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# STATEMENT OF WORK (SOW)

**FOR**

**MULTIPLE AWARD CONSTRUCTION CONTRACT IV (MACC IV)**

**HILL AIR FORCE BASE, UTAH**

**21 August 2020**

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# SECTION I: DESCRIPTION OF SERVICES

## OBJECTIVE

Establish the Multiple Award Construction Contract (MACC) IV which is an Indefinite-Delivery, Indefinite- Quantity (IDIQ) - design-build contract covering multiple disciplines in general construction to be managed by the 75th Civil Engineering Group (CEG) at Hill Air Force Base (HAFB) and Utah Air National Guard Base (UAGB), Utah. Project locations may also include remote sites such as Boulder Seismic Station Pinedale, Wyoming; Little Mountain, Utah; Utah Test and Training Range (UTTR); and Carter Creek, Utah. Task Orders (TO) shallbe issued under this contract to define specific project requirements.

## SCOPE OF WORK

The Contractor shall furnish all equipment, tools, supervision, labor, material, quality control, and other items necessary to safely design, manage, and accomplish a broad range of repair, modification, and construction tasks on various real property facilities. Tasks include design, selection, fabrication, installation, modification, and test on various facilities and interfacing equipment. Tasks may involve a variety of disciplines, including, but not limited to the following: design, demolition, reclamation, utilities, excavation, structures, electrical, mechanical, architectural, and other specialty and general construction work.

## CONTRACTOR QUALIFICATIONS

### CONTRACTOR ORGANIZATION

The prime construction Contractor shall form a partnership with an Architect-Engineering (A-E) design team to meet the requirements of each TO. The Contractor’s organizational approach shall be integrated with the design team to provide comprehensive design capabilities including assessment, analysis, planning, management, and quality control to ensure a completely functional and finished product. After contract award, the Contractor shall not change teaming members unless approved by the Contracting Officer (CO) in writing.

### CONTRACTOR BONDING

The prime construction Contractor shall have a bonding capacity of $10M per project and $40M aggregate. The Contractor shall maintain this bonding for the duration of the MACC IV contract.

### CONTRACTOR EXPERIENCE

### MACC IV Contractors shall have experience performing design-build projects on military installations or for commercial aviation infrastructure within secured airports and industrial production facilities.

## PROJECT DESIGN

### Construction Start Approval

Construction may not begin until the final design documents are approved in writing by the Project Manager or Project Engineer with a signed Notice to Proceed (NTP) letter provided by the CO (or COR as authorized by the CO). Once the design is approved, design changes are not allowed without written approval by the CO prior to implementation. All decisions requiring contract modification shall be addressed through the CO. In many cases, “fast-tracked” projects (projects which start construction before the design is approved) will be clearly defined in the TO with various fast-tracked phases. In case of a fast-tracked project, construction may start only upon completion and approval of the design phases as defined in the TO.

### Design and Construction Efforts

The TO will specify the design effort required based on project requirements. A particular project may have two or more levels of design effort depending on the various technical areas, disciplines, and features of the project.

#### Complete Design Effort Required

The Contractor shall develop project design documentation including drawings, specifications, design analysis, etc. representative of a 30%, 60%, 90% or 100% design effort (or as identified within individual TOs). Upon completion of design, and upon acceptance by the Government, construction execution shall commence and be completed in accordance with (IAW) TO requirements.

#### Consummate Design Effort Required

The Contractor will be provided a previously accomplished preliminary or intermediate design effort (e.g. 30% / 60%) including available drawings, specifications, and/or design analysis, etc.**,** which will be further developed by the Contractor, into a 100% final design effort. Upon completion of design~~,~~ andacceptance by the Government, as defined in section 1.4.1, construction execution shall commence and be completed IAW TO requirements.

#### Construction Effort Only

The Contractor will be provided 100% completed design documentation (i.e. drawings, specifications, and/or design analysis, etc.) to initiate and complete construction execution IAW TO requirements.

