paso International Airport  
Five Node Intersection Remediation**

**FINAL DESIGN - STAGE I (FY2023)**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-3 Project Manager I	E-1 Project Engineer I	C-3 Senior Construction Observer	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Internal Weekly Progress Meetings (1 Meeting)		1		1		1		1
Submittals to Owner/FAA				2				4
<b>Subtotal - Project Management</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>
<b>2. Civil Engineering</b>								
Horizontal Alignments								
Vertical Alignments								
Corridor Model								
<b>Final Plans (100%) - Stage II</b>								
Sheet Index								
Summary of Quantities								
General Project Layout								
Survey Control Plans								
General Notes								
CSPP Sheets								
Erosion Control Sheet Updates		1		4		8		16
Demolition Sheets								
Storm Drain Sheet Updates		1		4		8		16
Typical Sections								
Plan and Profile Sheets								
Grading Sheets								
Restoration Sheets								
Joint Layout Sheets								
Pavement Marking Sheets								
Cross Section Sheets								
General Sheet Review		1		2				
CSPP Review		1		8				
Drainage Design Review								
Constructability Review		1		2				
Quantities and Opinion of Probable Construction Cost				2		4		8
Technical Specifications				2				
Final Design QC Review	4	4		8		8		
<b>Subtotal - Civil Engineering</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>32</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>40</b>

<b>3. Electrical Engineering</b>								
Update CCR Load Calculations								
Temporary Airfield Lighting								
FAA Equipment Coordination		20		40				
<b>Final Plans (100%) - Stage II</b>								
Temporary Airfield Lighting Plans								
Lighting Removal Plans								
Lighting Installation Plans								
Vault Layout Plans								
Edge Light Details								
Signage Details								
FAA Equipment Relocation		8		16		20		16
Quantity Calculations								
Technical Specifications								
Opinion of Probable Cost								
QC Review	2							
<b>Subtotal - Electrical Engineering</b>	<b>2</b>	<b>28</b>	<b>0</b>	<b>56</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>16</b>

Hours 6 38 0 91 0 49 0 61

**SUBTOTAL - SALARIES: \$45,758.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$202.00
Postage/Freight/Courier	\$140.00
Office Supplies/Equipment	\$100.00
Airfare	\$0.00
Mileage/Tolls/Parking	\$0.00
Hotels	\$0.00
Meals	\$0.00
Rental Car	\$0.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$442.00**

**SUBTOTAL: \$46,200.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$46,200.00**

**Appendix B**

**El Paso International Airport  
Five Node Intersection Remediation**

**FINAL DESIGN - STAGE II (FY2024)**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-3 Project Manager I	E-1 Project Engineer I	C-3 Senior Construction Observer	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Internal Weekly Progress Meetings (1 Meeting)		2		2		2		2
Submittals to Owner/FAA				2				4
<b>Subtotal - Project Management</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>
<b>2. Civil Engineering</b>								
Horizontal Alignments				1		2		4
Vertical Alignments				1		2		4
Corridor Model				2		4		4
<b>Final Plans (100%) - Stage II</b>								
Sheet Index								1
Summary of Quantities						1		2
General Project Layout						1		2
Survey Control Plans								1
General Notes								2
CSPP Sheets		1		8		8		16
Erosion Control Sheet Update		1		8		8		16
Demolition Sheets						1		2
Storm Drain Sheet Update		1		8		8		16
Typical Sections								2
Plan and Profile Sheets				1		2		4
Grading Sheets				1		2		4
Restoration Sheets				1		1		4
Joint Layout Sheets				1		2		4
Pavement Marking Sheets				1		2		4
Cross Section Sheets		1		1		4		4
General Sheet Review		1		2				
CSPP Review		2		2				
Drainage Design Review		2		2				
Constructability Review		1		2				
Quantities and Opinion of Probable Construction Cost				2		4		8
Technical Specifications		2		4				
Final Design QC Review	4	4		8		8		
<b>Subtotal - Civil Engineering</b>	<b>4</b>	<b>16</b>	<b>0</b>	<b>56</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>104</b>

