



TASK ORDER

In accordance with of the PROFESSIONAL SERVICES MASTER TASK ORDER AGREEMENT by and between **Ardurra Group, Inc.** and the City of Lander (“Client”) dated June 22, 2021 (“Agreement”), the parties agree as follows:

Specific Project Data

- A. Contract Number: 240424
- B. Task Order Number: 2024-01
- C. Project Name: Apron Reconstruction-Design
- D. Description: Design of the reconstruction for the general aviation apron.
- E. Owner (if applicable): City of Lander

Date of Task Order: December 10, 2024

1. Services

The Scope of Work is described in detail on the attached Exhibit A.

2. Times for Rendering Services

Design expected to be complete by March 2025.

3. Basis for Payment

A detailed fee proposal is attached as Exhibit B.

Lump Sum with Progress or Milestone Payments

- A. Owner will pay Ardurra for Services as follows:

A Lump Sum amount of \$192,585.50. (Phases 1-5, & 6)

In addition to the Lump Sum amount, reimbursement for the following expenses: \$6,769.00

The portion of the compensation amount billed monthly for Ardurra's Services will be based upon Ardurra's estimate of the percentage of the total Services completed during the billing period.

The total compensation for Services and reimbursable expenses is estimated to be \$199,354.50.

4. Special Terms and Conditions (if any)

None



Approval and Acceptance: Approval and Acceptance of this Task Order, including the attachments listed above, shall incorporate this Task Order as part of the Agreement. The clauses contained in the Agreement are incorporated by reference and remain in full force and are applicable with this Task Order.

IN WITNESS WHEREOF, the parties voluntarily and knowingly execute and agree to bind the parties to the terms of this Task Order.

Consultant: Ardurra Group, Inc.

Digitally signed by Jared Norton
DN: C=US, E=jnorton@ardurra.com, O="Ardurra Group, Inc.", OU=Ardurra Group, CN=Jared Norton
Date: 2024.12.03 15:23:43-07'00'

Signature

Jared Norton, PE

Name

Aviation Services Manager-Northwest

Title

CLIENT: City of Lander

Signature

Monte Richardson

Name

Mayor

Title

EXHIBIT A
SCOPE OF WORK

**PROJECT SCOPE OF WORK
FOR**

Hunt Field (LND) Apron Reconstruction – Design

**A.I.P. Project No. 3-56-0016-024-2025
State Aeronautics Project No. ALN008**

PROJECT BUDGET

The total funding for design and construction for this project is \$2,888,889.00. This total is comprised of \$2,600,000.00 from FAA Grant number 3-56-0016-024-2021 at a 90% match, \$173,333.00 from State Funds Grant number ALN008 at a 6% match, and Sponsor funding of \$115,556.00 at a 4% match. The following scope of work is for the design portion of the project only.

GENERAL PROJECT DESCRIPTION

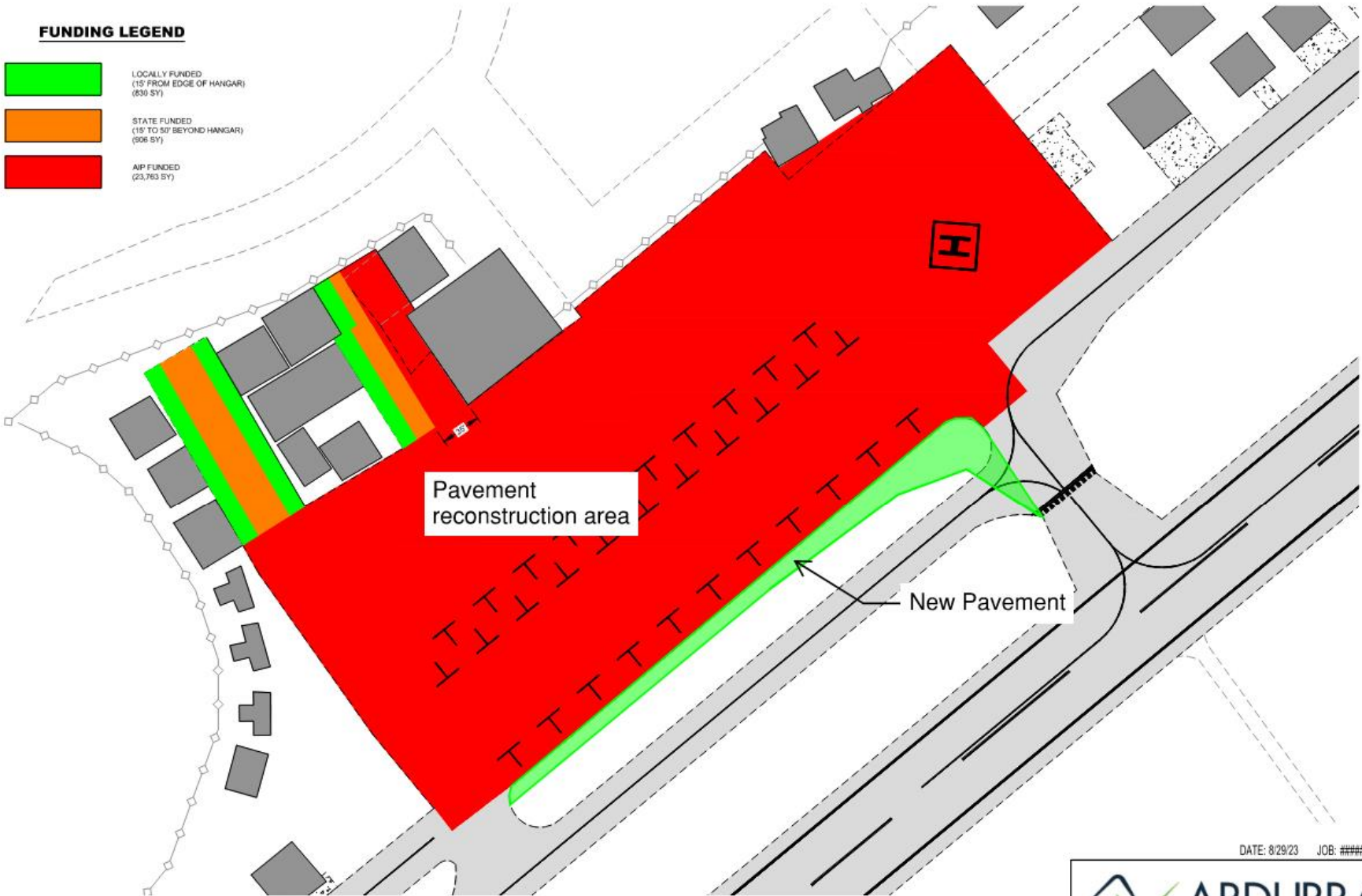
The project consists of design of the reconstruction for the general aviation apron at Hunt Field in Lander, WY. As part of the design a geotechnical investigation will be completed. It is anticipated that the design will incorporate a full reconstruction of the apron. Minor adjustments to the apron geometry, specifically on the south side of the apron, will be incorporated to accommodate the previously relocated east end of the taxiway and prepare for the west end taxiway relocation.

