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Runway 36L EMAS Removal Environmental Assessment

Scope of Services






Runway 36L EMAS Removal Environmental Assessment Scope of Services



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Laredo, Webb County, Texas



Prepared by RS&H, Inc. at the
direction of the City of Laredo

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INTRODUCTION

This document describes the technical approach to the scope of services necessary for the successful completion of an Environmental Assessment (EA) for the removal of the Engineered Material Arresting System (EMAS) for Runway 36L (Proposed Action) at Laredo International Airport (Airport or LRD). Additional project components include providing a standard runway safety area (RSA) for Runway 36L, extending an existing runway to provide sufficient runway length to accommodate the critical aircraft operating at LRD, extending existing taxiways (as needed), and potentially relocating existing navigational aids (NAVAIDs). As applied, these tasks will meet all necessary requirements of the National Environmental Policy Act (NEPA), Federal Aviation Administration (FAA) Order 1050.1F, *Environmental Impacts: Policies and Procedures*, FAA Order 5050.4B, *National Environmental Policy Act (NEPA) Implementing Instructions for Airport Actions*, other FAA Orders, guidance, Advisory Circulars (ACs), all special purpose laws, and federal, state, and local laws and regulations. Consistent with FAA guidance, the EA will be completed with the required one-year timeframe and will be no longer than 75 pages.¹

TASK 1 SCOPE DEVELOPMENT

The RS&H Team has prepared this draft scope of services for review by the City of Laredo (City) and the Federal Aviation Administration (FAA). This portion of the process will begin with the verification and identification of potential project impacts to be addressed in the EA. Additionally, the level of analysis for the potential project impacts will be determined. It is anticipated that the draft scope of services will be reviewed by Airport staff, as well as the FAA, and that the RS&H Team will need to make refinements before the scope of services is finalized and a contract is executed. The RS&H Team will coordinate with Airport staff and anticipates one (1) round of revisions before the scope is finalized. It is assumed that Airport staff will deliver all documents to the FAA on behalf of RS&H.

Task 1 Deliverables

The following deliverables are anticipated for Task 1:

- » RS&H will deliver one (1) electronic version of the draft scope of services in Word format to Airport staff for review and comment.
- » RS&H will deliver one (1) electronic version of the revised draft scope of services in Word format to Airport staff to deliver to the FAA for review and comment.
- » RS&H will deliver one (1) electronic version of the final scope of services in PDF format to Airport staff, who will deliver to the FAA.
- » It is assumed that one (1) electronic version of the final scope of services will be needed to complete the Independent Fee Estimate (IFE), which RS&H will provide in PDF format.

Task 1 Meetings

The following meeting is anticipated for Task 1:

- » Up to two (2) RS&H Team members will participate in a maximum of two (2) conference calls to discuss comments and/or responses to comments on the scope of services.

¹ A page is generally defined a full-page of text of about 500 words with no graphics or tables. If a page has a split page of text and a graphic or table, the page will not be included in the 75-page count.

TASK 2 KICKOFF MEETING

The RS&H Team will coordinate and facilitate a meeting for the purposes of outlining the tasks and responsibilities for the data collection and scoping sessions. Additional items to be discussed at the meeting are the proposed EA schedule and the Project Management Plan. Questions regarding project logistics (e.g., invoicing format, document and graphics standards, Administrative File requirements, and Airport Team directory) and coordination procedures (e.g., specific email subject line, etc.) will also be addressed during this meeting.

This meeting is projected to occur as soon as possible following the notice to proceed and signed contract from the City. Key RS&H Team members will attend the meeting virtually. RS&H will set up the virtual meeting and this meeting will be facilitated by the RS&H Team Project Manager. An agenda for the meeting will be prepared for Airport staff review and approval prior to the meeting.

Task 2 Deliverables

The following deliverables are anticipated for Task 2:

- » RS&H will deliver one (1) electronic version of the kickoff meeting agenda electronically in Word format to Airport staff for review and approval.

Task 2 Meetings

The following meetings are anticipated for Task 2:

- » Up to five (5) RS&H Team members will participate in the virtual kickoff meeting.

TASK 3 DATA COLLECTION

The RS&H Team will review the relevant documents that have been previously prepared for the City. Data already collected will be considered accurate, provided the information is no greater than three years old. Where data collection will be necessary, it is described in the appropriate environmental topic. Additional data will be collected as part of Task 7.

Task 3 Deliverables

The following deliverables are anticipated for Task 3:

- » No deliverables are anticipated for this task.

Task 3 Meetings

The following meetings are anticipated for Task 3:

- » Up to two (2) RS&H Team members will participate in no more than four (4) conference calls for data collection needs.

TASK 4 VERIFY FORECASTS, PURPOSE AND NEED, ALTERNATIVES, AND PROJECT DESCRIPTION,

Task 4.1 Verify Forecasts

Acceptable aviation operations forecasts are critical to assessing the environmental impacts of a Proposed Action. The RS&H Team will base its analyses on the forecasts being prepared for the Master Plan Update and compare the data with the FAA's most recent Terminal Area Forecasts (TAF) for the Airport. If the

forecasts are within ten percent of the TAF,² the RS&H Team will use the forecasts for the opening project plus five years' time period. However, if the forecasts are more than ten percent, the RS&H Team will work with Airport staff to resolve any inconsistencies between the data.

Task 4.2 Purpose and Need Statement

The RS&H Team will develop a Purpose and Need statement as directed in FAA Order 1050.1F to succinctly describe the objectives to be achieved by the Proposed Action. The statement will be described in terms understandable to individuals who are not familiar with aviation activities.

The draft Purpose statement will describe what problems the Airport is trying to solve regarding the EMAS on Runway 36L. The draft Need statement will describe why Airport staff wish and need to solve those problems. It will also provide the parameters that will help define the range of alternatives to be considered in the EA. The RS&H Team will set up a conference call that includes Airport staff and the FAA for purposes of discussing the Purpose and Need statement.

The RS&H Team will submit one (1) electronic version of the draft Purpose and Need chapter (to be Chapter 2 of the EA) to Airport staff and the FAA for review.

Task 4.3 Identification and Evaluation of Alternatives

Criteria for evaluating alternatives and determining whether an alternative is considered in the EA will be explained. The RS&H Team will prepare text, charts and tables to show how the alternatives were evaluated and show which alternatives would be considered for evaluation in the EA. The RS&H Team will set up a conference call that includes Airport staff and the FAA for purposes of discussing the Alternatives screening process.

The RS&H Team will submit one (1) electronic version of the draft Alternatives chapter (to be included as Chapter 3 of the EA) to Airport staff and the FAA for review and comment.

Task 4.4 Description of Proposed Action

Upon completion of the Alternatives evaluation (see Task 4.3), the RS&H Team will coordinate with Airport staff to fully describe the Proposed Action and all the various components of the Proposed Action. Each component will be described and identified in terms of phasing. The RS&H Team will use graphics to depict the various components of the Proposed Action. The RS&H Team will set up a conference call that includes Airport staff and the FAA for purposes of finalizing the Description of the Proposed Action.

The RS&H Team will submit one (1) electronic version of the draft Description of the Proposed Action chapter (to be Chapter 1 of the EA) to Airport staff and the FAA for review.

Task 4 Deliverables

The following deliverables are anticipated for Task 4:

² FAA, Advisory Circular (AC) No.: 150/5070-6B, *Airport Master Plans, Change 2*. July 29, 2005.

- » The RS&H Team will provide one (1) electronic version of the draft Forecast in Word format to Airport staff for review. Airport staff will submit one (1) electronic version of the draft Forecast to the FAA for review.
- » The RS&H Team will provide one (1) electronic version of the draft Purpose and Need chapter in Word format to Airport staff for review. Airport staff will submit one (1) electronic version of the draft Purpose and Need chapter to the FAA for review.
- » The RS&H Team will provide one (1) electronic version of the draft Alternatives chapter in Word format to Airport staff for review. Airport staff will submit one (1) electronic version of the draft Alternatives chapter to the FAA for review.
- » The RS&H Team will provide one (1) electronic version of the draft Description of the Proposed Action chapter in Word format to Airport staff for review. Airport staff will submit one (1) electronic version of the draft Description of the Proposed Action chapter to the FAA for review.