<b>3. Electrical Engineering</b>								
Update CCR Load Calculations				1		2		
Temporary Airfield Lighting				1		4		8
FAA Equipment Coordination		4		8				
<b>Final Plans (100%) - Stage II</b>								
Temporary Airfield Lighting Plans				4		8		
Lighting Removal Plans				2		8		8
Lighting Installation Plans				2		8		16
Vault Layout Plans				2		4		
Edge Light Details				2		2		2
Signage Details				2		4		4
FAA Equipment Relocation		2		4		8		
Quantity Calculations				1		6		
Technical Specifications				1		8		
Opinion of Probable Cost				2		8		
QC Review	2	4		4		8		
<b>Subtotal - Electrical Engineering</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>78</b>	<b>0</b>	<b>38</b>

Hours 6 28 0 96 0 140 0 148

**SUBTOTAL - SALARIES: \$70,008.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$202.00
Postage/Freight/Courier	\$130.00
Office Supplies/Equipment	\$100.00
Airfare	\$0.00
Mileage/Tolls/Parking	\$0.00
Hotels	\$0.00
Meals	\$0.00
Rental Car	\$0.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$432.00**

**SUBTOTAL: \$70,440.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$70,440.00**

**Appendix B**

**El Paso International Airport  
Five Node Intersection Remediation**

**FINAL DESIGN - STAGE III (FY 2025)**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-3 Project Manager I	E-1 Project Engineer I	C-3 Senior Construction Observer	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Internal Weekly Progress Meetings (1 Meeting)		2		2		2		2
Submittals to Owner/FAA				2				4
<b>Subtotal - Project Management</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>
<b>2. Civil Engineering</b>								
Horizontal Alignments				1		2		4
Vertical Alignments				1		2		4
Corridor Model				2		4		4
<b>Final Plans (100%) - Stage III</b>								
Sheet Index								1
Summary of Quantities						1		2
General Project Layout						1		2
Survey Control Plans								1
General Notes								2
CSPP Sheets		2		8		8		16
Erosion Control Sheet Update				2		4		8
Demolition Sheets			4			8		16
Storm Drain Sheet Update				2		4		8
Typical Sections				2		4		2
Plan and Profile Sheets				4		8		12
Grading Sheets				4		8		12
Restoration Sheets				1		1		4
Joint Layout Sheets								
Pavement Marking Sheets				1		2		4
Cross Section Sheets		1		4		4		8
General Sheet Review		1		2				
CSPP Review		2		2				
Drainage Design Review		2		2				
Constructability Review		1		2				
Quantities and Opinion of Probable Construction Cost				2		4		8
Technical Specifications		2		4				
Final Design QC Review	2	4		8		8		
<b>Subtotal - Civil Engineering</b>	<b>2</b>	<b>15</b>	<b>4</b>	<b>54</b>	<b>0</b>	<b>73</b>	<b>0</b>	<b>118</b>

<b>3. Electrical Engineering</b>								
Update CCR Load Calculations						2		
Temporary Airfield Lighting				1		4		
<b>Final Plans (100%) - Stage III</b>								
Temporary Airfield Lighting Plans				1		2		
Lighting Removal Plans				1		2		6
Lighting Installation Plans				1		2		6
Vault Layout Plans				1		2		
Edge Light Details				1		2		1
Signage Details				1		2		2
Quantity Calculations				1		2		
Technical Specifications				1		2		
Opinion of Probable Cost				1		2		
QC Review	2	4		4		4		
<b>Subtotal - Electrical Engineering</b>								
	2	4	0	14	0	28	0	15

Hours 4 21 4 72 0 103 0 139

**SUBTOTAL - SALARIES: \$57,352.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$158.00
Postage/Freight/Courier	\$120.00
Office Supplies/Equipment	\$100.00
Airfare	\$0.00
Mileage/Tolls/Parking	\$0.00
Hotels	\$0.00
Meals	\$0.00
Rental Car	\$0.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$378.00**

**SUBTOTAL: \$57,730.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$57,730.00**



## Appendix B

### El Paso International Airport Taxiway K, K1, K2 and J Reconfiguration

#### BIDDING SERVICES - STAGE II (FY2025)

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-3 Project Manager I	E-1 Project Engineer I	C-3 Senior Construction Observer	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Owner Coordination		4						
Prospective bidder outreach				2				
Prepare for and Attend Pre-Bid Meeting		10				4		
Prepare Bid tabulation				1				
Evaluate bids and recommend award		1		1		2		
<b>Subtotal - Project Management</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>2. Civil Engineering</b>								
Addendums/Inquiries		4				12		
<b>Subtotal - Civil Engineering</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>
<b>3. Electrical Engineering</b>								
Addendums/Inquiries				4		8		
<b>Subtotal - Electrical Engineering</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>