### Engineering Design Approval by Licensed Professionals

Unless otherwise indicated in the TO, the design of architectural, structural, mechanical, electrical, civil, fire protection, or other engineering features of the work specified in the individual TOs shall be reviewed, signed and stamped by licensed architects and engineers.

## PROJECT ADMINISTRATION:

### Contractor Key Personnel Responsibilities:

#### Contract Manager

The Contractor shall provide a Contract Manager (CM) who shall be responsible for the performance of the contract at the base contract level. The CM shall be the primary point of contact (POC) for basic contract issues. The name of this person and an alternate, who shall act on behalf of the Contractor when the CM is absent, shall be designated in writing to the CO. The CO shall be notified of any future changes to the names of the designated person(s). The contract manager shall be located locally (within 50 miles) of HAFB.

##### CM Authority

The CM shall have full authority to act on behalf of the Contractor on all contract matters relating to the daily operation of this basic contract. The CM and/or alternate shall be available during normal duty hours, within one workday, to meet with Government personnel to discuss problem areas and shall be able to read, write, speak and understand English.

#### Contractor Project Manager (PM)

The PM shall be responsible for the overall management of the project at the TO level. The PM shall be the Primary Point Of Contact (POC) for project issues. The Contractor shall notify the CO in writing of The PM assignment upon award of each TO. The PM shall be responsible for ensuring that effective processes are developed to meet the objectives of the required TO tasks. The PM shall also ensure that quality work is performed safely, on schedule, and within the allocated budget. Unless otherwise stated in the TO SOW, The PM shall not be allowed to also perform the duties of the Project Superintendent.

#### Project Superintendent

The Project Superintendent shall evaluate the requirements on specific TOs and shall develop and implement a plan to meet those requirements. The Project Superintendent shall be the primary POC during construction. The Contractor shall notify the CO in writing of the intended Project Superintendent at the Pre-Construction Conference and before the issuance of the NTP IAW section 1.4.1. If the Project Superintendent is changed during the TO Period of Performance (PoP), the Contractor shall notify the CO in writing of the intended replacement. The designated superintendent or delegated representative shall be on individual TO construction site anytime construction work is performed.

#### Contractor Quality Control (CQC) System Manager

Identify as Lead CQC System Manager an individual within the onsite work organization that is responsible for overall management of CQC and has the authority to act in all CQC matters for the Contractor. The Lead CQC System Manager is required to be a graduate engineer, graduate architect, or a graduate of construction management, with a minimum of 10 years construction experience on construction similar to this Contract. This CQC System Manager is on the site at all times during construction and is employed by the prime Contractor. The CQC System Manager is assigned no other duties. The Lead CQC System Manager is required to have completed the Construction Quality Management (CQM) for Contractors course. If the Lead CQC System Manager does not have a current certification, obtain the CQM for Contractors course certification within 90 days of award. This course is periodically offered by the Naval Facilities Engineering Command and the Army Corps of Engineers. Additional CQC System Manager may be appointed upon the approval of the CO if the Contractor has more than one project ongoing at once under this contract. Any additional CQC System Managers must meet the same experience and certification/training requirements as described above for the Lead CQC System Manager.

#### Architect-Engineering (A-E) Professional

The Contractor shall have an established agreement with an Architect-Engineer (A-E) design firm to provide a full range of construction and engineering services for the term of the contract. The A-E professionals shall be licensed in a state within the United States to practice in the applicable discipline(s) required for individual TOs. Experience is not a valid substitute for a professional license. The A-E team shall possess at least one licensed individual, in each of the following disciplines who have a minimum of 15 years design experience: Architect, Civil Engineer, Mechanical Engineer, Electrical Engineer, Structural Engineer, Geotechnical Engineer, and Fire Protection Engineer. Any member changes to the A-E Team shall be approved in writing by the CO. The A-E team shall retain at least one Leadership in Energy and Environmental Design (LEED) or Green Building Initiative Accredited Professional (AP) during the duration of the contract. Professional disciplines required for the A-E Team include, but are not limited to, Architect, Civil Engineer, Mechanical Engineer, Electrical Engineer, Structural Engineer, Geotechnical Engineer, and Fire Protection Engineer. Other engineering disciplines may be required based on the TO requirements. The various levels of A-E professional responsibilities are listed below.