Task 4 Meetings

The following meetings are anticipated for Task 4:

- » Up to two (2) RS&H Team members will participate in one (1) conference call with Airport staff and the FAA to discuss the Purpose and Need statement.
- » Up to two (2) RS&H Team members will participate in one (1) conference call with Airport staff and the FAA to discuss the Alternatives screening process.
- » Up to two (2) RS&H Team members will participate in one (1) conference call with Airport staff and the FAA to discuss the Description of Proposed Action.

TASK 5 SCOPING

According to FAA Order 1050.1F, scoping for an EA is an optional task. However, given the magnitude of the Proposed Action and the amount of public interest expected, RS&H is recommending that a scoping session be held.

Task 5.1 Approach and Logistics for Scoping Meeting

The RS&H Team will provide all coordination, logistics, and facilitate a scoping session for agency representatives having responsibilities on the EA and a scoping session for the general public. The agency scoping session will occur during regular working hours to maximize attendance by agency officials. The public scoping session will occur on a Tuesday, Wednesday, or Thursday during afternoon and/or evening hours to maximize attendance by the general public. The RS&H Team will prepare a Notice of Preparation for publication in a local newspaper and on the Airport's website at least 20 days prior to the scoping meeting. The Notice of Preparation will advise the public of the preparation of the EA.

The RS&H Team will be responsible for:

- » identifying the agencies to be invited;
- » preparing the letter/informational package inviting agency representatives to attend the agency scoping meeting;
- » preparing the notice of the public scoping meeting;

- » developing the logistics for the agency and public scoping meeting;
- » preparing all materials to be used;
- » reproduction of all materials to be used;
- » attending, participating, and facilitating the agency scoping session; and
- » Attending, participating, and facilitating the public scoping meeting.

It is assumed that the scoping meeting will be held at the Joe E. Guerra Public Library. The RS&H Team will be responsible for publication of the notice of the public scoping meeting in the local newspaper and developing the key stakeholder mailing list (see Task 13.2).

Task 5.2 Collateral Materials for Scoping Meeting

The RS&H Team will prepare collateral materials (print) for the scoping meeting. These materials, which could include sign-in sheets, fact sheets, informational displays, and comment sheets, will be provided to Airport staff and the FAA for review and approval before production of the materials.

Task 5.3 Attendance at Scoping Meeting

The RS&H Team envisions the agency scoping meeting to consist of a formal presentation to the attendees followed by a session for agency representatives to ask questions and provide input into the scope of the EA. The RS&H Team will prepare a draft presentation for Airport staff and the FAA for review and comment. The RS&H Team will facilitate this meeting.

The public scoping meeting is envisioned to be in a workshop format. The public will be able to view informational displays explaining the EA process and identifying the issues to be studied (topics divided into stations), ask questions of Airport staff and the RS&H Team, and provide written comments at the meeting. The RS&H Team will facilitate this meeting.

Task 5.4 Scoping Report

Based on the comments received during the agency and public scoping meetings, the RS&H Team will prepare a scoping report that summarizes the comments received and how those comments will be addressed in the EA.

Task 5 Deliverables

The following deliverables are anticipated for Task 5:

- » The RS&H Team will prepare one (1) electronic version of the agency invitation letter/package and agency invitation list in Word format for Airport staff and FAA review and comment. The revised agency letter/package will be mailed or emailed to the agencies.
- » The RS&H Team will prepare one (1) electronic version of the agency scoping presentation in PowerPoint format for Airport staff and FAA review and comment. The revised agency scoping presentation will be used during the agency scoping meeting.
- » The RS&H Team will prepare one (1) electronic version in Word format of the public scoping notice for Airport staff and FAA review and comment. The revised public scoping notice will be published on the Airport's website and in one (1) local newspaper.

- » The RS&H Team will prepare up to twenty (20) station displays in PowerPoint format for Airport staff and FAA review and comment. Revised station displays will be printed for use at the scoping meeting.
- » The RS&H Team will prepare one (1) version in Word format of the scoping meeting sign-in sheets for Airport staff and FAA review and comment. The revised sign-in sheets will be used at the scoping meeting in print format.
- » The RS&H Team will prepare one (1) version in Word format of the scoping meeting comment sheets for Airport staff and FAA review and comment. The revised comment sheets will be used at the scoping meeting in print format.
- » The RS&H Team will prepare and print name badges for all Airport staff, RS&H Team staff, and FAA staff attending the scoping meeting.
- » The RS&H Team will prepare one (1) electronic version in PDF and Word format a scoping report for Airport staff review and comment.
- » The RS&H Team will prepare one (1) electronic version in PDF and Word format a revised scoping report for FAA review and comment.

Task 5 Meetings

The following meetings are anticipated for Task 5:

- » Up to five (5) RS&H Team members will participate for two (2) days in the agency scoping meeting and the public scoping meeting.

TASK 6 AFFECTED ENVIRONMENT

The RS&H Team will document the existing conditions for the proposed project site. The RS&H Team will develop two study areas that will be used throughout the EA. The boundaries of the first study area will be the same as the boundaries of the Airport. This study area, which will be called the “project study area”, will be used for all environmental impact categories that could result in impacts due to physical construction of the project. The second study area will be based on impacts associated with noise, air pollutant emissions, and surface traffic. This second study area, which will be called the “general study area”, will be used for all environmental impact categories that could result in impacts to areas outside the project study area. These study areas will be presented on base maps using geographic information system (GIS) and will be provided to the Airport and FAA for review and comment.

The description of existing conditions will describe the 2024 conditions, the last full year which data is available, for the environmental impact categories identified in FAA Order 1050.1F, Section 4-1. The RS&H Team will rely primarily on the data contained in previous studies and other materials already prepared by the City and will supplement and update that data as appropriate. The RS&H Team will independently verify data to be used that is not collected by RS&H Team members. Where data collection is necessary, it is described in the appropriate environmental impact category in Task 7.

Task 6.1 Air Quality

Ada County (County), where the Airport is located, has been designated by the U.S. Environmental Protection Agency (USEPA) as in attainment for all criteria air pollutants.

Task 6.2 Biological Resources

The RS&H Team will describe existing conditions regarding biological resources within the project study area. This will include narrative accounts and maps of the biological resources with attention to special status species and their habitats. Any special status species listed under the Endangered Species Act or critical habitat designated within the project study area will be identified and described.

Task 6.3 Climate

The affected environment for climate extends well beyond the boundaries of the Airport. The general study area will be used. The RS&H Team will outline the role and contribution of aviation on global climate change.

Task 6.4 Coastal Resources

The RS&H Team will confirm that no coastal resources exist in the vicinity of the general study area and that no further analysis is required.

Task 6.5 Department of Transportation, Section 4(f)

Section 4(f) of the Department of Transportation Act of 1966 is currently codified as 49 USC Section 303(c). The RS&H Team will identify any publicly owned park, recreation area, wildlife refuge, or historic site (using the information developed for Task 6.8) within the general study area. Additionally, properties having received Land and Water Conservation Funds under Section 6(f) from the Department of the Interior will be identified within the general study area. Section 4(f) and Section 6(f) properties within the general study area will be shown on a GIS base map.

Task 6.6 Farmlands

The RS&H Team will confirm that no prime or unique farmlands exist in the vicinity of the general study area and that no further analysis is required.

Task 6.7 Hazardous Materials, Solid Waste, and Pollution Prevention

The RS&H Team will summarize the affected environment for hazardous materials, solid waste, and pollution prevention based on the Phase 1 Site Assessments and other hazardous materials studies provided by the Airport.

The RS&H Team will also identify local waste disposal facilities and summarize the local disposal capacities for solid and hazardous wastes.

Existing pollution prevention plans or programs at the Airport will be summarized including those applicable to project construction and operation.

Task 6.8 Historical, Architectural, Archaeological, and Cultural Resources

The RS&H Team will conduct a records search and a site reconnaissance to describe any potential cultural resources in the Area of Potential Effect (APE), which will be the same as the Project Study Area.

Task 6.9 Land Use

The RS&H Team will review relevant data and plans such as local zoning plans, land-use plans, and political jurisdiction plans, among others to prepare a narrative describing the existing local land uses and planned and future land uses in the project study area.