<b>Hours</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>
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**SUBTOTAL - SALARIES: \$10,866.00**

#### **DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$59.00
Postage/Freight/Courier	\$50.00
Office Supplies/Equipment	\$50.00
Airfare	\$350.00
Mileage/Tolls/Parking	\$50.00
Hotels	\$100.00
Meals	\$25.00
Rental Car	\$50.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$734.00**

**SUBTOTAL: \$11,600.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$11,600.00**

**Appendix B**

**El Paso International Airport  
Taxiway K, K1, K2 and J Reconfiguration**

**BIDDING SERVICES - STAGE III (FY2026)**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-3 Project Manager I	E-1 Project Engineer I	C-3 Senior Construction Observer	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Owner Coordination		4						
Prospective bidder outreach				2				
Prepare for and Attend Pre-Bid Meeting		10				4		
Prepare Bid tabulation				1				
Evaluate bids and recommend award		1		1		2		
<b>Subtotal - Project Management</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>
<b>2. Civil Engineering</b>								
Addendums/Inquiries		1				4		
<b>Subtotal - Civil Engineering</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>3. Electrical Engineering</b>								
Addendums/Inquiries				4		8		
<b>Subtotal - Electrical Engineering</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>

<b>Hours</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>0</b>
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**SUBTOTAL - SALARIES: \$9,102.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$23.00
Postage/Freight/Courier	\$50.00
Office Supplies/Equipment	\$50.00
Airfare	\$350.00
Mileage/Tolls/Parking	\$50.00
Hotels	\$100.00
Meals	\$25.00
Rental Car	\$50.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$698.00**

**SUBTOTAL: \$9,800.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$9,800.00**

**Appendix B**

**El Paso International Airport  
Taxiway K, K1, K2 and J Reconfiguration  
Stage I (FY2024)**

**CONSTRUCTION PHASE SERVICES (Time and Materials)  
Reduced from Assumed 300 Calendar Day Construction to 240 Day  
Construction**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-2 Project Engineer II	E-1 Project Engineer I	P-2 Senior Planner	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Weekly Progress Teleconference (reduction of 9 meetings)		-9		-9				
Coordination with RPR		-10		-8				
Progress Meetings with Contractor/City (reduction of 3 meetings)		-30		-30				
<b>Subtotal - Project Management</b>	<b>0</b>	<b>-49</b>	<b>0</b>	<b>-47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2. Civil Engineering</b>								
Review Construction Survey and Quantity Verification						-4		
FAA and Airport Coordination		-4						
Material Testing Summary Log		-2				-4		
<b>Subtotal - Civil Engineering</b>	<b>0</b>	<b>-6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-8</b>	<b>0</b>	<b>0</b>
<b>3. Electrical Engineering</b>								
Weekly Progress Teleconference (reduction of 3 meetings)				-3				
<b>Subtotal - Electrical Engineering</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Hours 0 -55 0 -50 0 -8 0 0

**SUBTOTAL - SALARIES: -\$26,764.00**

**DIRECT NON-LABOR EXPENSES**

Airfare	(\$2,100.00)
Mileage/Tolls/Parking	(\$300.00)
Hotels	(\$600.00)
Meals	(\$300.00)
Rental Car	(\$210.00)

