

Metropolitan Washington Airports Authority
PROCUREMENT AND CONTRACTS DEPT.
AMENDMENT OF SOLICITATION

Metropolitan Washington Airports Authority Procurement and Contracts Dept., MA-29 2733 Crystal Drive Arlington, VA 22202	1A. AMENDMENT OF SOLICITATION NO.	1B. DATED
	IFB-21-20084	March 8, 2021
	2A. AMENDMENT NO.	2B. EFFECTIVE DATE
	Three (0003)	April 12, 2021

The solicitation identified in Block 1A is amended as set forth in Block 3. Hour and date specified for receipt of offers is extended, is not extended. Offerors must acknowledge receipt of this amendment prior to the hour and dated specified in the solicitation or as amended, by one of the following methods: (a) by completing Block 4 and returning copy of the amendment; (b) by acknowledging receipt of this amendment on the Solicitation Offer and Award Sheet, Block 13. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

3. DESCRIPTION OF AMENDMENT

The Metropolitan Washington Airports Authority Solicitation IFB-21-20084, entitled "Cargo Buildings 1 through 4 Rehabilitation at Washington Dulles International Airport" is amended as follows:

1. Section X – Attachment 01, Specifications, Section 013543 – Environmental Procedures is hereby revised with the attached Section 013543 – Environmental Procedures, Revised April 5, 2021.
2. Section X – Attachment 07 – Hazardous Materials Report hereby added as reference to the above solicitation.
3. Deadline for the bid submission is remain unchanged to 2:00 P.M April 22, 2021.
4. All other terms and conditions of the solicitation remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Block 1A, as heretofore changed, remain unchanged and in full force and effect.

4A. NAME AND TITLE OF OFFEROR	4B. SIGNATURE	4C. DATE

SECTION 013543 - ENVIRONMENTAL PROCEDURES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings, Contract Provisions, Special Provisions, and other Division 01 Specification Sections apply to this Section.

1.2 SUMMARY

The articles and paragraphs of this Section represent supplements or additions to the Contract Provisions or the Special Provisions. The requirements of this section are the sole responsibility of the Contractor. No additional payment will be made to the Contractor to fulfill these requirements.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 ENVIRONMENTAL PROTECTION

- A. Comply with all Federal, state and local laws and regulations controlling pollution of the environment. Take necessary precautions to prevent pollution of streams, rivers, lakes, ponds, and reservoirs with fuels, oils, bitumen, chemicals, or other harmful materials and to prevent pollution of the atmosphere from particulate and gaseous matter.
- B. Notify COTR immediately in the event that abnormalities, discolorations, odors, oil, or other signs of potential contamination by hazardous materials are encountered during excavation or other construction activities. Follow with written notice within 24 hours, indicating date, time, and location of potential contaminants encountered. The COTR will provide further direction to Contractor regarding disposition of materials encountered.

3.2 PETROLEUM IMPACTED SOIL AND WATER

- A. Petroleum contaminated soils and water may be encountered during the construction of this project. Petroleum impacted soils range from saturated to 1.0 ppm. Petroleum impacted water ranges from free product to "non - detect." Maintain the necessary health and safety requirements for all personnel in accordance with OSHA regulations.

3.3 HAZARDOUS BUILDING MATERIALS MANAGEMENT

A. LEAD-CONTAINING SURFACE COATINGS:

All painted surfaces are assumed to contain lead-based paint. The Contractor shall maintain the necessary health and safety requirements for all personnel in accordance with OSHA regulations to work in these conditions. The Contractor shall conduct work activities in a manner which complies with OSHA Title 29, Section 1926.62, Lead in Construction, 1910.1025, Lead Exposure, and 1910.134, Respiratory Protection. The Contractor is responsible for conformance with all applicable worker protection regulations including but not limited to respiratory protection, air monitoring and medical surveillance. Any de-leading activities, such as stripping and wet

scraping, as currently defined by the Commonwealth of Virginia, must be performed by Commonwealth of Virginia licensed lead abatement workers with a minimum of 32 hours of training in accordance with EPA regulations. In addition, at least one Commonwealth of Virginia licensed lead abatement supervisor must be on-site at all times during lead abatement activities and have a minimum of 40 hours of training in accordance with EPA regulations. All other work activities impacting lead-containing surface coatings, such as manual demolition, shall be performed by workers with a minimum of two-hour lead awareness training in accordance with OSHA Standard 29 CFR 1926.62, Lead in Construction. The removal and disposal of lead-based paint is part of this contract. The contractor shall provide proof of training upon request of the COTR.