Task 6.10 Natural Resources and Energy Supply

The RS&H Team will gather relevant data and describe the existing utilities used at the Airport including power, sewage, fuel, natural gas, water. Additionally, utilities and resources required during construction will be identified such as asphalt, water, fuel, and aggregate and where the suppliers are located.

Task 6.11 Noise and Noise-Compatible Land Use

The RS&H Team will describe the existing noise environment at the Airport by computing noise levels for 2025 using FAA's most recent Aviation Environmental Design Tool (AEDT). The noise contours will be based on extrapolating the data from the recently completed Noise Exposure Maps (NEMs) prepared for the Airport. All noise-sensitive land uses in the general study area will be identified and mapped.

Task 6.12 Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks

Task 6.12.1 Socioeconomics

The RS&H Team will gather relevant data related to socioeconomics within the general study area and will provide a narrative that describes the existing population levels, employment rates, housing occupancy rates, and surface traffic routes.

Task 6.12.2 Children's Environmental Health and Safety Risks

The RS&H Team will gather relevant data related to children's environmental health and safety risks within the general study area and will provide a narrative that describes the existing population grouped by age range and the number of schools, day cares, parks, and children's health centers.

Task 6.13 Visual Effects

Task 6.13.1 Light Emissions

The RS&H Team will describe the existing sources of light emissions from the Airport.

Task 6.13.2 Visual Resources and Visual Character

The RS&H Team will describe the existing visual environment of the Airport.

Task 6.14 Water Resources

Task 6.14.1 Wetlands

The RS&H Team will use the National Wetlands Inventory (NWI) to identify any wetlands within the project study area.

Task 6.14.2 Floodplains

The RS&H Team will identify any regulated 100-year floodplains located within the project study area using the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) and will provide a narrative that describes existing 100-year floodplain conditions within the project study area. If

regulated 100-year floodplains are located within the project study area, they will be mapped on a GIS base map.

Task 6.14.3 Surface Waters

The RS&H Team will review and document existing surface water quality conditions in the project study area. The RS&H Team will summarize the governing regulations related to water quality in the project study area including state and federal regulations and existing surface water quality permits that apply to activities in the project study area.

Task 6.14.4 Groundwater

The RS&H Team will review and document existing groundwater quality conditions in the project study area. The RS&H Team will summarize the governing regulations related to groundwater quality in the project study area and existing water quality permits that apply to activities in the project study area.

Task 6.14.5 Wild and Scenic Rivers

The RS&H Team will confirm that no wild and scenic rivers exist in the vicinity of the general study area and that no further analysis is required.

Task 6.15 Reasonably Foreseeable Projects

This task identifies and describes reasonably foreseeable actions that, when considered in combination with the Proposed Action, could contribute to potentially significant impacts. Projects included in this task will represent those undertaken or regulated by the Airport or within a one-mile radius from the Airport.

Task 6 Deliverables

The following deliverables are anticipated for Task 6:

- » The RS&H Team will submit one (1) electronic version of the two study areas depicted on maps in PDF format to Airport staff and the FAA for review and comment.
- » The RS&H Team will prepare one (1) electronic version of the draft Affected Environment chapter in Word format for Airport staff review and comment. The Airport will deliver one (1) electronic version of the draft Affected Environment chapter to the FAA for review. The revised Affected Environment chapter will be included as Chapter 4 in the EA.
- » The RS&H Team will provide GPS survey data including, pertinent Civil 3D CAD files, field notes, sketches, and points lists as requested.

Task 6 Meetings

- » No meetings are anticipated for this Task 6.

TASK 7 ENVIRONMENTAL CONSEQUENCES

The following describes each of the environmental impact categories included in FAA Order 1050.1F, Section 4-1 and the methods to be used to address the impacts of the Proposed Action, each reasonable alternative, and the No Action Alternative in an equal level of detail.

Task 7.1 Air Quality

The Airport is currently in an area designated by USEPA as in attainment for all criteria air pollutants. As a result, the focus on this analysis will be on construction-related air pollutant emissions only. The proposal

does not include operational impacts from any changes in runways or taxiways. At this time, the RS&H Team does not anticipate that the Proposed Action and reasonable alternatives would substantially change the air pollutant emissions associated with the operation of the Airport. This is because none of those actions would substantially change the airport's operational or vehicular traffic levels. Those levels would occur with or without the Proposed Action. If operational impacts are required, the RS&H Team can prepare a scope of work and cost estimate to include such activities. The RS&H Team will prepare a construction emissions inventory to demonstrate that the emissions from such activities would not result in the potential for pollutant concentrations to exceed the National Ambient Air Quality Standards (NAAQS).

The RS&H Team will calculate the air pollutant emissions related to the construction of the Proposed Project using the MOVES and TexN2 air quality models. The information will be used in the MOVES and TexN2 models to determine air pollutant emissions related to construction activities. Information regarding the equipment utilization, activity level, and timing information for the construction projects that will be required to perform these calculations will be supplied as part of the project description. Construction emissions will be calculated for the worst-case day of construction for each component of the project. Overall, construction emissions include, but are not limited to, estimation of construction type; materials used; number, type, duration, and intensity of construction equipment usage; vehicle miles traveled; ambient meteorological conditions; fuel type used; and anticipated quantity of materials consumed. It is not anticipated that the construction of the Proposed Project would result in a *de minimis* exceedance.

Because the project is in an area designated by USEPA as attainment, no General Conformity determination will need to be made. However, for transparency, construction emissions will be compared to the USEPA *de minimis* levels to demonstrate that emissions will not exceed the NAAQS. This scope assumes that construction emissions will be below *de minimis* levels and no further analysis will be necessary. A separate scope of work and cost estimate will be provided if net emissions are above *de minimis* levels.

Task 7.2 Biological Resources

The RS&H Team will analyze the extent to which terrestrial biological resources would be affected by the Proposed Action and any reasonable alternatives compared against the No Action Alternative. Terrestrial biological resources include species listed as threatened or endangered under the Endangered Species Act and/or stated protected species, native plant species, and common vegetation and wildlife. The RS&H Team assumes that because the project study area is already disturbed by Airport activities, no endangered or threatened species occur in the project study area and that no further analysis or Endangered Species Act consultation is required.

Task 7.3 Climate

The Consultant will follow the FAA guidance for greenhouse gases (GHG) in accordance with the FAA 1050.F Desk Reference. The RS&H Team will provide a list of gasses commonly associated with airport activities, which were prepared for the air quality analysis and that also contribute to climate change. These gasses and their global warming potential will also be disclosed.

Task 7.4 Department of Transportation, Section 4(f)

The RS&H Team will evaluate any Section 4(f) identified properties where physical or constructive use could occur. The RS&H Team will use the requirements in FAA Order 1050.1F, Appendix B, Section B-2 to assess whether properties may be affected and the level of physical use or constructive use on the property. If there is use of the affected Section 4(f) property, the RS&H Team will identify mitigation measures that will result in a reduction in the impact to the Section 4(f) property. The FAA can make a *de minimis* impact determination in regard to physical use of the property, after taking into account measures to minimize harm that result in no adverse effect to the property. If the FAA cannot make a *de minimis* impact determination, then a Section 4(f) evaluation must be prepared and included as part of the EA review process. This evaluation must determine if there is a feasible and prudent alternative that avoids use of the Section 4(f) property. In order for the FAA to approve use of Section 4(f) property, the Section 4(f) evaluation must conclude the required finding that there are no feasible and prudent alternatives that avoids use of the property and the project includes all possible planning to minimize harm resulting from the use. As part of this review, the RS&H Team also will determine if any Section 4(f) property that is being affected by the Proposed Action and any reasonable alternatives has received any Land and Water Conservation Funds under Section 6(f) from the Department of the Interior. If the property did receive any such funds, the RS&H Team will work with the FAA to complete applicable Section 6(f) requirements.

Task 7.5 Hazardous Materials, Solid Waste, and Pollution Prevention

On the basis of previous hazardous materials studies provided by Airport staff, the RS&H Team will discuss the impacts to hazards and hazardous materials that would occur as a result of the implementation of the Proposed Action and any reasonable alternatives. The RS&H Team will incorporate the results, conclusions, and recommendations contained in hazardous materials studies into the Draft EA, including any applicable mitigation measures.