PROJECT SKETCH

See following page.

FUNDING LEGEND

-  LOCALLY FUNDED
(15' FROM EDGE OF HANGAR)
(830 SY)
-  STATE FUNDED
(15' TO 50' BEYOND HANGAR)
(906 SY)
-  AIP FUNDED
(23,763 SY)



Pavement reconstruction area

New Pavement

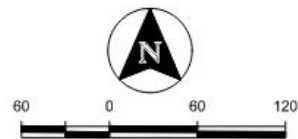
DATE: 8/29/23 JOB: #####



502 33RD STREET
CODY, WYOMING 82414

307-587-3411 | WWW.ARDURRA.COM

**APRON RECONSTRUCTION - 2026 CIP SKETCH
HUNT FIELD, LANDER WYOMING**



PART 1: BASIC SERVICES

The following work items are required to accomplish the Sponsor's and funding agency's needed engineering tasks:

1.0 PRE-DESIGN PHASE

1.1 Pre-Design Meeting

The Engineer will hold Preliminary meetings with the Sponsor as necessary for project formulation, as well as a Pre-Design meeting with Sponsor, State Aeronautics, and FAA. The pre-design meeting will be conducted to provide the representatives of the Sponsor, the FAA, and State Aeronautics with the opportunity to review and discuss the nature and extent of the project and to establish the project design criteria, budget, and schedule. The Engineer will coordinate the date and time of the pre-design meeting with the representatives of the Sponsor, the FAA, and State Aeronautics. The Engineer will prepare and distribute minutes of the Pre-Design meeting to appropriate parties. One (1) meeting is anticipated, to be held via teleconference.

1.2 Scope of Work

The Engineer will prepare the scope of work (this document) for Engineering/Professional Services Contract and for use by Sponsor's independent cost analysis firm. It is anticipated that clarifying revisions will be necessary following review by the Sponsor, the FAA, and State Aeronautics. The Engineer will prepare any revisions and distribute the final Scope of Work to appropriate parties.

1.3 Preliminary Estimating

The Engineer will prepare a preliminary construction cost estimate, a preliminary working days estimate, a preliminary overall project schedule, and a preliminary overall project budget. These will be based upon the most current information available during this phase. The preliminary construction cost estimate and preliminary overall project budget are intended as rough order of magnitude estimates. Work to refine these estimates as project elements and parameters become more defined is included under Phase 4.13 Prepare Estimate of Probable Construction Costs.

1.4 Draft Engineering Contract

The Engineer will draft the Engineering Contract for Sponsor's review and approval. This document is anticipated to be approximately 5 pages in length including appendices.

1.5 Prepare Federal Grant Application

One Federal Grant Application is anticipated. The Engineer will prepare the Federal Grant Application and submit it to the Sponsor for signature. Preparation of the Federal Application will include the following:

- Prepare Federal form SF-424
- Prepare FAA form 5100-100
- Prepare Preliminary Cost Estimate
- Prepare Airport Sponsor Assurances
- Attach a copy of Exhibit "A"
- Compile Current FAA Advisory Circulars
- Prepare Sponsor Certifications

After obtaining the necessary signatures, the Engineer or Sponsor will forward copies of the signed Application to the FAA for further processing.

The Engineer will assist the Sponsor in the preparation of necessary exhibits, cost estimates and appropriate attachments.

The Engineer will assist the Sponsor in the coordination, execution, and submission of the Federal Grant Agreement.

1.6 Periodic Project Updates

The Engineer will prepare correspondence capturing the progress and identifying and coordinating upcoming work items. This correspondence will be issued via email to the Sponsor, State Aeronautics and the FAA. Four (4) Project Updates are anticipated from Phase 1.0 Pre Design Phase through 5.0 Special Considerations - Design.

1.7 Project Management Plan

The Engineer and clerical staff will create a Project Management Plan (PMP). The Engineer will implement and monitor the PMP with input from the Sponsor, the FAA and State Aeronautics. This plan may include such elements as; Vision and Critical Success Factors, Project Team Roles and Responsibilities, Document Distribution Plan, Quality Control Plan, Communication Plan, Risk Management Plan, Client Care Plan, and Reimbursement Plan. The PMP will define the approach the project team will use to execute, monitor and control the project. The PMP will be used to demonstrate timelines and deliverables and for coordination of construction activities associated with this phase of the project. The PMP will be revised/amended as needed throughout the life of the project. This task will also include all of the project management efforts by the Engineer including: managing, leading, and controlling time, expenses, resources, and deliverables to meet the project goals and objectives.

This phase includes time the Project Management Team spends planning, organizing, securing, and scheduling resources to achieve the project goals and meet objectives as defined in the PMP and this Scope of Work. Additional items to be accomplished include compiling and sending additional information requested from the office to related parties, maintaining project files as necessary and other items necessary in a day to day project coordination.

1.8 Coordinate with Subconsultant(s)

The Engineer will coordinate with one (1) subconsultants (geotechnical). The Engineer will prepare the requirements and limits of the subconsultant(s) work, obtain and negotiate a fee proposal for inclusion in the Engineering contract, and provide general oversight of the work. One (1) site visit are anticipated, one for the geotechnical investigation and one for the electrical investigation, while this work is being performed so the Engineer may verify the scope of work is adhered to, provide onsite supervision, and provide guidance should any issues arise.

1.9 Quarterly Performance Reports - Design

Federal Regulation 49 CFR Part 18 (aka Common Rule) establishes uniform administrative requirements for grants to State and Local Governments. Sub-part 18.40 addresses monitoring and reporting requirements for the Grantees. The Engineer will assist the Sponsor in managing the day-to-day operations of grant activities that ensure compliance with applicable Federal requirements. The Engineer will submit a performance report for each fiscal quarter the grant is active. Three (3) Quarterly Performance Reports are anticipated from Phase 1.0 Pre Design Phase through 5.0 Special Considerations - Design.