##### Level I - Senior Level Professional

Senior level professionals are responsible for performing complex or non-routine technical tasks or for supervision and oversight of a small group working on technical issues or specific elements of a project.

##### Level II - Mid-Level Professional

Mid-Level personnel perform technical tasks such as calculations layouts, evaluations of data, and preparation of portions of a design or report under the direction of a senior professional.

##### Level III - Junior Level Professional

Junior level personnel perform routine tasks such as preparing graphical presentations of data, simple data interpretation, preparation of supporting material, etc.

#### Technical Labor

The Contractor shall employ a variety of technical labor personnel experienced in construction activities as required per project. Technical personnel shall perform in a support role in routine activities. The PM and Project Superintendent shall be responsible for assigning qualified personnel to individual TOs. Technical labor specialties may include but are not limited to Engineering Technician, Construction Inspector, Construction Manager/Supervisor, Draftsperson, Estimator, Technical Writer, Technical Editor, Site Superintendent, Surveyor, Cost Technician, or Schedule Technician.

#### Emergency Contact Information

The Contractor shall provide the CO and the Government Project Manager (GPM) with the names and phone numbers of a primary and alternate CM in case of emergency.

#### Standards of Dress

The Contractor’s employees shall present a clean, neat appearance and be easily recognized as Contractor employees. This may be accomplished by wearing distinctive clothing, by wearing clothing bearing the name of the company, and/or by wearing appropriate badges which contain the company name and the employee’s name. Clothing or badges shall be provided by the Contractor.

#### Removal of Contractor’s Employees

The Contractor agrees to utilize only experienced, responsible and capable people in the performance of work. The CO may contact the prime Contractor regarding employees who endanger persons or properties; whose continued employment under this contract is inconsistent with the interest of military security; or who are determined by the CO or GPM as being incapable of rendering the services IAW this contract for corrective action. When warranted, the CO reserves the right to contact the prime Contractor to request removal of a Contractor employee(s) permanently, and with immediate effect, from work or access to the base.

### Task Order Management

The Contractor shall implement the full range of work required for each TO and IAW all applicable compliance documents. Refer to attached Appendices for compliance documents. The Contractor shall supply all labor, equipment, and materials necessary to accomplish the work assigned unless otherwise specified in each TO. The Contractor shall perform management and planning functions, including performance measurement and fund status reporting, through the course of this contract.

#### Integrated Master Schedule (IMS)

The Contractor shall provide a detailed IMS in each TO proposal. The Contractor shall maintain the IMS to facilitate management and to provide the capability for early identification of potential schedule impacts. The IMS shall show the critical path for design/construction and reflect anticipated adverse weather days for project locations. The IMS shall include negotiated baseline dates and current schedule projections. The current IMS shall be maintained and updated at least monthly to accurately reflect program progress and provide realistic forecast projections. The Contractor shall provide schedule updates at either a detailed level or a summary level as requested by CO. Additionally, IMS updates that reflect actual schedule progress shall be submitted on AF IMT 3065 Contract Progress Report or as approved by the CO. The Contractor shall submit the Initial IMS and AF Forms 3064/3065 for Government review and approval on an AF Form 3000 as specified in the TO. The Initial IMS, AF Form 3064/3065, and submittal via AF Form 3000 must be submitted and approved by the Government before a design or construction NTP will be issued by the Contracting Officer. The initial IMS shall be prepared and submitted in .pdf format and shall be based on the IMS presented in the Contractor’s accepted proposal. The AF Form 3064/3065 shall be derived from the IMS and be structured by major Construction Specifications Institute (CSI) divisions and assigned appropriate value in relationship to overall work and contract value. The TO initial IMS shall include an advanced level of detail and include all necessary tasks, subtasks, and activities to reflect all construction activities that may have been only summarized in the proposal IMS. More specific schedule and report requirements will be identified in each TO. The CO will approve all schedules and any proposed changes to the schedules.

#### Period of Performance (PoP)

The PoP will be stated on each individual TO.