The RS&H Team will identify types and quantities of solid waste that would be generated by the implementation of the Proposed Action and reasonable alternatives, and describe how the solid waste would be stored, managed, and disposed.

The RS&H Team will describe pollution prevention activities, plans, programs, or policies that would be undertaken during construction and operation to avoid, prevent, or reduce pollutant discharges or emissions, potential for accidental discharges, and methods to control spills and any other unauthorized releases.

The RS&H Team will evaluate impacts based on the consideration of the following factors: potential to violate applicable federal, state, tribal, or local laws or regulations regarding hazardous materials and/or solid waste management; involve a contaminated site; produce an appreciably different quantity or type of solid or hazardous waste; exceed local disposal capacity; or adversely affect human health or the environment.

Task 7.6 Historical, Architectural, Archaeological, and Cultural Resources

The RS&H Team will evaluate the potential impacts associated with the Proposed Action and reasonable alternatives on these resources by using the prepared documents as discussed in Task 6.8. The RS&H Team will summarize the results of the updated research conducted and the results of the consultation into the EA. If needed, the RS&H Team will discuss mitigation measures needed to reduce potential impacts to cultural resources.

Task 7.7 Land Use

The RS&H Team will analyze the consistency of the Proposed Action and reasonable alternatives with local adopted plans and policies, including the City of Laredo *Comprehensive Plan*, the local zoning ordinances. This section will determine if there are any compatibility issues from development of the Proposed Action and alternatives based on existing and future planned uses. This section will also include discussion of the required airport sponsor land use assurance letter.

Task 7.8 Natural Resources and Energy Supply

The RS&H Team will disclose any changes in energy consumption that would occur as a result of the Proposed Action and reasonable alternatives, including energy consumption that will occur during construction. The impacts to existing utility providers servicing the area such as electricity, water and sewage would be evaluated based on the changes from the Proposed Action and reasonable alternatives.

Using information provided by Airport staff, the RS&H Team will discuss the sustainable practices that are currently used by the City or that the City would employ and how the Proposed Action would be implemented in accordance with the City's sustainability practices.

Task 7.9 Noise and Noise-Compatible Land Use

The Proposed Action would not result in any increases in aircraft operations or change in aircraft type at the Airport. However, because the potential exists for a shift in a runway end, the FAA will require that a noise analysis be conducted to identify the changes in operational noise impacts as well as the temporary noise impacts that would occur during construction. In addition, noise associated with construction activities would be identified.

The RS&H Team will create noise modeling scenarios for each year of construction. For the No Action scenario, the runway use will remain the same as 2024. For the Proposed Action, the phasing developed as part of the Description of the Proposed Action (see Task 4.4) will determine the noise modeling scenarios for the construction years. For the future final build-out year, noise modeling scenarios will be created that show the completion of the Proposed Action.

It is assumed that interim and permanent flight procedures will be developed to use for this task. Based on this information, the RS&H Team will run the four modeling scenarios through AEDT to generate Day-Night Average Sound Level (DNL) contour sets, including only DNL 65, 70, and 75 dB contours, and will overlay the resulting contour sets over an aerial base map. Six graphics will result: (1) Existing Conditions DNL, (2) No Action construction year DNL contours displayed over land use, (3) construction year 1 DNL contours during the construction of the Proposed Action, (4) construction year 2 DNL contours during the

construction of the Proposed Action, (5) the future build-out year DNL contours for the No Action Alternative, and (6) the future build-out year DNL contours for the Proposed Action. Per FAA Orders 1050.1F and 5050.4B, the RS&H Team will determine and report all noise-sensitive parcels (residences, schools, places of worship, etc.) that experience an increase of 1.5 dB or greater increase within the 65 DNL contour with the Proposed Action as compared to the No Action. In addition, the RS&H Team will determine and report all noise-sensitive parcels that moved into higher 5-dB contour bands between the 65- and 75-dB contours.

In addition, the RS&H Team will use the information on construction activities obtained for Task 4.4 to determine and report noise expected from construction activities.

The RS&H Team will develop a draft technical memorandum describing the methodology, AEDT scenario modeling inputs, the noise exposure graphics, and a summary of the construction activity noise and emissions. Following receipt of written comments from Airport staff and the FAA, the RS&H Team will issue a revised final technical memorandum.

Task 7.10 Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks

Task 7.10.1 Socioeconomics (including Surface Traffic)

The RS&H Team will identify and disclose any potential impacts as a result of the Proposed Action and reasonable alternatives on population exposure.

The RS&H Team will identify the impacts associated with temporary changes in traffic patterns in the general study area.

Task 7.10.2 Children’s Environmental Health and Safety Risks

The RS&H Team will identify and disclose any potential impacts as a result of the Proposed Action and reasonable alternatives on the population of children and children’s facilities.

Task 7.11 Visual Effects

Task 7.11.1 Light Emissions

The RS&H Team will describe the extent to which any lighting associated with the Proposed Action and reasonable alternatives would create an annoyance for people in the project study area or interfere with their normal activities. This analysis will include an assessment of changes in the night sky that could occur as a result of the Proposed Action and each reasonable alternative.

Task 7.11.2 Visual Resources and Visual Character

The RS&H Team will describe the change in visual resources and visual character that would occur with the Proposed Action and reasonable alternatives and determine mitigation measures to reduce these impacts.

Task 7.12 Water Resources

Task 7.12.1 Wetlands

The RS&H Team will analyze the extent to which wetlands would be affected during the construction phases of the Proposed Action and reasonable alternatives compared against the No Action Alternative. This will be done by consulting the National Wetlands Inventory.

Task 7.12.2 Floodplains

The RS&H Team will disclose any regulated 100-year floodplains within the project study area and identify any potential impacts from encroachment or alteration of the floodplains as a result of the Proposed Action and reasonable alternatives. If encroachment or alteration occurs, the RS&H Team will estimate the volume of encroachment based on the footprint of the Proposed Action and reasonable alternatives. The RS&H Team will review and outline potential mitigation opportunities for any unavoidable impacts identified for the Proposed Action and reasonable alternatives. For purposes of this scope of services, a Conditional Letter of Map Revision (CLOMR) will not need to be submitted to FEMA for the Proposed Action or any reasonable alternative. Results from Task 6.16 for earthmoving quantities will be incorporated into this discussion.

Task 7.12.3 Surface Waters

The RS&H Team will identify the potential impacts to water quality associated with the Proposed Action and reasonable alternatives. The RS&H Team will review the potential impacts to water quality from stormwater runoff. For normal rain events, the RS&H Team will review potential impacts of the Proposed Action and reasonable alternatives with regard to the conventional pollutants that can exist in normal runoff from paved surfaces. These will be reviewed in reference to the existing water quality permits that regulate these types of discharges in the project study area and the benchmarks that have been established to protect adjacent surface waters. In addition, the RS&H Team will review potential impacts associated with stormwater runoff from construction activities. The RS&H Team will review the various mitigation methods available for minimizing the potential impacts to water quality from the Proposed Action and reasonable alternatives and determine if any changes to existing NPDES permits will be required. Results from Task 6.16 for earthmoving quantities will be incorporated into this discussion.

The RS&H Team will calculate and compare pre- and post-development stormwater runoff quantities using applicable rainfall data and design methods. The RS&H Team will recommend Best Management Practices (BMPs) to mitigate any increase in stormwater runoff as a result of the Proposed Action and reasonable alternatives. For the purposes of this scope of services, the analysis will be limited to the Proposed Action and reasonable alternatives.

Task 7.12.4 Groundwater

The RS&H Team will analyze potential impacts from the Proposed Action and reasonable alternatives on groundwater recharge and supply and if it would affect public health. The RS&H Team will also analyze if the Proposed Action and reasonable alternatives would cause groundwater quality to exceed federal, state, and/or local standards.

Task 7.13 Reasonably Foreseeable Impacts

The RS&H Team will determine if the effects of reasonably foreseeable development at the Airport and within all of the study areas identified in Task 6.15 would, in combination with those project-related impacts, exceed a threshold of significant impact.