TASK 1 DELIVERABLES	TO FAA/STATE	TO SPONSOR
1.2 Prepare Scope of Work	✓	✓
1.5 Prepare Federal Grant Application	✓	✓
1.7 Prepare Periodic Project Update	✓	✓
1.10 Prepare Quarterly Performance Report (Design)	✓	✓

TASK 1 MEETINGS/SITE VISITS	LOCATION/ATTNDEES/DURATION
1.1 Pre-Design Meeting	1 meeting via Teleconference/Project Manager & Engineer/2 hours

1.8 Coordinate with Subconsultants	1 Hunt Field/Project Engineer/3 Days onsite
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2.0 DISADVANTAGED BUSINESS ENTERPRISE (DBE) - DESIGN PHASE

2.1 Prepare 3-Year Goal and Update DBE Plan

The Engineer will prepare a 3-Year goal to reflect current federal requirements and upcoming airport projects per 49 C.F.R. § 26 (2024). This phase includes the following tasks:

- Research the current state DOT certified DBE listings.
- Research area contractors.
- Determine the availability of potential DBE contractors.
- Research the history of DBE use in the area.
- Research the history of DBE use on past Sponsor projects.
- Assist the DBELO in gathering and reporting statistical data and other information as required by DOT.
- Coordinate with the FAA to set Project Goal.
- Submit 3-year DBE goal and updated DBE Plan to the FAA for review, changes and approval.
- Update DBE Policy Statement for Sponsor as necessary.
- Assist Disadvantaged Business Enterprise Liaison Officer (DBELO) in developing the Sponsor’s monitoring and enforcement mechanisms.
- Submit updated DBE Plan to the FAA for review, changes and approval.

2.2 Prepare Project Goal

The Engineer will prepare a project DBE goal to reflect current federal requirements and to contribute cumulatively to the Sponsor’s overall goal per 49 C.F.R. § 26 (2024). This phase includes the following tasks:

- Research the current state DOT certified DBE listings.
- Research area contractors.
- Determine the availability of potential DBE contractors.
- Research the history of DBE use in the area.
- Research the history of DBE use on past Sponsor projects.
- Assist the DBELO in gathering and reporting statistical data and other information as required by DOT.
- Coordinate with the FAA to set Project Goal.
- Prepare required DBE forms and information to for inclusion in the project bid documents.

2.3 Prepare Required Contract Clauses for Prime Contracts

The Engineer will prepare required contract clauses per 49 C.F.R. § 26 (2024) and bid documents necessary for evaluation of bid responsiveness, program recordkeeping, reports, and compliance monitoring. These documents include but are not limited to:

- Bidders List
- DBE Information for Bidders
- DBE Utilization of Good Faith Efforts
- DBE Utilization Commitment
- DBE Notification of Intent to Subcontract for Federal-Aid Projects
- DBE Unavailability Certification

2.4 Review Bid Proposals for DBE Compliance

The Engineer will assist the DBELO by reviewing each bid for the quality, quantity, and intensity of bidder Good Faith Efforts per 49 C.F.R. § 26.53 (2024) to determine bidder responsiveness. The Engineer will assist the DBELO by verifying all DBEs included in bids have a NAICS Code certification for the work they have been included to perform.

2.5 Verification of DBE Participation.

The Engineer will assist the DBELO by ensuring that work committed to DBEs at contract award or subsequently (i.e., as the result of modification to the contract) is actually performed by the DBEs to whom the work was committed. The Engineer will review contracting records and monitor work sites for this purpose, and will maintain record of actual DBE attainments (payment actually made to DBE firms), including comparison of attainments to commitments. The information gathered will be used for DBE recordkeeping and reporting program compliance.

3.0 PLANNING AND ENVIRONMENTAL PHASE

3.1 Prepare and Submit CAT EX Documentation

Pursuant to the requirements listed in The Office of Airports (ARP) Standard Operating Procedure (SOP) No. 5.00, the Engineer will prepare a Simple Written Record for a CAT EX. The Engineer will utilize Appendix A to ARP SOP No. 5.00 to demonstrate the project's impact on or relationship with:

- National Historic Preservation Act Resources
- Department of Transportation Act Section 4(f) and 6(f) Resources
- Natural, Ecological, or Scenic Resources
- Disruption of an Established Community
- Surface Transportation
- Noise
- Air Quality
- Water Quality
- Environmental Controversy
- Federal, State, Tribal or Local Law
- Light Emissions, Visual Effects, or Hazardous Materials
- Construction effects such as dust, stormwater runoff, and heavy equipment emissions
- Energy Supply and Natural Resources
- Indirect, Secondary, or Induced Impacts

The Engineer will submit the completed Appendix A to the Sponsor for review and signature. The Engineer will submit the signed Appendix A along with any supporting documentation to the Responsible FAA Official for a CATEX determination.

4.0 DESIGN PHASE

4.1 Prepare Requests for Reimbursement - Design

The Engineer will issue monthly invoices for services rendered. The Engineer will prepare FAA Standard Form 271 and WYDOT Aeronautics form 1200-1 for Sponsor reimbursement of eligible expenses incurred from 1.0 Pre Design Phase through 5.0 Special Considerations - Design. The Engineer will submit the completed FAA Standard Form 271 and WYDOT Aeronautics form 1200-1 along with appropriate supporting documentation to the Sponsor's representative for review and approval. Upon approval the Engineer or the Sponsor will submit the completed forms and supporting documentation to the appropriate agencies for reimbursement. It is estimated there will be Four (4) RFR's for expenses incurred from 1.0 Pre Design Phase through 5.0 Special Considerations - Design.

4.2 Review and Evaluate Existing Data

The Engineer will compile the existing data prepared for previous projects at the airport that might be useful in the design of the project. The existing data may include airport master plan, airport Exhibit "A" property plan, engineering drawings, airspace obstruction analyses, aerial photogrammetry data, and aerial photographs. If necessary, the Engineer may verify data gathered with the assistance of local utility companies and/or local airport officials. The Engineer will utilize the pertinent data and information as appropriate to prepare worksheets to facilitate the development of the project. The Engineer will review the existing data for accuracy and completeness and to determine the feasibility of utilizing the data to prepare plans and specifications for the design and construction of the project.

4.3 Analyze Topographic Survey Data

The Engineer will analyze the topographical survey data and prepare the data for use with computer generated plans for construction, consisting of the following tasks:

- Input raw survey data into the computer program in order to sort data into company standard layers for efficient analyzing.
- If available, verify survey data from previous design and "record drawing" conditions with latest field survey.
- Sort all data points by layers and description for computer modeling.
- Verify Surveyor horizontal and vertical control.
- Selectively survey existing ground contours in the existing parking lot area, including the existing paved, verify electrical equipment, drainage features, and fences, locate existing signs, including abandoned sign or light bases and other miscellaneous items.
- Prepare and process data for pavement profiles, grading and/or paving cross sections, and drainage features.