B. ASBESTOS-CONTAINING MATERIALS:

1. Asbestos sampling has been performed on Cargo Buildings 1,2,3 and 4, and non-friable asbestos has been include in a report dated January 12, 2012.The results of the positive tests are included herein for reference. The entire report is available for review upon request. The work for this project shall include removing, storing, hauling and disposing of affected materials in the quantities and locations as indicated.

Table2 Asbestos-Containing Materials Dulles International Airport. Cargo Buildings #1 - #4, Canopy Roofs					
Hazardous Material	Material Description	Location	Homogeneous Material Code	Estimated Quantity	NESHAP Class
Asbestos	Roof membrane core (rubber membrane with ACM tar below)	Cargo Building #1 -AOA side	RM3	3,375 sf	Cat I, Non-Friable
Asbestos	Interior flashing (against building)	Cargo Building #3 - AOA side, interior side of canopy roof	RFL8	500 lf	Cat I, Non-Friable
Asbestos	Exterior flashing (outer edge of canopy root)	Cargo Building #4 - AOA side , exterior side of canopy roof	RFL16	500 lf	Cat I, Non-Friable

2. The Contractor shall be responsible for preparing and submitting all pre-demolition notifications including but not limited to the EPA NESHAP and Virginia Department of Labor and Industry notifications.
3. The Contractor shall be responsible for removing, storing, hauling and disposing of all asbestos containing materials prior to starting demolition activities. The asbestos abatement Contractor shall have a valid Virginia Asbestos Contractors License and all asbestos workers and supervisors shall have valid Virginia Asbestos worker and Supervisor Licenses.
4. The Contractor shall be responsible for providing air monitoring services for the duration of this

work to include pre-work/background, personal, area and final air clearance sampling. The air monitoring firm shall be licensed as a Virginia Class A Contractor, and a Virginia Asbestos Analytical Laboratory.

5. The Contractor shall prepare and submit an Asbestos Abatement Plan (AAP) prior to starting abatement activities. The AAP shall be approved by the COTR prior to starting work. At a minimum, the AAP shall include:
 - a. Contractor and Subcontractors Qualifications
 - b. A copy all Contractor's and worker's Virginia licenses
 - c. Asbestos Removal work plan
 - d. Air monitoring plan
 - e. Waste hauler information
 - f. Disposal facility information
 - g. Respiratory protection plan

C. MOLD:

The Contractor shall assume that mold is present within the buildings scheduled for demolition. The Contractor shall maintain the necessary health and safety requirements for all personnel in accordance with OSHA and EPA regulations to work in these conditions. Mold remediation may be required in conjunction with the asbestos abatement work.

3.4 CONTAMINATED SOIL COLLECTION AND DISPOSAL

- A. The Contractor shall be responsible for characterizing, hauling, stockpiling, and disposing of all excess suitable and unsuitable soils. All excess soil and unsuitable soils is assumed to be contaminated and shall be properly disposed of at a recycling/treatment facility specifically permitted to accept and treat contaminated soil. Disposal of soil at a landfill or reclamation site is prohibited.
- B. All soils to be removed shall be characterized for offsite treatment/recycling. At a minimum, the Contractor shall characterize all excess soil and unsuitable soil material for Total Petroleum Hydrocarbons (DRO and GRO), BTEX, VOCs, PCBs, and TCLP Metals. However, the Contractor shall be responsible for the cost and for coordinating with the selected treatment/recycling facility for all additional testing that may be required by the facility for acceptance of the material. Soil characterization is not required for soils to be reused onsite unless it will be used as backfill around new piping or utilities. At a minimum, the Contractor shall sample the unsuitable and excess soil at a rate of one composite sample per every 100 cubic yards.
- C. The recycling/treatment disposal facility shall be approved by the COTR prior to the start of land-disturbing activities. The characterization, hauling, stockpiling, treatment and disposal of all soil shall be in accordance with the Contractors approved Soil Management Plan. The Contractor shall not haul any soil off Airport property until the Contractor has characterized the soil in accordance with their Soils Management Plan.