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: -\$2,870.00**

**SUBTOTAL: -\$29,634.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: -\$29,634.00**

**Appendix B**

**El Paso International Airport  
Taxiway K, K1, K2 and J Reconfiguration  
Stage II (FY2025)**

**CONSTRUCTION PHASE SERVICES (Time and Materials)  
Assumed 120 Calendar Day Construction**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-2 Project Engineer II	E-1 Project Engineer I	P-2 Senior Planner	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Compile Issue for Construction Documents (IFC)		2		8		8		8
Prepare for, attend, and conduct pre-construction meeting		12		12				
Weekly Progress Teleconference (17 meetings)		17		17				
Coordination with RPR		60		30				
Progress Meetings with Contractor/City (2 meetings)		20		20				
Prepare for, attend, and conduct pre-pave meeting		12		12				
<b>Subtotal - Project Management</b>	<b>0</b>	<b>123</b>	<b>0</b>	<b>99</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>
<b>2. Civil Engineering</b>								
Coordination with Materials Testing Lab and PWL Calculations		16				20		
Material Submittal Reviews		8				32		
RFI Responses		30				24		
Review Construction Survey and Quantity Verification		4				12		
Review Change Orders		6				10		
FAA and Airport Coordination		20		4				
Preliminary Punchlist Meeting		12						
Final Completion Walk-through		10						
Record Drawing Completion		2		4		20		
<b>Subtotal - Civil Engineering</b>	<b>0</b>	<b>108</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>118</b>	<b>0</b>	<b>0</b>
<b>3. Electrical Engineering</b>								
Weekly Progress Teleconference (8 meetings)				8				
Coordination with RPR				16		8		
Coordination with Contractor				20				
Progress Meetings with Contractor/City (1 meeting)				10				
Material Submittal Reviews				4		12		
RFI Responses				12		20		
Final Completion Walk-through				10				
<b>Subtotal - Electrical Engineering</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>

Hours 0 231 0 187 0 166 0 8

**SUBTOTAL - SALARIES: \$129,832.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$306.00
Postage/Freight/Courier	\$120.00
Office Supplies/Equipment	\$100.00
Airfare	\$4,400.00
Mileage/Tolls/Parking	\$550.00
Hotels	\$1,150.00
Meals	\$550.00
Rental Car	\$800.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$7,976.00**

**SUBTOTAL: \$137,808.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$137,808.00**

**Appendix B**

**El Paso International Airport  
Taxiway K, K1, K2 and J Reconfiguration  
Stage III (FY2026)**

**CONSTRUCTION PHASE SERVICES (Time and Materials)  
Assumed 60 Calendar Day Construction**

WORK TASK DESCRIPTION	E-6 Senior Project Manager	E-5 Project Manager III	E-4 Project Manager II	E-3 Project Manager I	E-2 Project Engineer II	E-1 Project Engineer I	P-2 Senior Planner	T-2 Technician
	hr	hr	hr	hr	hr	hr	hr	hr
<b>1. Project Management</b>								
Compile Issue for Construction Documents (IFC)		2		8		8		8
Prepare for, attend, and conduct pre-construction meeting		12		12				
Weekly Progress Teleconference (9 meetings)		9		9				
Coordination with RPR		40		20				
Progress Meetings with Contractor/City (1 meetings)		10		10				
Prepare for, attend, and conduct pre-pave meeting		12		12				
<b>Subtotal - Project Management</b>	<b>0</b>	<b>85</b>	<b>0</b>	<b>71</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>
<b>2. Civil Engineering</b>								
Coordination with Materials Testing Lab and PWL Calculations		10				16		
Material Submittal Reviews		8				24		
RFI Responses		20				20		
Review Construction Survey and Quantity Verification		4				12		
Review Change Orders		6				10		
FAA and Airport Coordination		20		4				
Preliminary Punchlist Meeting		12						
Final Completion Walk-through		10						
Record Drawing Completion		2		4		20		
<b>Subtotal - Civil Engineering</b>	<b>0</b>	<b>92</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>102</b>	<b>0</b>	<b>0</b>
<b>3. Electrical Engineering</b>								
Weekly Progress Teleconference (4 meetings)				4				
Coordination with RPR				12		8		
Coordination with Contractor				10				
Progress Meetings with Contractor/City (1 meeting)				10				
Material Submittal Reviews				4		12		
RFI Responses				8		16		
Final Completion Walk-through				10				
<b>Subtotal - Electrical Engineering</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>0</b>

Hours 0 177 0 137 0 146 0 8

**SUBTOTAL - SALARIES: \$104,295.00**

**DIRECT NON-LABOR EXPENSES**

Document Printing/Reproduction/Assembly	\$276.00
Postage/Freight/Courier	\$95.00
Office Supplies/Equipment	\$100.00
Airfare	\$3,300.00
Mileage/Tolls/Parking	\$550.00
Hotels	\$850.00
Meals	\$440.00
Rental Car	\$600.00

**SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$6,211.00**

**SUBTOTAL: \$110,506.00**

**SUBCONSULTANTS FEE: \$0.00**

**TOTAL FEE: \$110,506.00**