4.4 Analyze Geotechnical Data

The Engineer will analyze the data contained in the Geotechnical Report from the subconsultant, consisting of the following tasks:

- Review geotechnical recommendations, including existing pavement and subgrade conditions.
- Determine appropriate data for pavement design.
- Input data for computer modeling with topographical survey data.
- Prepare pavement data and soil information for incorporation on plan sheets.

4.5 AutoCAD Files Setup and Design

AutoCAD setup time will be required by the Engineer to set up base files following the topographic survey. This includes geometry, topographical features, utilities, and existing and design surfaces.

4.6 Packaging & Design Phase

The Engineer will prepare plans depicting the proposed project. An integral part of the plan preparation process will be to review the overall design for general conformity with FAA criteria in relation to this project. This review is expected to provide a quality assurance review of the overall drawings, not verify aspects of the bid package. It is anticipated that the Engineer will spend approximately Three (3) hours reviewing the documents and documenting necessary revisions in coordination with the FAA, State Aeronautics, and the Sponsor.

Items that may be verified include: existing utility conflicts, access issues, area lighting requirements, construction sequencing, and other unresolved design issues.

The following estimated list of drawings will be used as a guideline based upon experience with previous, similar projects. New drawings identified in the following table will be created in their entirety, as necessary, to complete the project packaging phase.

Title	Description	# of Sheets
Cover Sheet	Project title, project/grant numbers, funding agencies, base layout of airport, and location of project.	1
Project Layout Plan	Depicts overall project layout and schematically identifies key project elements. Lists general notes and construction requirements. Lists total estimated quantities.	1
Construction Safety and Phasing Plan	Depicts the overall phasing map with schedule milestones, phasing requirements for the project. Depicts barricading, haul roads, marking, operating procedures, contractor access, storage, staging areas, etc. Includes notes on project safety and coordination to maintain airfield operational capabilities, ensure safe operations and ensure safe construction traffic throughout the project.	2
Soils boring & Geotechnical Information	Depicts boring locations and identifies all pavement and soils data relevant to the project.	1
Demolition Plan	Depicts demolition limits of asphalt removal and other items requiring removal to facilitate the project.	1
Geometry / Grading Plan	Depicts the overall layout of the apron/parking lot and surface elevations.	4
Marking Plan	Depicts the geometry and layout of marking for the apron and parking lot.	2
Typical Sections & Details	Depicts typical sections of the apron / parking lot pavement, marking details, concrete valley pans, etc.	3

4.7 Prepare Contract Documents

The Engineer will prepare the preliminary contract documents including Notice to Contractors, Instruction to Bidders, Bid Conditions, Bid Proposal, Equal Employment Opportunity Clauses, Notice of Award, Notice to Proceed, Notice of Contractor’s Final Settlement, Wage Rate Determination, Construction Contract Agreement, Bid Bond, Performance Bond, Payment Bond, FAA’s General Provisions and Special Provisions. Preparation will include describing the work schedules. The preliminary contract documents will be prepared as early as possible during the design phase and submitted to the Sponsor for review by the Sponsor’s Attorney. Any comments or modifications required by the Sponsor will be incorporated.

4.8 Prepare Technical Specifications

The Engineer will review and assemble the technical specifications necessary for the intended work. Standard FAA specifications (Advisory Circular 150-5370-10, most current revision) will be used for this project. Additional specifications may be prepared to address work items or materials not covered by the FAA specifications.

The standard specifications to be utilized include but are not limited to the following:

- Item C-100 Contractor Quality Control Program (CQCP)

Item C-102 Temporary Air and Water Pollution, Soil Erosion and Siltation Control
Item C-105 Mobilization
Item P-101 Surface Preparation
Item P-152 Excavation, Subgrade, and Embankment
Item P-154 Subbase Course
Item P-208 Aggregate Base Course
Item P-401 Asphalt Mix Pavement
Item P-603 Emulsified Asphalt Tack Coat
Item P-610 Structural Portland Cement Concrete
Item P-620 Runway and Taxiway Marking
Item L-110 Airport Underground Electrical Duct Banks and Conduits
Item L-115 Electrical Manholes and Junction Structures

If Modifications to the FAA Standard Specifications seem justified, the modifications will be thoroughly reviewed with the FAA at this point and if the FAA concurs, the modifications will be placed in the design report and the final specification manual.

4.9 Prepare Special Provisions

The Engineer will prepare Special Provisions separately for the contract documents to supplement or expound on the General Provisions that require additional clarification or modification. They may include, but are not limited to, the following items:

- Standard Specifications
- Underground Facilities
- Contractor's Understanding
- Contractor's Insurance
- Indemnification
- Commencement, Prosecution, and Completion of Work
- Guarantee/Warranty Period
- Sales and Use Tax
- Permits and Compliance with Laws
- Payment for Additional Work Required of Engineer
- Contract Contingent upon Receipt of Funding
- Working Day
- Haul Roads/Project Access
- Sanitation Facilities for Construction Personnel
- Construction Debris
- Final Payment and Acceptance
- Contractor's Quality Control Program
- Airport Security
- Work Schedule
- Sequencing of the Work
- Pre-Construction Conference
- Gravel Source
- Water Source
- Submittals
- Substantial Completion
- Contractor's As-Constructed Drawings
- Bid Item Unit Costs
- Cost Analysis
- Disadvantaged Business Enterprise

- Required Contract Clauses
- Environmental Issues
- Closure of AOA's
- Existing Utilities/Underground Cables
- Utility Service for Contractor
- Contracts/Subcontracts
- Liquidated Damages
- Additional Acceptance Testing Requirements
- Additional Quality Control Requirements
- Special Testing Considerations
- Project Closeout Forms

4.10 Prepare FAA Form 7460

The Engineer will prepare FAA Form 7460 – Notice of Proposed Construction or Alteration in order to have construction activities on the Airport and submit to the FAA.

4.11 Prepare Construction Safety Phasing Plan (CSPP)

The Engineer will develop a Construction Safety and Phasing Plan to ensure safety compliance when coordinating construction activities with airport operations. Potential safety hazards and their respective mitigation procedures will be outlined at a preliminary level. The plan will be developed in accordance with the requirements of FAA Advisory Circular 150/5370-2 (most current revision). A proposed construction phasing plan that meets the requirements of the AC and the operational needs of the airport will be developed as part of the CSPP. The CSPP will address the following items:

- Coordination
- Phasing
- Areas and Operations affected by the Construction Activity
- Protection of Navigational Aids (NAVAIDs)
- Contractor Access
- Wildlife Management
- Foreign Object Debris (FOD) Management
- Hazardous Material (HazMat) Management
- Notification of Construction Activities
- Inspection Requirements
- Underground Utilities
- Penalties
- Special Conditions
- Runway and Taxiway Visual Aids
- Hazard Markings and Lightings
- Marking and Signs for Access Routes
- Protection of Runway and Taxiway Areas
- Other Limitations on Construction

The completed document will be submitted to the FAA for review and approval when design is 65% complete. It is anticipated that clarifying revisions will be necessary following submission to the FAA. This document is estimated to be approximately 30 pages in length. It is assumed that the CSPP will meet the current FAA Safety Management System (SMS) requirements for this airport.

