

## **ATTACHMENT E – Task 5**

### **Z527960000 Port Lions Airport Improvements** Environmental Document Scope of Work Statement

#### **General**

The Contractor will provide professional services for development of the project environmental document. This includes:

- Environmental PQI services for compliance with Section 106 of the National Historic Preservation Act
- Environmental services for identification of invasive species
- Environmental services to develop the draft Environmental Document
- Environmental permitting, if needed, and support for compensatory mitigation

#### **Impacts to Historic Properties**

The Contractor will engage the services of a Professionally Qualified Individual (PQI) to perform the activities necessary to comply with Section 106 of the National Historic Preservation Act.

##### **Reconnaissance and Identification of the Area of Potential Effect (APE)**

The Contractor will conduct a reconnaissance effort of the boundaries of the proposed work, and the number and type of potential resources within the work zone that could be affected by the project. The Contractor will conduct a desktop analysis and identify if there are any low to high potential areas that need to be surveyed or monitored. A detailed scope and budget will be prepared for negotiation and contract amendment.

##### **Detailed Survey of Historic and Archaeological Resources and Report**

If a Phase I survey is determined necessary, the Contractor shall travel to the project site with the appropriate size team to conduct the Phase 1 Survey. A qualified staff will conduct a detailed survey of potential historic and archaeological resources within the agreed upon APE. The Contractor will complete the historic survey and write the reports necessary to comply with Section 106 of the NHPA. A draft and final report will be submitted to the Contracting Agency for review and approval. The report would include a recommendation of the determination of eligibility of any resource found within the APE defined during Article 9.4.1. If additional services are needed subsequent to this recommendation report, the Contracting Agency reserves the right to negotiate and add by Amendment, however, is under no obligation to do so, and reserves the right to complete the services by any other means.

##### **Initiation and Findings Letters**

The Contractor will draft all initiation and findings letters that will be signed and submitted by the Department's PQI. The Contractor will assist with additional Section 106 coordination, such as consultation updates and supplemental information requests.

##### **Historic Property Deliverables**

Deliverables are subject to negotiation and change depending on the authorized development level of the project.

- Memo outlining desktop analysis findings
- Draft Survey Report (if needed)
- Final Survey Report (if needed)
- Draft Initiation Letter
- Final Initiation Letter

- Draft Responses to Consulting Parties (if needed)
- Draft Findings Letter (including determinations of eligibility if needed)
- Final Findings Letter
- Draft Responses to Consulting Parties (if needed)

### **Invasive Plant Survey**

The contractor will evaluate and document the project area for the presence of invasive species. The purpose of this survey is to identify areas of infestation for notation on the construction plan-set in order for treatment, removal and disposal during construction. The survey will identify and report on the presence and distribution of invasive species as noted on the Alaska state list of prohibited and restricted noxious weeds as identified by the Alaska Department of Natural Resources (ADNR). The ADNR list changes periodically and the consultant would need to be cognizant of any changes prior to beginning field activities.

#### *Project Methods*

Areas of infestation shall be located to an accuracy that will allow a construction contractor to comply with the Region's Control of Invasive Plants specification (attached). Data recorded will include (1) date, (2) infestations detected, (3) NAD83 latitude and (4) NAD83 longitude in decimal degrees or NAD83 State Plane AK Zone 1 in US Feet. The GPS data will be downloaded and presented in a table, as well as processed into closed polygons and as a point for areas smaller than 5ft<sup>2</sup>. An approximation of each infestation should be hand-drawn as best to scale on the most recent copy of plan sheets, and these, along with any additional observations and field notes, will be scanned, recorded, and added to the report. Digital photos will be taken to complement field data where needed.

#### *Deliverables*

Deliverables are subject to negotiation and change. At a minimum, the following deliverables can be expected:

1. Invasive Species identified by name, location, and extent. Info shown on plan sheets.
2. GPS Coordinates of each site mapped will be submitted in table format.
3. Complete location data sets in a shapefile (closed polygons and points) and Excel format.

The survey should be completed during the growing season for the Alaska Peninsula Mountains ecoregion. According to the USACE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Alaska Region, the growing season for the Alaska Peninsula Mountains is May 15 to October 1.

The Department will provide the previous Invasive Plant Survey conducted in 2018.

### **Permitting**

If needed, the Contractor will prepare the draft USACE permit application and required draft USACE-compliant drawings in accordance with the Corps Permit Checklist. The Contractor will prepare drawings, sections, typical sections, visuals, and maps for any necessary environmental efforts.

### **Compensatory Mitigation**

If necessary, the contractor will calculate and provide support for Acquisition of Compensatory Mitigation Credits. See Appendix C for detailed requirements of compensatory mitigation support.

### **Environmental Support Deliverables**

Environmental support deliverables are subject to negotiation and change depending on the authorized development level of the project.

At a minimum, the following deliverables can be expected:

- If needed, USACE Permit Application (.doc and .pdf)
- If needed, Mitigation Statement (.doc and .pdf)
- If needed participation in meetings with the Department and the USACE to discuss compensatory mitigation options
- If needed, Draft Request for Mitigation Quotes letters in Word format
- If needed, Final Request for Mitigation Quotes letters following receipt of comments from the DOT&PF in Word or PDF format.
- If needed, participation in meetings with mitigation providers to discuss responses to the request for Mitigation Quotes.

### **Environmental Document**

The Contractor will prepare a draft environmental document in accordance with NEPA following the FAA 1050.1F Desk Reference, and as directed by the Department's Project Environmental Coordinator. It is anticipated that the project may qualify as an Environmental Assessment (EA).

### **Environmental Document Deliverables:**

Environmental Document deliverables are subject to negotiation and change depending on the authorized development level of the project.

The following deliverables can be expected:

- Class of Action development for consultation with assigned FAA Environmental Protection Specialist: consultation will determine appropriate level of environmental documentation is either EA or a Categorical Exclusion (CATEX);
- If determined a CATEX, then
  - Develop draft document with supporting documentation;
  - Develop final document with supporting documentation
- If determined an EA, then
  - Develop draft document with supporting documentation
  - Develop final document with supporting documentation