Task 7 Deliverables

The following deliverables are anticipated for Task 7:

- » The RS&H Team will prepare one (1) electronic version of the draft Environmental Consequences chapter in Word format for Airport staff review and comment. The Airport will deliver one (1) electronic version of the draft Environmental Consequences chapter to the FAA for review. The revised Environmental Consequences chapter will be incorporated into the Draft EA as Chapter 5.

Task 7 Meetings

No meetings are anticipated for Task 7.

TASK 8 PREPARE PRELIMINARY DRAFT EA

The following sections of the preliminary Draft EA shall be prepared. These include:

- » Cover Page
- » Table of Contents
- » Glossary and Abbreviations
- » Chapter 1 – Introduction and Proposed Action
- » Chapter 2 – Purpose and Need
- » Chapter 3 – Alternatives
- » Chapter 4 – Affected Environment
- » Chapter 5 – Environmental Consequences and Mitigation
- » Chapter 6 – List of Preparers
- » Chapter 7 – Consultation
- » Chapter 8 – Footnotes and References
- » Appendices (as appropriate)

The RS&H Team will submit chapters to Airport staff as the section is completed. The intent behind this approach is to streamline the review process. Upon review of all sections by Airport staff, the RS&H Team will prepare a preliminary Draft EA and submit an electronic version to Airport staff to submit to the FAA in PDF format for FAA review and comment.

Task 8 Deliverables

The following deliverables are anticipated for Task 8:

- » RS&H will deliver one (1) electronic version of the preliminary Draft EA in PDF format to Airport staff via the RS&H Team's file delivery FTP site.
- » RS&H will deliver two (2) hard copies of the preliminary Draft EA to the FAA via FedEx to facilitate FAA Line of Business review.

Task 8 Meetings

The following meetings are anticipated for Task 8:

- » Up to four (4) RS&H Team members will participate in up to two (2) conference calls with Airport staff to discuss the preliminary Draft EA.

TASK 9 DRAFT EA PUBLICATION**Task 9.1 Finalize Draft EA**

Following Airport staff and FAA review on the preliminary Draft EA from Task 8, the RS&H Team will review and address Airport staff and FAA comments.

Task 9.2 Draft EA Production

The RS&H Team will produce up to fifteen (15) hard copies of the Draft EA for distribution. The RS&H Team will distribute up to 11 hard copies of the Draft EA based on the mailing list described in Task 13.2. The RS&H Team will provide a copy of the Draft EA in electronic format for Airport staff to place on the Airport website. In addition, one (1) hard copy of the Draft EA will be placed at a local library, one (1) hard copy at the Airport's offices, and one (1) hard copy at the FAA offices in Fort Worth.

Task 9.3 Draft EA Notice of Availability

The RS&H Team will publish a Notice of Availability in one (1) local newspaper of general circulation.

Task 9 Deliverables

The following deliverables are anticipated for Task 9:

- » The RS&H Team will print three (3) hard copies of the Draft EA.
 - The RS&H Team will place one (1) hard copy of the Draft EA in one (1) local library.
 - The RS&H Team will place one (1) hard copy of the Draft EA at the Airport's offices.
 - The RS&H Team will place one (1) hard copy of the Draft EA at the FAA offices in Fort Worth.
- » The RS&H will distribute up to eleven (11) hard copies of the Draft EA based on the mailing list.
- » The RS&H Team will print the Notice of Availability in one (1) local newspaper.

Text 9 Meetings

The following meetings are anticipated for Task 9:

- » Two (2) RS&H Team members will participate in up to two (2) conference calls with Airport staff and the FAA to coordinate the Draft EA publication and the Notice of Availability.

TASK 10 PUBLIC WORKSHOP**Task 10.1 Approach and Arrange Logistics for Public Workshop**

The RS&H Team will provide all coordination, logistics, and facilitate a public workshop to be held during the 30-day comment period on the Draft EA. The public workshop will occur during afternoon and/or evening hours to maximize attendance by the general public and will be 90 minutes in duration.

It is assumed that the public workshop will be held at the Joe E. Guerra Public Library. The RS&H Team will be responsible for preparation and publication of the notice of the public workshops in one (1) local newspaper and on the Airport's website at least 30 days prior to the public workshop.

Task 10.2 Collateral Materials for Public Workshop

The RS&H Team will prepare collateral materials for the public workshop. These materials, which could include sign-in sheets, fact sheets, informational displays, and comment sheets, will be provided to Airport staff and the FAA for approval before production of the materials.

Task 10.3 Attendance at Public Workshop

The RS&H Team will facilitate the public workshop for the Draft EA. The workshop will be an open house format for the public to explore various stations to learn about the issues associated with the Proposed Action and any reasonable alternatives. The public will be able to view informational displays explaining the process and identifying the issues to be studied (at different stations), ask questions of Airport staff and the RS&H Team, and provide written comments. A court reporter will be provided to record all public comments made during the public workshop.

Task 10 Deliverables

The following deliverables are anticipated for Task 10:

- » The RS&H Team will prepare one (1) electronic version in Word format of the public workshop notice for Airport staff and FAA review and comment. The revised public workshop notice will be published on the Airport website and in up to one (1) local newspaper.
- » The RS&H Team will prepare up to twenty (20) station displays in PowerPoint format for Airport staff and FAA review and comment. Revised station displays will be printed for use at the public workshop.
- » The RS&H Team will prepare one (1) version in Word format of the public workshop sign-in sheets for Airport staff and FAA review and comment. The revised sign-in sheets will be used at the public workshop in print format.
- » The RS&H Team will prepare one (1) version in Word format of the public workshop comment sheets for Airport staff and FAA review and comment. The revised comment sheets will be used at the public workshop in print format.
- » The RS&H Team will prepare and print name badges for all Airport staff, RS&H Team staff, and FAA staff attending the public workshop.
- » The RS&H Team will provide for one (1) court reporter to attend the public workshop and record public comments.

Task 10 Meetings

The following meetings are anticipated for Task 10:

- » Up to five (5) RS&H Team members will participate for two (2) days in the public workshop for the Draft EA.

TASK 11 PREPARE PRELIMINARY FINAL EA

Following a 30-day comment period in which the public workshop will occur, the RS&H Team will collect, review, summarize, and respond to all agency and public comments. A response to comments document will be produced by the RS&H Team for review and comment by the Airport. The format of the response to comments document will include a section on changes to the Draft EA and will be dependent on the number and type of comments received during the 30-day comment period and could include the preparation of detailed master responses. The RS&H Team will participate in one conference call with Airport staff and the FAA to finalize the format for the response to comments document after the completion of the 30-day comment period. The RS&H Team will submit an electronic version of the preliminary Final EA to Airport staff for review and comment. This will include each comment letter bracketed for individual comments.

The following sections of the preliminary Final EA shall be prepared. These include:

- » Cover Page
- » Table of Contents
- » Glossary, Abbreviations
- » Chapter 1 – Introduction and Proposed Action
- » Chapter 2 – Purpose and Need
- » Chapter 3 – Alternatives
- » Chapter 4 – Affected Environment
- » Chapter 5 – Environmental Consequences and Mitigation
- » Chapter 6 – List of Preparers
- » Chapter 7 – Consultation
- » Chapter 8 – Footnotes and References
- » Chapter 9 – Comments and Responses to Comments on Draft EA
- » Appendices (as appropriate)

The RS&H Team will prepare a preliminary Final EA and submit an electronic version to Airport staff in Word format for review and comment.

After review by Airport staff, the RS&H Team will revise the document and prepare a preliminary Final EA and submit an electronic version for Airport staff to submit to the FAA in Word format for review and comment. The RS&H Team will have a working meeting with Airport staff and the FAA to finalize the preliminary Final EA and get the document ready for a 30-day legal sufficiency review.

Task 11 Deliverables

The following deliverables are anticipated for Task 11:

- » The RS&H Team will deliver one (1) electronic version of the preliminary Final EA in Word format to Airport staff.

- » The RS&H Team will deliver one (1) electronic version of the preliminary Final EA in Word format to Airport staff who will submit the document to the FAA for legal sufficiency review.

Task 11 Meetings

The following meetings are anticipated for Task 11:

- » Up to four (4) RS&H Team members will participate in one (1) conference call with Airport staff to finalize the format of responses to comments on the Draft EA.