4.12 Calculate Estimated Quantities

The Engineer will calculate all necessary quantities for the various work items. Quantities will be consistent with the specifications and acceptable quantity calculation practices. Updated quantity estimates will be prepared and included with each of Design Review submittals.

4.13 Prepare Estimate of Probable Construction Cost

The Engineer will prepare and maintain an estimate of probable construction cost as design progresses. A current cost estimate will be submitted with each plan review and submittal. These estimate updates will be based on quantities derived from project design at the current completion level, information obtained from previous projects, contractors, material suppliers, and other databases available, for each schedule.

4.14 Prepare Engineer's Design Report

During the preparation of the preliminary plans and specifications, a Design Report will be prepared following the current FAA Northwest Mountain Region guidance. The report will include a detailed description of the work, photographs of the site, specific elements of the design, a schedule for the completion of the design, bidding and construction of the work, any alternative design concepts that were investigated and evaluated, Modifications of Standards, and a summary of the CSPP. A General Plan depicting limits of construction and establishing project control and design parameters will be included as well as an Engineer's cost estimate. A copy of the Geotechnical Report will be included as an attachment. This document is anticipated to be approximately 50 pages in length including appendices.

4.15 Prepare FAA Pavement Design Report

The Engineer will design a pavement section or pavement sections and submit the Design Report to the FAA for review and approval. Pavement strength will be calculated in accordance with the FAA Advisory Circular 150/5320(most current revision). The following efforts will be completed under this task:

- Establish the frost protection method/review historic frost design.
- Review ground vehicle traffic usage (heavy trucks).
- Select subbase and base course material; granular (<100K) or stabilized (>100K).
- Review ultimate pavement strength.
- Calculate sub-excavation for stabilization if necessary.
- Review proposed pavement analysis with FAA.
- Prepare pavement design report to describe the design procedure, historic design, and justification for the FAA, State Aeronautics, and Sponsor.
- Prepare FAA Pavement Design Form 5100 for each separate pavement section.
- Submit FAA Pavement Design Form 5100 to the FAA prior to the _90_% Design Review.

4.16 Prepare Engineer's Recommendation for Modification of Standards

The Engineer will prepare and submit to the appropriate FAA ADO a recommendation for modifications of FAA standards. The Engineer's recommendation will contain a list of standards affected, the basis for each modification as allowed by FAA Order 5300.1, a description of each proposed modification, and the Engineer's assurance that the modifications will provide a finished product that will meet FAA standards for acceptance and will perform for its intended design life.

4.17 Prepare Engineer's Recommendation for Clarification to Standards

The Engineer will prepare and submit to the appropriate FAA ADO a recommendation for clarification to FAA standards. The Engineer's recommendation will contain a list of standards affected, the basis for each clarification as allowed by FAA Order 5300.1, a description of each proposed clarification, and the Engineer's assurance that the clarifications will provide a finished product that will meet FAA standards for acceptance and will perform for its intended design life.

4.18 Determination and Submittal of Permits

The Engineer will determine what special permits are required. If any special permits are required, the Engineer will include the necessary applications in the project contract documents and specifications for submittal by the Contractor. The Sponsor will pay for or reimburse the costs of permits and/or application fees.

- 4.19 Submit FAA Standard Contract Documents to Sponsor’s Attorney to Verify Local Requirements**
The Engineer will work with the Sponsor’s legal counsel to revise standard FAA contract documents to meet local requirements. Any additional comments will be incorporated and documented per FAA guidelines. Any changes made by the Sponsor will be submitted to the FAA for concurrence.
- 4.20 Conduct Design Review Meetings**
- 4.20.1 Design Review Meetings at 25% Complete**
The Engineer will prepare and distribute preliminary plans to the FAA, State Aeronautics and the Sponsor for review. A meeting will be held virtually by teleconference. During the meeting the project will be reviewed to assure the FAA, State Aeronautics and Sponsor’s understanding of the design. The Engineer will also schedule an inspection of the project site with the Sponsor and identify areas that require further design efforts. This meeting will review pavement design considerations and establishment of anticipated bid schedules.
- 4.20.2 Design Review Meeting at 65% Complete**
The Engineer will prepare and distribute preliminary plans to the FAA, State Aeronautics, and the Sponsor for Review. A meeting will be held virtually by teleconference. During the meeting the project will be reviewed to assure the FAA, State Aeronautics, and Sponsor’s understanding of the design.
- 4.20.3 Design Review Meeting at 95% Complete**
The Engineer will prepare and distribute 95% complete plans, Bid Sheet, Quantities, Cost Estimate, and Engineer’s Design Report to the FAA, State Aeronautics, and the Sponsor for review. A meeting will be held at the airport property and via teleconference. The Project Manual, Plans and Specifications will be reviewed at this meeting.
- 4.21 Conduct Quality Control Review at 100% Complete**
As an integral part of this process, an internal peer review will be conducted as part of the company quality control process. Conducted in the Engineer’s office, another Engineer with equivalent experience will review the overall package to ensure the documents meet the quality requirements of the organization.
- 4.22 Final Packaging and Design**
The Engineer will develop the Final Plans depicting the project. The Engineer will utilize the comments received from the FAA, State Aeronautics, Sponsor’s Attorney, and Sponsor to make revisions to the preliminary Plans.
- 4.23 Prepare and Submit Final Plans and Specifications**
A final set of plans, specifications, and contract documents which incorporates all revisions, modifications and corrections determined during the design reviews will be published and distributed to the appropriate parties for their records.
- 4.24 Monthly Update Meetings**
Attend monthly meetings with Sponsor via teleconference to coordinate work items, bring Sponsor up to date on progress, and discuss upcoming events. Create a monthly correspondence capturing the progress and upcoming work and issue to the Sponsor, State Aeronautics, and FAA. It anticipated three (3) meetings will be held.
- 4.25 Construction Sequencing, Phasing, and Constructability Review**
This task involves evaluating critical path items; FAA, State Aeronautics, and Sponsor budget schedules; Sponsor and tenant operational requirements; and seasonal limitations; sequencing of work; and construction phasing to minimize resulting cost impacts to the Sponsor. One (1) meeting with the Sponsor and tenants is anticipated on site.