- D. The Contractor shall submit a Soils Management Plan (SMP). The Contractor's Soil Management Plan must be approved by the COTR prior to the start of land-disturbing activities. At a minimum, the Contractor's Soil Management Plan shall include:
 - 1. Offsite disposal/treatment facility information
 - 2. Dust suppression and monitoring
 - 3. Soil excavation and stockpile management procedures. Stockpiling Plan to include onsite reuse of soils, deleterious materials, and off-site disposal soils.
 - 4. Soils characterization/sampling Plan
 - 5. Record keeping/manifesting procedures

- E. Do not use petroleum-contaminated soils as backfill around new piping or utilities. Transport petroleum contaminated soils to a location identified by the COTR. Place the contaminated soils on two layers of reinforced 6 mil plastic sheeting, install and maintain sediment and erosion controls, and adequately cover the stockpile to prevent water infiltration.

3.5 DEWATERING

- A. The Contractor shall prepare and submit a dewatering plan for COTR approval prior to starting land disturbing activities. At a minimum, the dewatering plan shall include: the proposed effluent discharge locations, treatment system layout and location, dewatering/treatment schematic, flow diagrams, system maintenance requirements, operator information and qualifications, copy of the discharge permit and listed of permit requirements, minimum and maximum flow rates, cold weather protection plan, effluent sampling plan, and effluent testing frequency, etc.

- B. Alternatively, the Contractor could elect to pump, store, test, and either recycle at an approved recycling facility or discharge onsite if the test indicates the water is clean. The contractor is responsible for all sampling and analysis related to waste characterization. In addition, the contractor shall provide all required auxiliary equipment including, but not limited to, frac tanks, pumps and appurtenances.

3.6 UNIVERSAL AND SPECIAL WASTE

- A. The Contractor is responsible for removing, storing, transporting, and recycling of all fluorescent light tubes, high intensity discharge (HID), neon, ultraviolet (UV), mercury vapor, high pressure sodium, and metal halide lamps scheduled for removal as part of this project. Recycled lamps are regulated as Universal Waste Lamps. All Universal Waste lamps are to be handled and stored in a manner to prevent breakage. The lamps (unbroken) must be placed into containers or packages that are structurally sound and are adequate to prevent leakage. The containers and packages must be labeled with the words "Universal Waste Lamps" and shall include the generation date. While accumulating lamps, the containers and/or packages must be stored in a satellite accumulation area designated with a sign as a "Satellite Accumulation Area for Universal Waste Lamps." The satellite Accumulation Area shall be approved by the COTR. All Universal waste shall be properly recycled within 90days of the generation date listed on the drum.

- B. The Contractor shall be responsible for visually inspecting all light ballasts for the presence of PCBs. The ballasts shall assume to contain PCBs unless they are labeled "No PCBs". All PCB-containing light ballasts shall be stored and labeled in accordance with 40 CFR 761. The Contractor shall be responsible for removing and storing and disposing (by incineration) the PCB-

Containing Light Ballasts. The Contractor shall provide the Authority with the Certificate of Recycling/Incineration within 45 days of recycling.

- C. The Contractor shall submit a Universal and Special Waste Management Plan (USWMP) prior to starting demolition activities. The USWMP shall include but not limited to:
 - 1. The identification of wastes associated with the work.
 - 2. Estimated quantities of waste for recycling
 - 3. Recycling facility information for each waste stream
 - 4. Hauler information including licenses and permits
 - 5. Storage and labeling plan
 - 6. Proposed storage location
 - 7. Training information.
- D. Ozone Depleting Substances: The contractor is responsible for recovery and recycling of Ozone Depleting Substances in accordance with applicable federal, state and local regulations. The contractor must provide information including quantity, type, reclamation certificates, and recovery method for refrigerants associated with heating, ventilation, and air conditioning equipment removed or altered.