TASK 12 PUBLISH FINAL EA

It is anticipated that the response to comments document will be produced as a separate section within the Final EA. The RS&H Team will produce fifteen (15) hard copies of the Final EA. The RS&H Team will distribute up to 11 hard copies of the Final EA based on the mailing list described in Task 13.2 (with any updates that have occurred since the mailing of the Draft EA). The RS&H Team will provide a copy of the Final EA in electronic format for Airport staff to place on the Airport website. In addition, one (1) hard copy of the Draft EA will be placed at a local library, one (1) hard copy at the Airport's offices, and one (1) hard copy at the FAA offices in Fort Worth.

The RS&H Team will publish a Notice of Availability regarding the Final EA and the Finding of No Significant Impact (FONSI) in one (1) local newspaper of general circulation.

Task 12 Deliverables

The following deliverables are anticipated for Task 12:

- » The RS&H Team will print three (3) hard copies of the Final EA.
 - The RS&H Team will place one (1) hard copy of the Final EA in one (1) local library.
 - The RS&H Team will place one (1) hard copy of the Final EA at the Airport's offices.
 - The RS&H Team will place one (1) hard copy of the Final EA at the FAA offices in Fort Worth.
- » The RS&H will distribute up to eleven (11) hard copies of the Final EA based on the mailing list.
- » The RS&H Team will print the Notice of Availability in one (1) local newspaper.

Task 12 Meetings

The following meetings are anticipated for Task 12:

- » Two (2) RS&H Team members will participate in up to two (2) conference calls with Airport staff and the FAA to coordinate publication of the Final EA and the Notice of Availability.

TASK 13 PUBLIC OUTREACH

Task 13.1 Public Involvement Plan

In working with Airport staff, the RS&H Team will develop a Public Involvement Plan (PIP) for the EA and submit the PIP to Airport staff and the FAA for review and comment. The PIP will include the following:

- » goals and strategies for the public involvement effort;
- » timeline of public meetings associated with the EA;
- » strategic approach for website updates and presentation materials; and

- » identification of key stakeholders and distribution strategy that will be included in a project database and resulting mailing list for use in distributing project materials.

The PIP will delineate public outreach roles and responsibilities between members of the RS&H Team, Airport staff and the FAA.

The PIP will be reviewed and approved by Airport staff and the FAA prior to implementation of any public involvement efforts.

Task 13.2 Key Stakeholder / Mailing List

The RS&H Team will develop an agency and stakeholder list as a start to an overall mailing list for the project. This list will be reviewed by Airport staff and the FAA. In addition, the mailing list will be updated throughout the process to include agencies, organizations, and members of the general public who express a desire to be added to the mailing list.

Task 13 Deliverables

The following deliverables are anticipated for Task 13:

- » The RS&H Team will deliver one (1) electronic version of a draft Public Involvement Plan in Word format for Airport staff review and comment.
- » The RS&H Team will deliver one (1) electronic version of the final Public Involvement Plan in PDF format to Airport staff.
- » The RS&H Team will deliver one (1) electronic version copy of the Key Stakeholder / Mailing List in Word or Excel format to Airport staff for review and comment. Updated lists will be delivered electronically to Airport staff for review, as needed.

Task 13 Meetings

The following meetings are anticipated for Task 13:

- » No meetings are anticipated for Task 13.

TASK 14 PROJECT MANAGEMENT

Task 14.1 Project Management Plan

The RS&H Team will prepare a Project Management Plan and submit this plan to Airport staff electronically in Word format for review and approval. The Project Management Plan will discuss the following topics:

- » protocol for overseeing preparation of work products;
- » preparation of a project schedule, monitor project progress to meet milestones for deliverables, and revise the project schedule as issues arise;
- » preparation of a Quality Control and Quality Assurance (QA/QC) Plan;
- » management of subconsultants;
- » development of project work breakdown structures;
- » communication protocols;

- » documentation efforts for all communications with the FAA, regulatory agencies, and internal team members;
- » an EA style guide;
- » development of a secure web-based location to share information and provide project-related updates; and
- » preparation of contract documents and invoices.

The revised Project Management Plan, based on Airport staff comments, will be distributed electronically to each member of the RS&H Team for reference.

Task 14.2 Airport Coordination

The RS&H Team will conduct monthly coordination meetings in the form of a conference call that will include Airport staff and the FAA (as needed). The RS&H Team will establish a call-in number, develop an agenda, which will include status reports on all aspects of the project as well as action items and assignments, for each conference call. Other agencies and stakeholders can be invited to participate in the monthly conference call, as appropriate. The monthly conference calls will begin after the kickoff meeting (see Task 2.1) and occur throughout the EA process. It is envisioned that this will result in up to twelve (12) conference calls.

Task 14.3 Consultant Coordination

The RS&H Team will hold bi-weekly conference calls to facilitate coordination among the subconsultant team members including status updates and progress of each task, schedule, and budget performance. It is envisioned that this will result in up to twenty-six (26) conference calls.

Task 14.4 Project Management Tasks

Task 14.4.1 Project Invoices

The RS&H Team will provide monthly invoices to Airport staff for approval and processing. The format of these invoices will be discussed and agreed upon with Airport staff during the project Kickoff Meeting (see Task 2.1). It is anticipated that there will be up to twelve (12) invoices prepared as part of the EA.

Task 14.4.2 Progress Reports

As part of the monthly invoice, the RS&H Team will provide Airport staff with a one-page, bullet point summary of the progress or status on the project schedule, upcoming milestones, budget, issues, action items, and completion of tasks. It is anticipated that there will be up to twelve (12) progress reports prepared as part of the EA.

Task 14.4.3 Project Budget

The RS&H Team has given careful attention to the development of this scope of services for this EA in order to match the necessary effort to each scope item. The budget status will be updated and managed on a monthly basis to allow reporting of work completed to date compared to budget expended to ensure all services are completed within the approved budget. It is anticipated that the RS&H Team Project Manager will actively monitor and make budget adjustments on a bi-weekly basis throughout the entire project.

Task 14.4.4 Project Schedule

The RS&H Team will establish an EA schedule or timeline for Airport staff review and comment. The schedule will be refined throughout the EA process as needed and will include meetings, task completion dates, major milestones, etc. The refined schedule will clearly indicate decision points beyond which work will not proceed without Airport staff review and approval. It is anticipated that the RS&H Team Project Manager will actively monitor and make schedule adjustments on bi-weekly basis throughout the entire project.

Task 14.5 Administrative File

The RS&H Team will prepare the protocol for developing and maintaining the Administrative File (A/F) for the project. This protocol document will be submitted to Airport staff for review and approval. It is assumed that the Airport will submit the protocol to the FAA for review and approval. The A/F Protocol will discuss what materials will constitute the administrative record, how those materials will be maintained, and the responsibilities of each member of the RS&H Team and Airport staff for the development and maintenance of the A/F.

This task provides for the assembly, management, and maintenance of the A/F for the EA. The A/F provides a digital catalog and electronic and paper copy of all information used in developing the methodology, analysis, and the decision-making process for the EA. The information contained in this file may have to be included in the Administrative Record. This file serves as a centrally located, organized library for use by the project staff.

Task 14.5.1 Database to Organize the Administrative File

The records management team will establish and maintain a Laredo International Airport Environmental Assessment Records Management System (RMS), which will include an Electronic Document Repository housing images of A/F documents, data-entry profiles, and other related information. The electronic document repository and database will be housed on a records management server at RS&H. An electronic document repository will be matched to the project electronic document repository for remote upload purposes. The database fields will include, but are not limited to:

- » Document number
- » Document title/description
- » Document publication date
- » Document author
- » Document recipient
- » Document number of pages
- » Document category
- » Document sub-category
- » Document revisions (by author and name)

At the discretion of Airport staff, additional information may be included in the database.

Task 14.5.2 Category and Sub-Category List

A Category and Sub-Category List to categorize documents by subject matter for entry into the A/F database will be developed and maintained by the RS&H Team. The initial Category/Sub-Category List will be expanded as determined by the subject of the documents included in the A/F.