4.26 Storm Drainage Analysis and Design

Storm drainage design for this project will be designed in accordance with FAA Advisory Circular 150/5320-5D. Storm drainage facilities on airport property will also be designed and evaluated for performance and integration into the local storm drainage system adjacent to the airport. The Engineer will incorporate any and all applicable local laws and regulations pertaining to storm drainage into project designs and specifications. Storm drainage facilities will be evaluated for both carrying capacity and hydraulic performance, as well as constructability.

TASK 4 DELIVERABLES	TO FAA/STATE	TO SPONSOR
4.1 Prepare Request for Reimbursement (Design)	✓	✓
4.10 Prepare FAA Form 7460	✓	
4.11 Prepare Construction Safety Phasing Plan (CSPP)	✓	✓
4.20 25% Design Submittal	✓	✓
4.20 65% Design Submittal	✓	✓
4.20 95% Design Submittal	✓	✓

TASK 4 MEETINGS/SITE VISITS	LOCATION/ATTENDEES/DURATION
4.20 Conduct Design Review Meeting	1 at Hunt Field/Project Manager and Project Engineer/9 hours with travel 2 via teleconference/Project Manager and Project Engineer/ 2 hours
4.24 Monthly Update Meetings	3 via teleconference/Project Manager and Project Engineer/1 hour each
4.25 Construction Sequencing, Phasing and Constructability Review	1 at Hunt Field/Project Manager and Project Engineer/9 hours with travel

5.0 SPECIAL CONSIDERATIONS – DESIGN

5.1 Topographical and Control Survey

Existing Conditions: Evaluate utilities and existing conditions. Coordinate utility purveyor contacts. Collect system drawings if available. Coordinate/Confirm with Hunt Field Airport Manager on Airport Utilities.

Topographic Site Survey: Review as-builts of previous work/projects. Conduct comprehensive site survey to encompass existing surface features, utilities, culverts, ditches and drainage systems, that may be affected by the improvements.

Utility Locates: Identify the utility-locate limits and call for utility locates. Activities include: corresponding with OneCall and utility purveyor representatives, and verifying utility paint marks onsite. Include the survey limits map for general reference.

Field Survey: Survey all terrain features. Survey utility locate markings. Verify rim elevations, pipe diameters, pipe types, and depth to pipe inverts. Survey primary electrical poles, lighting and appurtenances. Survey secondary electrical features. Survey telecom features such as manholes, vaults and pedestals. Surveyor will collect all locations of soil borings conducted for the project. Survey existing grade of asphalt. Survey will set project control covering the entire project area for use in topo survey and later for use in construction.

Base Mapping: Prepare a Base Map and Digital Terrain Model of the Topographic Survey. Identify all existing features. Linework for existing utilities shall include all nodes and connecting pipe sizes, slopes and pipe materials, if known. Deliverables include 1"-50' survey base map in AutoCAD with surveyed features, contours and a 3D existing surface model/surface TIN.

5.2 Geotechnical Investigation

A Geotechnical Investigation is to be completed by a subconsultant. The subconsultant's work will include an on-site subsurface investigation, associated field and laboratory testing to determine the effect of existing subsurface conditions on the design of the project. The Geotechnical Engineer will prepare a report outlining their findings. The FAA and State Aeronautics Division will receive a copy of the geotechnical report.

TASK 5 MEETINGS/SITE VISITS	LOCATION/ATTENDEES/DURATION
5.1 Topographic Survey	Hunt Field/Project Surveyor/2 days

6.0 POST CONSTRUCTION COORDINATION PHASE

6.1 Grant Closeout

The Engineer will summarize the design and administrative costs and provide a 1-2 page narrative on the design costs to close out the project. This close out will be submitted to the FAA and WYDOT.

TASK 11 DELIVERABLES	TO FAA/STATE	TO SPONSOR
11.1 Grant Closeout Report	✓	✓

PART 2: ADDITIONAL SERVICES

1.0 ADDITIONAL SERVICES REQUIRING SPONSOR'S WRITTEN AUTHORIZATION

If authorized in writing by Sponsor, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services unless otherwise indicated in Part 1 and will be paid for by Sponsor as indicated in Exhibit C.

- 1.1** Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
- 1.2** Services to verify the accuracy of drawings or other information furnished by Sponsor or others.
- 1.3** Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer, or the Project's design requirements, including, but not limited to, changes in size, complexity, Sponsor's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
- 1.4** Services required as a result of Sponsor's providing incomplete or incorrect Project information to Engineer.
- 1.5** Providing renderings or models for Sponsor's use.
- 1.6** Undertaking investigations and studies including, but not limited to:
 - detailed consideration of operations, maintenance, and overhead expenses;
 - the preparation of feasibility studies;
 - preparation of appraisals; and
 - audits or inventories.
- 1.7** Providing the following services:
 - Services attributable to more prime construction contracts than specified in Part 1.
 - Services to arrange for performance of construction services for Sponsor by contractors other than the principal prime Contractor, and administering Sponsor's contract for such services.
- 1.8** Preparing additional bidding-related documents, or other construction procurement documents for alternate bids or cost estimates requested by Sponsor for the Work or a portion thereof.
- 1.9** Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required to complete services required in Part 1.
- 1.10** Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Sponsor, utility companies, and other sources and related revisions to revise Record Drawings.
- 1.11** Preparation of operation, maintenance, and staffing manuals.

- 1.12 Assistance to Sponsor in training Sponsor's staff to operate and maintain Project equipment and systems.
- 1.13 Assistance to Sponsor in developing systems and procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related recordkeeping.
- 1.14 Preparing to serve or serving as a consultant or witness for Sponsor in any litigation, arbitration, lien or bond claim, or other legal or administrative proceeding involving the Project.
- 1.15 Overtime work or nighttime requiring higher than regular rates.
- 1.16 Providing construction surveys and staking to enable Contractor to perform its work other than as required in Part 1; any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
- 1.17 Extensive services required during any correction period, or with respect to monitoring Contractor's compliance with warranties and guarantees called for in the Construction Contract.
- 1.18 Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

2.0 ADDITIONAL SERVICES NOT REQUIRING SPONSOR'S WRITTEN AUTHORIZATION

Engineer shall advise Sponsor that Engineer is commencing to perform or furnish the Additional Services of the types listed below (unless otherwise indicated in Part 1). For such Additional Services, Engineer need not request or obtain specific advance written authorization from Sponsor. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Sponsor.

- 2.1 Services in connection with Work Change Directives and Change Orders to reflect changes requested by Sponsor.
- 2.2 Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.
- 2.3 Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
- 2.4 Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
- 2.5 Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Sponsor prior to Substantial Completion.
- 2.6 Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.