3.7 PROJECT GENERATED WASTES

- A. All PGW must be disposed of in accordance with federal, state and local regulations. All waste disposal facilities must be approved and meet must meet the following criteria:
- B. The disposal facilities must be properly permitted and licensed pursuant to environmental law to accept the waste material by Federal, state, commonwealth, municipal or other local government agencies or bodies with applicable jurisdiction to license and permit disposal facilities.
- C. Wastes should be sufficiently characterized to ensure they are compatible with the disposal facilities used. Wastes should only be sent to facilities compatible with and licensed and permitted to receive the characterized wastes.
- D. Waste disposal facilities that have been identified on the United States EPA (CERCLA) National Priorities List or pursuant to any functional equivalent of that list made by Federal, state, commonwealth, municipal or other local government agency or body with applicable jurisdiction pursuant to environmental law will not be used.
- E. Waste disposal facilities that are operated by an owner/operator in bankruptcy shall not be used.

3.8 ANNUAL STANDARDS AND SPECIFICATIONS

- A. The Contractor shall conduct land disturbing activities in accordance with applicable federal, state and local regulations and MWAA documents including, but not limited, to the following:
 - 1. Virginia Erosion and Sediment Control (E&SC) Laws and Regulations,
 - 2. Virginia Stormwater Management (SWM) Laws and Regulations,
 - 3. Latest version of MWAA Annual Standards and Specifications for SWM and ESC,
 - 4. Approved SWM Plan,

5. Approved ESC Plan, and
 6. MWAA Stormwater Compliance Manual for Contractors.
- B. Stormwater Pollution Prevention Plan (SWPPP): Contractor must develop a SWPPP in accordance with Specification Section 312514.
- C. Certified Erosion and Sediment Control Inspector
1. The Contractor shall provide a Virginia Certified Project Inspector for Erosion and Sediment Control (E&SC) for the Project. This certification is defined in 9VAC25-580-40 as The person responsible for inspecting erosion and sediment control practices to ensure compliance with the Virginia Erosion and Sediment Control Law and Regulations. The Certified Inspector must have attended the Virginia DEQ 2-day Erosion and Sediment Control Inspector class, and passed the certification exam. The proposed E&SC Inspector's qualifications and Certification number shall be submitted for approval prior to starting land-disturbing activities.
 2. The approved E&SC Inspector shall be responsible for conducting periodic inspections as follows:
 - a. during or immediately following the installation of erosion and sediment controls,
 - b. at least once in every two-week period,
 - c. within 48 hours following any runoff producing event (i.e. >.25 "),
 - d. and at completion of the project, prior to the Contractor submitting the Notice of Termination Forms.
 3. This inspector shall be independent of the Contractor and will act solely on behalf of the Airports Authority. Their duties cannot include Contractor required SWPPP and E&SC Inspections. The Contractor is still required to provide their own Qualified SWPPP inspector to perform their weekly, and rainfall event inspections in accordance with the conditions of the VSMP permit and their SWPPP. Specific responsibilities include:
 - a. Conducting regular inspections of active construction sites to ensure proper construction, function, and maintenance of erosion and sediment control measures as identified on the approved E&SC Plan and in accordance with the most recent revision of the MWAA Annual Standards and Specifications (AS&S) for Stormwater Management (SWM) and E&SC.
 - b. Documenting inspections and providing compliance recommendations, photographs, etc.
 - c. Coordinate with the MWAA E&SC Program Administrator for initiating enforcement action when needed.
 - d. Ensuring compliance for correcting deficiencies or violations.
 - e. The Inspector shall provide copies of all inspection reports and findings to MWAA E&SC Program Administrator. Any issues identified during the inspections that require major revisions to the Project E&SC Plan or SWPPP shall be coordinated with the MWAA E&SC Program Administrator in accordance the most recent revision of the MWAA AS&S.

PART 4 - MEASUREMENT (Not Used)

PART 5 - PAYMENT (Not Used)

END OF SECTION 013543

SECTION 013543 - ENVIRONMENTAL PROCEDURES