Task 14.5.3 Maintenance of Administrative File

Pre-existing project-related documents will be imaged using appropriate quality/speed scanners. Documents to be imaged will be identified by the RS&H Team Project Manager. The RS&H Team will submit a listing of any pre-existing documents it proposes to scan to the FAA prior to scanning to ascertain whether a scanned version of the document already exists and will use existing scanned versions when available to avoid duplicative labor and cost effort. Document imaging will be provided for project-related A/F documents, as determined by the RS&H Team (based on size of document), over the life of the project.

Hard-copy or electronic documents authorized to become a part of the A/F will be indexed, verified, prepped, imaged, and filed. Upon completion of the imaging process, all metadata and images will be uploaded to the project repository for access.

The RS&H Team Project Manager will periodically review the documents entered into the A/F File to ensure that: (a) documents are filed in numeric sequence; (b) database entry is consistent with style and format established; (c) documents are placed in the proper folders in the Project File; and (d) all additions or revisions to the Categories/Sub-categories are consistent with the direction given.

Task 14.5.4 Administrative File Project Coordination

Coordination meetings will be conducted with all staff responsible for the maintenance and integrity of the A/F. The purpose of these meetings will be to reinforce the purpose of file organization and maintenance, responsibility of project staff relating to project documents, and to answer questions or address database cataloging or filing issues.

Team records management coordination efforts will also be conducted via frequently emailed Records Management Updates to the Project Team. The updates will provide specific instructions, advisories, and changes or enhancements to the established records management procedures.

Task 14.5.5 Establish and Maintain Administrative File Access by Airport Staff

Develop and maintain a password protected website to allow Airport staff to access the A/F as the EA progresses.

The RS&H Team Project Manager will maintain and update the Administrative File weekly to ensure that all project documents are being recorded and captured. Therefore, it is anticipated that there will be at least fifty-two (52) Administrative File updates conducted as part of the EA.

In addition, at the end of the EA process, the RS&H Team will forward the Administrative File to the FAA.

Task 14 Deliverables

The following deliverables are anticipated for Task 14:

- » The RS&H Team will deliver one (1) electronic version of the Project Management Plan in Word format to Airport staff for review.
- » The RS&H Team will deliver one (1) electronic version of monthly invoices, which also will contain the monthly progress report. It is anticipated that up to twelve (12) monthly invoices and progress reports will result from this EA.
- » The RS&H Team will deliver one (1) electronic version of the Draft EA schedule to Airport staff for review and comment.
- » The RS&H Team will deliver one (1) electronic version of the Administrative File Protocol document in Word format to Airport staff for review.
- » The RS&H Team anticipates up to fifty-two (52) Administrative File updates.
- » The RS&H Team will deliver one (1) electronic version of the Administrative File to the FAA at the completion of the EA process.

Task 14 Meetings

The following meetings are anticipated for Task 14:

- » Up to six (6) RS&H Team members will participate in twenty-six (26) bi-weekly conference calls to facilitate Team Coordination.
- » Up to two (2) RS&H Team members will participate in twelve (12) monthly conference calls with Airport staff and the FAA (as needed).
- » Up to three (3) RS&H Team members will participate in twenty-six (26) bi-weekly Administrative File Coordination conference calls.

TASK 15 OPTIONAL TASK: PLANNING FOR AN EXTENDED TAXIWAY

The RS&H Team will conduct a planning exercise to determine the need for an extended taxiway if the runway is extended. This task will be valuable in understanding the need for an extended taxiway and in understanding specifics associated with taxiway design. This optional task will be subject to a separate fee.

ATTACHMENT “C”
COMPENSATION FOR CONSULTANT SERVICES RELATED
TO BASIC CONTRACT

RS&H Inc. Proposal dated April 22, 2025



Laredo International Airport
Runway 36L EMAS Removal EA
Project Cost

22-Apr-24

	RS&H Cost
Task 1 - Scope Development	\$ 3,000
Task 2 - Kickoff Meeting	\$ 6,000
Task 3 - Data Collection	\$ 7,460
Task 4 - Verify Forecasts, Purpose and Need, Alternatives, and Description of Proposed Action	
Task 4.1 - Verify Forecasts	\$ 1,000
Task 4.2 - Purpose and Need Statement	\$ 5,660
Task 4.3 - Identification and Evaluation of Alternatives	\$ 15,160
Task 4.4 - Description of Proposed Action	\$ 11,660
Subtotal Task 4 - Verify Forecasts, Purpose and Need, Alternatives, and Description of Proposed Action	\$ 33,480
Task 5 - Scoping	
Task 5.1 - Approach and Logistics for Scoping Meetings	\$ 4,000
Task 5.2 - Collateral Materials for Scoping Meetings	\$ 2,000
Task 5.3 - Attendance at Scoping Meetings	\$ 9,680
Task 5.4 - Scoping Report	\$ 4,000
Subtotal Task 5 - Scoping	\$ 19,680
Task 6 - Affected Environment	
Task 6.1 - Air Quality	\$ 810
Task 6.2 - Biological Resources	\$ 1,200
Task 6.3 - Climate	\$ 270
Task 6.4 - Coastal Resources	\$ 125
Task 6.5 - Department of Transportation, Section 4(f) Lands	\$ 1,000
Task 6.6 - Farmlands	\$ 125
Task 6.7 - Hazardous Materials, Pollution Prevention, and Solid Waste	\$ 400
Task 6.8 - Historical, Architectural, Archaeological, and Cultural Resources	\$ 400
Task 6.9 - Land Use	\$ 1,000
Task 6.10 - Natural Resources and Energy Supply	\$ 400
Task 6.11 - Noise and Noise-Compatible Land Use	\$ 8,100
Task 6.12 - Socioeconomics and Children's Environmental Health and Safety Risks	
Task 6.12.1 - Socioeconomics	\$ 400
Task 6.12.2 - Children's Environmental Health and Safety Risks	\$ 200
Task 6.13 - Visual Effects	
Task 6.13.1 - Light Emissions	\$ 200
Task 6.13.2 - Visual Resources and Visual Character	\$ 200
Task 6.14 - Water Resources	
Task 6.14.1 - Wetlands	\$ 800
Task 6.14.2 - Floodplains	\$ 400
Task 6.14.3 - Surface Waters	\$ 200
Task 6.14.4 - Groundwater	\$ 200
Task 6.14.5 - Wild and Scenic Rivers	\$ 200
Task 6.15 - Cumulative Impacts	\$ 400
Subtotal Task 6 - Affected Environment	\$ 17,030
Task 7 - Environmental Consequences	
Task 7.1 - Air Quality	\$ 5,600
Task 7.2 - Biological Resources	\$ 800
Task 7.3 - Climate	\$ 540
Task 7.4 - Coastal Resources	\$ -
Task 7.4 - Department of Transportation, Section 4(f) Lands	\$ 1,000
Task 7.6 - Farmlands	\$ -
Task 7.5 - Hazardous Materials, Pollution Prevention, and Solid Waste	\$ 200
Task 7.6 - Historical, Architectural, Archaeological, and Cultural Resources	\$ 400
Task 7.7 - Land Use	\$ 250
Task 7.8 - Natural Resources and Energy Supply	\$ 400
Task 7.9 - Noise and Noise-Compatible Land Use	\$ 43,200
Task 7.10 - Socioeconomics and Children's Environmental Health and Safety Risks	
Task 7.10.1 - Socioeconomics	\$ 400
Task 7.10.2 - Children's Environmental Health and Safety Risks	\$ 400
Task 7.11 - Visual Effects	
Task 7.11.1 - Light Emissions	\$ 400
Task 7.11.2 - Visual Resources and Visual Character	\$ 400
Task 7.12 - Water Resources	
Task 7.12.1 - Wetlands	\$ 400
Task 7.12.2 - Floodplains	\$ 400
Task 7.12.3 - Surface Waters	\$ 200
Task 7.14.4 - Groundwater	\$ 200
Task 7.12.5 - Wild and Scenic Rivers	\$ -
Task 7.13 - Cumulative Impacts	\$ 11,180
Subtotal Task 7 - Environmental Consequences	\$ 66,370
Task 8 - Prepare Preliminary Draft EA	\$ 13,880
Task 9 - Draft EA Publication	
Task 9.1 - Finalize Draft EA	\$ 5,100
Task 9.2 - Draft EA Production	\$ 4,000
Task 9.3 - Draft EA Notice of Availability	\$ 1,000
Subtotal Task 9 - Draft EA Publication	\$ 10,100
Task 10 - Public Workshops	
Task 10.1 - Approach and Logistics for Public Workshops	\$ 4,000
Task 10.2 - Collateral Materials for Public Workshops	\$ 2,000
Task 10.3 - Attendance at Public Workshops	\$ 9,680
Subtotal Task 10 - Public Workshops	\$ 15,680
Task 11 - Prepare Preliminary Final EA	\$ 18,880
Task 12 - Publish Final EA	\$ 4,000
Task 13 - Public Outreach	
Task 13.1 - Public Involvement Plan	\$ 3,000
Task 13.2 - Key Stakeholder / Mailing List	\$ 1,500
Subtotal Task 13 - Public Outreach	\$ 4,500
Task 14 - Project Management	
Task 14.1 - Project Management Plan	\$ 4,440
Task 14.2 - Airport Coordination	\$ 9,000
Task 14.3 - Consultant Coordination	\$ 1,500
Task 14.4 - Project Management Tasks	
Task 14.4.1 - Project Invoices	\$ 5,160
Task 14.4.2 - Progress Reports	\$ 5,160
Task 14.4.3 - Project Budget	\$ 1,500
Task 14.4.4 - Project Schedule	\$ 1,500
Task 14.5 - Administrative File	
Task 14.5.1 - Database to Organize the Administrative File	\$ 4,500
Task 14.5.2 - Category and Sub-Category List	\$ 1,000
Task 14.5.3 - Maintenance of Administrative File	\$ 1,750
Task 14.5.4 - Administrative File Project Coordination	\$ 1,750
Task 14.5.5 - Establish and Maintain Administrative File Access by the Client	\$ 1,000
Subtotal Task 14 - Project Management	\$ 38,260
Labor Total	\$ 258,320
Other Direct Non-Labor Costs	\$ 14,500
Travel	\$ 11,904
TOTAL FEE	\$284,724