- 2.7** Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
- 2.8** While at the Site, compliance by Engineer and its staff with those terms of Sponsor's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.

EXHIBIT B
ENGINEERING FEES

AIRPORT: Hunt Field
LOCATION: Lander, WY
A.I.P PROJECT NUMBER: 3-56-0016-024-2025
STATE AERONAUTICS PROJECT NO.: ALN008
PROJECT DESCRIPTION: Apron Reconstruction - Design

PROJ. NO: 240424
DATE: 11/19/2024
REV. NO:

ENGINEERING SERVICES		
1.0	PRE-DESIGN PHASE	\$26,482.00
2.0	DISADVANTAGED BUSINESS ENTERPRISE (DBE) - DESIGN PHASE	\$7,100.00
3.0	PLANNING AND ENVIRONMENTAL PHASE	\$6,710.00
4.0	DESIGN PHASE	\$119,507.00
5.0	SPECIAL CONSIDERATIONS - DESIGN	\$34,475.50
6.0	POST CONSTRUCTION COORDINATION PHASE	\$5,080.00
TOTAL ENGINEERING FEES		\$199,354.50

Checks

Item No.		Project Manager	Project Engineer	Staff Engineer	Survey Manager	Project Surveyor	Staff Surveyor	Survey Technician	Project Manager	Contract	Total	Misc.	Cost
										Administrator			
1.0	PRE-DESIGN PHASE	\$230.00	\$150.00	\$125.00	\$190.00	\$190.00	\$115.00	\$115.00	\$230.00	\$100.00	Hours	Costs	Summary
1.1	Pre-Design Meeting	4	4								8	\$0.00	\$1,520.00
1.2	Scope of Work	6	12								18	\$0.00	\$3,180.00
1.3	Preliminary Estimating	2	8	8							18	\$0.00	\$2,660.00
1.4	Draft Engineering Contract	2								4	6	\$0.00	\$860.00
1.5	Prepare Federal Grant Application	1								2	3	\$0.00	\$430.00
1.6	Periodic Project Updates		6								6	\$0.00	\$900.00
1.7	Project Management Plan	26	12	12							50	\$0.00	\$9,280.00
1.8	Coordinate with Subconsultants	4	30	6							40	\$0.00	\$6,170.00
1.9	Quarterly Performance Reports - Design	2								2	4	\$0.00	\$660.00
Estimated Total Man-hours		47	72	26	0	0	0	0	0	8			
Summary Costs		\$ 10,810.00	\$ 10,800.00	\$ 3,250.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800.00	153	\$0.00	\$25,660.00
Reimbursable-Mailing											0	\$0.00	\$0.00
CADD Time								0			0	\$25.00	\$0.00
Miscellaneous											0	\$0.00	\$0.00
Auto Rental											0 Days	\$0.00	\$0.00
Mileage			430								430 Mi	\$0.67	\$288.00
Lodging and Per Diem			3								3 Days	\$178.00	\$534.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
											TOTAL		\$26,482.00

Checks
Labor Subtotal \$25,660.00
Reimbursables Subtotal \$822.00
Total Phase 1 \$26,482.00

Item No.		Project Manager	Project Engineer	Staff Engineer	Survey Manager	Project Surveyor	Staff Surveyor	Survey Technician	Project Manager	Contract	Total	Misc.	Cost
										Administrator			
2.0	DISADVANTAGED BUSINESS ENTERPRISE (DBE) - DESIGN PHASE	\$230.00	\$150.00	\$125.00	\$190.00	\$190.00	\$115.00	\$115.00	\$230.00	\$100.00	Hours	Costs	Summary
2.1	Prepare 3-Year Goal and Update DBE Plan	2								12	14	\$0.00	\$1,660.00
2.2	Prepare Project Goal	2								12	14	\$0.00	\$1,660.00
2.3	Prepare Required Contract Clauses for Prime Contracts	2								8	10	\$0.00	\$1,260.00
2.4	Review Bid Proposals for DBE Compliance	2								8	10	\$0.00	\$1,260.00
2.5	Verification of DBE Participation	2								8	10	\$0.00	\$1,260.00
Estimated Total Man-hours		10	0	0	0	0	0	0	0	56			
Summary Costs		\$ 2,300.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,600.00	58	\$0.00	\$7,100.00
Reimbursable-Mailing											0	\$0.00	\$0.00
CADD Time								0			0	\$25.00	\$0.00
Miscellaneous											0	\$0.00	\$0.00
Auto Rental											0 Days	\$0.00	\$0.00
Mileage											0 Mi	\$0.67	\$0.00
Lodging and Per Diem											0 Days	\$178.00	\$0.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
											TOTAL		\$7,100.00

???
Labor Subtotal \$7,100.00
Reimbursables Subtotal \$0.00
Total Phase 2 \$7,100.00

Item No.		Project Manager	Project Engineer	Staff Engineer	Survey Manager	Project Surveyor	CADD Tech	Survey Technician	Aviation Planner	Contract	Total	Misc.	Cost
										Administrator			
3.0	PLANNING AND ENVIRONMENTAL PHASE	\$230.00	\$150.00	\$125.00	\$190.00	\$190.00	\$105.00	\$115.00	\$100.00	\$100.00	Hours	Costs	Summary
3.1	Prepare and Submit CAT EX Documentation	4	8	30			8				50	\$0.00	\$6,710.00
Estimated Total Man-hours		4	8	30	0	0	8	0	0	0			
Summary Costs		\$ 920.00	\$ 1,200.00	\$ 3,750.00	\$ -	\$ -	\$ 840.00	\$ -	\$ -	\$ -	50	\$0.00	\$6,710.00
Reimbursable-Mailing											0	\$0.00	\$0.00
CADD Time								0			0	\$25.00	\$0.00
Miscellaneous											0	\$0.00	\$0.00
Auto Rental											0 Days	\$0.00	\$0.00
Mileage											0 Mi	\$0.67	\$0.00
Lodging and Per Diem											0 Days	\$178.00	\$0.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
											TOTAL		\$6,710.00

Checks

Labor Subtotal \$6,710.00
 Reimbursables Subtotal \$0.00
 Total Phase 3 \$6,710.00

Item No.		Project Manager	Project Engineer	Staff Engineer	Survey Manager	Project Surveyor	CADD Manager	CADD Tech	Project Manager	Contract	Total	Misc.	Cost
										Administrator			
4.0	DESIGN PHASE	\$230.00	\$150.00	\$125.00	\$190.00	\$190.00	\$140.00	\$105.00	\$230.00	\$100.00	Hours	Costs	Summary
4.1	Prepare Requests for Reimbursement - Design	2								8	10	\$0.00	\$1,260.00
4.2	Review and Evaluate Existing Data	2	2	2							6	\$0.00	\$1,010.00
4.3	Analyze Topographic Survey Data	2	4			2	2				10	\$0.00	\$1,720.00
4.4	Analyze Geotechnical Data	2	4								6	\$0.00	\$1,060.00
4.5	AutoCAD Files Setup and Design						4				4	\$0.00	\$560.00
4.6	Packaging & Design Phase	30	54	126	0	0	42	148	0	0	400	\$0.00	\$52,170.00
	<i>Cover Sheet</i>	2	2				2	4			10	\$0.00	\$1,460.00
	<i>Project Layout Plan</i>	4	4	4			4	8			24	\$0.00	\$3,420.00
	<i>Construction Safety & Phasing Plan</i>	4	8	14			4	20			50	\$0.00	\$6,530.00
	<i>Soils Boring & Geotechnical Information</i>	2	4	8			4	12			30	\$0.00	\$3,880.00
	<i>Demolition Plan</i>	4	8	8			4	12			36	\$0.00	\$4,940.00
	<i>Geometry/Grading Plan</i>	8	20	60			8	60			156	\$0.00	\$19,760.00
	<i>Marking Plan</i>	2	6	20			8	20			56	\$0.00	\$7,080.00
	<i>Typical Sections and Details</i>	4	2	12			8	12			38	\$0.00	\$5,100.00
4.7	Prepare Contract Documents	2	8							8	18	\$0.00	\$2,460.00
4.8	Prepare Technical Specifications	2	6	16							24	\$0.00	\$3,360.00
4.9	Prepare Special Provisions	2	6								8	\$0.00	\$1,360.00
4.10	Prepare FAA Form 7460									2	2	\$0.00	\$200.00
4.11	Prepare Construction Safety Phasing Plan (CSPP)	4	8	12							24	\$0.00	\$3,620.00
4.12	Calculate Estimated Quantities	2	8	8							18	\$0.00	\$2,660.00
4.13	Prepare Estimate of Probable Construction Cost	2	8	8							18	\$0.00	\$2,660.00
4.14	Prepare Engineer's Design Report	4	8	12							24	\$0.00	\$3,620.00
4.15	Prepare FAA Pavement Design Report	2	6	12							20	\$0.00	\$2,860.00
4.16	Prepare Engineer's Recommendation for Modifications to Standards	4	8								12	\$0.00	\$2,120.00
4.17	Prepare Engineer's Recommendation for Clarification of Standards	2	4								6	\$0.00	\$1,060.00
4.18	Determination and Submittal of Permits	1	2								3	\$0.00	\$530.00
4.19	Submit FAA Standard Contract Documents to Sponsor's Attorney to Verify Local Requirements	1								4	5	\$0.00	\$630.00
4.20	Conduct Design Review Meetings	30	30							16	76	\$0.00	\$13,000.00
4.21	Conduct Quality Control Review at 100% Complete	8									8	\$0.00	\$1,840.00
4.22	Final Packaging and Design	4	8	8			8	8		4	40	\$0.00	\$5,480.00

4.23	Prepare and Submit Final Plans and Specifications	2	4	4							10	\$0.00	\$1,560.00
4.24	Monthly Update Meetings	8	8								16	\$0.00	\$3,040.00
4.25	Construction Sequencing, Phasing, and Constructability Review	2	2								4	\$0.00	\$760.00
4.27	Storm Drainage Analysis and Design	2	10	8							20	\$0.00	\$2,960.00
Estimated Total Man-hours		122	198	216	0	2	56	156	0	42	792	\$0.00	\$113,560.00
Summary Costs		\$ 28,060.00	\$ 29,700.00	\$ 27,000.00	\$ -	\$ 380.00	\$ 7,840.00	\$ 16,380.00	\$ -	\$ 4,200.00			
Reimbursable-Mailing											0	\$0.00	\$0.00
CADD Time						2	56	156			214	\$25.00	\$5,350.00
GPS Time											0	\$65.00	\$0.00
Monumentation											0	\$0.00	\$0.00
Mileage		360									360 Mi	\$0.67	\$241.00
Lodging and Per Diem		1	1								2 Days	\$178.00	\$356.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
												TOTAL	\$119,507.00

Checks
Labor Subtotal \$113,560.00
Reimbursables Subtotal \$5,947.00
Total Phase 4 \$119,507.00

Item No.		Project Manager	Project Engineer	Staff Engineer	Survey Manager	Survey Technician	Staff Surveyor	Survey Technician	Project Manager	Contract Administrator	Total	Misc.	Cost
5.0	SPECIAL CONSIDERATIONS - DESIGN	\$230.00	\$150.00	\$125.00	\$190.00	\$115.00	\$115.00	\$115.00	\$230.00	\$100.00	Hours	Costs	Summary
5.1	Topographical and Control Survey	4									4	\$18,285.50	\$19,205.50
5.2	Geotechnical Investigation	4									4	\$14,350.00	\$15,270.00
Estimated Total Man-hours		8	0	0	0	0	0	0	0	0	8	\$32,635.50	\$34,475.50
Summary Costs		\$ 1,840.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			
Reimbursable-Mailing											0	\$0.00	\$0.00
GPS Time								0			0	\$65.00	\$0.00
CAD											0	\$25.00	\$0.00
Auto Rental											0 Days	\$0.00	\$0.00
Mileage											0 Mi	\$0.67	\$0.00
Lodging and Per Diem											0 Days	\$178.00	\$0.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
												TOTAL	\$34,475.50

Item No.		Project Manager	Project Engineer	Staff Engineer	CADD Manager	CADD Tech	Staff Surveyor	Survey Manager	Administrative Assistant	Contract Administrator	Total	Misc.	Cost
6.0	POST CONSTRUCTION COORDINATION PHASE	\$230.00	\$150.00	\$125.00	\$140.00	\$105.00	\$115.00	\$190.00	\$100.00	\$100.00	Hours	Costs	Summary
6.1	Grant Closeout	6	14							16	36	\$0.00	\$5,080.00
Estimated Total Man-hours		6	14	0	0	0	0	0	0	16	36	\$0.00	\$5,080.00
Summary Costs		\$ 1,380.00	\$ 2,100.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600.00			
Reimbursable-Mailing											0	\$0.00	\$0.00
GPS Time								0			0	\$65.00	\$0.00
CAD											0	\$25.00	\$0.00
Auto Rental											0 Days	\$0.00	\$0.00
Mileage											0 Mi	\$0.67	\$0.00
Lodging and Per Diem											0 Days	\$178.00	\$0.00
Travel and Airline Costs											0 Trips	\$0.00	\$0.00
												TOTAL	\$5,080.00