Laredo International Airport
Runway 36L EMAS Removal EA
Project Cost

Labor Cost:

	Labor Title Category:																Total Hours	Total Cost
	Full	Erion	McMath	M Alberts	Binggeli	Philipson	Lickus	Fesanco	Morris	O'Krongley	Hippchen	Lopez	Novak	Archibeque	Butler			
Proposed Rate:	\$ 500	\$ 250	\$ 165	\$ 270	\$ 200	\$ 135	\$ 125	\$ 115	\$ 180	\$ 350	\$ 290	\$ 210	\$ 295	\$ 195	\$ 105			
Task 1 - Scope Development	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	8	\$3,000	
Task 2 - Kickoff Meeting	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	16	\$6,000	
Task 3 - Data Collection	2	10	0	4	4	8	8	0	0	0	0	0	0	0	0	36	\$7,460	
Task 4 - Develop Forecasts,Purpose and Need, Alternatives, and Project Description,																		
Task 4.1 - Verify Forecasts	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	\$1,000	
Task 4.2 - Purpose and Need Statement	4	12	4	0	0	0	0	0	0	0	0	0	0	0	0	20	\$5,660	
Task 4.3 - Identification and Evaluation of Alternatives	8	24	4	0	0	0	36	0	0	0	0	0	0	0	0	72	\$15,160	
Task 4.4 - Description of Proposed Action	4	24	4	0	0	0	24	0	0	0	0	0	0	0	0	56	\$11,660	
Subtotal Task 4 - Identification and Evaluation of Alternatives	16	64	12	0	0	0	60	0	0	0	0	0	0	0	0	152	\$33,480	
Task 5 - Scoping																		
Task 5.1 - Approach and Logistics for Scoping Meetings	2	8	0	0	0	0	8	0	0	0	0	0	0	0	0	18	\$4,000	
Task 5.2 - Collateral Materials for Scoping Meetings	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	\$2,000	
Task 5.3 - Attendance at Scoping Meetings	8	8	0	0	8	8	8	0	0	0	0	0	0	0	0	40	\$9,680	
Task 5.4 - Scoping Report	2	6	0	0	0	0	12	0	0	0	0	0	0	0	0	20	\$4,000	
Subtotal Task 5 - Scoping	16	22	0	0	8	8	28	0	0	0	0	0	0	0	0	82	\$15,680	
Task 6 - Affected Environment																		
Task 6.1 - Air Quality	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6	\$810	
Task 6.2 - Biological Resources	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6	\$1,200	
Task 6.3 - Climate	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	\$270	
Task 6.4 - Coastal Resources	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	\$125	
Task 6.5 - Department of Transportation, Section 4(f) Lands	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8	\$1,000	
Task 6.6 - Farmlands	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	\$125	
Task 6.7 - Hazardous Materials, Pollution Prevention, and Solid Waste	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 6.8 - Historical, Architectural, Archaeological, and Cultural Resources	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 6.9 - Land Use	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8	\$1,000	
Task 6.10 - Natural Resources and Energy Supply	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 6.11 - Noise and Noise-Compatible Land Use	0	0	0	20	0	20	0	0	0	0	0	0	0	0	0	40	\$8,100	
Task 7.12 - Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks																		
Task 6.12.1 - Socioeconomics	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 6.12.2 - Children's Environmental Health and Safety Risks	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.13 - Visual Effects																		
Task 6.13.1 - Light Emissions	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.13.2 - Visual Resources and Visual Character	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.14 - Water Resources																		
Task 6.14.1 - Wetlands	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	\$800	
Task 6.14.2 - Floodplains	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 6.14.3 - Surface Waters	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.14.4 - Groundwater	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.14.5 - Wild and Scenic Rivers	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 6.15 - Reasonably Foreseeable Projects	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Subtotal Task 6 - Affected Environment	0	0	0	20	28	28	18	0	0	0	0	0	0	0	0	94	\$17,030	
Task 7 - Environmental Consequences																		
Task 7.1 - Air Quality	0	4	0	0	0	0	0	40	0	0	0	0	0	0	0	44	\$5,600	
Task 7.2 - Biological Resources	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	\$800	
Task 7.3 - Climate	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	\$540	
Task 7.4 - Department of Transportation, Section 4(f) Lands	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8	\$1,000	
Task 7.5 - Hazardous Materials, Pollution Prevention, and Solid Waste	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 7.6 - Historical, Architectural, Archaeological, and Cultural Resources	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.7 - Land Use	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	\$250	
Task 7.8 - Natural Resources and Energy Supply	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.9 - Noise and Noise-Compatible Land Use	0	0	0	120	0	80	0	0	0	0	0	0	0	0	0	200	\$43,200	
Task 7.10 - Socioeconomics, Environmental Justice, and Children's Environmental Health and Safety Risks																		
Task 7.10.1 - Socioeconomics	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.10.3 - Children's Environmental Health and Safety Risks	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.11 - Visual Effects																		
Task 7.11.1 - Light Emissions	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.11.2 - Visual Resources and Visual Character	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.12 - Water Resources																		
Task 7.12.1 - Wetlands	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.12.2 - Floodplains	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	\$400	
Task 7.12.3 - Surface Waters	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 7.14.4 - Groundwater	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	\$200	
Task 7.12.5 - Wild and Scenic Rivers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	
Task 7.13 - Reasonably Foreseeable Impacts	0	0	0	0	8	8	68	0	0	0	0	0	0	0	0	84	\$11,180	
Subtotal Task 7 - Environmental Consequences	0	4	0	120	31	92	78	40	0	0	0	0	0	0	0	365	\$66,370	
Task 8 - Prepare Preliminary Draft EA																		
Task 8 - Draft EA Publication																		
Task 9.1 - Finalize Draft EA	1	8	0	0	8	0	8	0	0	0	0	0	0	0	0	25	\$5,100	
Task 9.2 - Draft EA Production	1	4	0	0	0	0	20	0	0	0	0	0	0	0	0	25	\$4,000	
Task 9.3 - Draft EA Notice of Availability	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	\$1,000	
Subtotal Task 9 - Draft EA Publication	3	14	0															