#### Meetings

The Contractor shall perform a site visit and/or attend a pre-proposal conference, a post- award conference, pre-performance conference, or pre-construction conference as specified in each TO. The Contractor shall also attend and/or support meetings and teleconferences to discuss technical or regulatory issues and project progress and status. Meetings will include, but are not limited to, purposes such as contract discussion, progress reviews, planning, design reviews, construction reviews, project status, and the general exchange of information concerning current and future activities. The Contractor shall prepare briefings with all applicable material and minutes for all aforementioned meetings which are held.

#### Red Zone Meetings

The Contractor shall support “Red Zone Meetings” as part of the closeout of the project. The “Red Zone” meetings shall occur at 90 days, 60 days, and 30 days prior to beneficial occupancy and construction completion. At this meeting, the Contractor and the project stakeholders shall discuss, define, and achieve consensus on actions necessary to complete construction and support user occupancy.

#### Notification

The Contractor shall notify the CO and GPM of critical issues that may affect the contract performance and/or human health and the environment. The types of issues that require notification include, but are not limited to, health risks, spills, improper utility location, differing site conditions, changes in critical personnel, and identification of hazardous materials (e.g. asbestos.)

#### Permits

The Contractor shall develop, coordinate, and assist the Government in applying for and obtaining all federal, state, local, and other applicable permits, access (including off-base easements and leases), agreements, licenses, and certifications required to perform and complete each TO. The Contractor shall comply with all applicable permit conditions.

#### Remote Sites

The Contractor shall perform work as specified per the TO at remote locations. The Contractor shall be responsible for all personnel, supplies, equipment, materials, and infrastructure (such as potable water, utility systems, housing, dining, transportation, and medical care) when there are no facilities or services available.

#### Work Site Coordination

The Contractor shall coordinate work site activities to ensure the protection of human health and the environment; the prevention of excess to property, utilities, materials, supplies, and equipment; and the avoidance of work interruptions.

#### As-Built Drawings and Global Information Systems (GIS) Updates

The Contractor shall establish and update the GIS and/or Auto Computer Aided Design (ACAD) files as specified in each TO. GIS software shall provide a repository system to store subsurface data, contour concentrations, utility locations, etc. GIS software shall be compatible with appropriate systems as specified. The Contractor shall use the version of ACAD used by the Base and the drawings shall follow the Base ACAD Standards. All drawings shall use the ACAD Standard borders and title sheets. The Contractor shall provide data in electronic format or as specified in each TO. Software in support of this effort shall conform to Air Force (AF)/Department of Defense (DoD) standards for systems design, development and planning procedures for the pertinent disciplines identified in the project tasks. The Contractor shall provide As-Built drawings in ACAD bound format that show the revisions made to the drawings. The Contractor shall use the latest version of AutoCAD in compliance with the Base Design Standards. Refer to current Base Facility Design Standard for required version of AutoCAD. Additional requirements, if any, will be specified at the TO level. Building Information Modeling (BIM) if required will be specified at the TO level.

## CONTRACT ADMINISTRATION DEFINITIONS

### Contracting Officer (CO)

The CO is a Government official authorized to enter into, make changes to, or terminate contracts on behalf of the United States (US) Government. COs are responsible for ensuring performance of all necessary requirements of the contract, to ensure compliance with the terms of the contract, and safeguard the interests of the US Government in its contractual relationships.

### Contracting Officer Representative (COR)

The COR is a Government official designated and authorized in writing by the CO to perform specific technical or administrative functions. The COR will assist in the technical monitoring and administration of the contract.

### Partnering

Partnering is a structured process, as well as philosophy of doing business with Contractors and the Government, that recognizes common goals through communication and teamwork. It helps create an environment where trust and teamwork prevent disputes, foster good working relationships, and facilitate the completion of a successful contract. The Contractor’s key personnel may be required to attend partnering meetings for the basic contract at the expense of the Contractor. In addition, formal partnering may be required prior to and/or during performance of an individual TO, if determined necessary by the Government (See section 1.5).

### Post-Award Orientation/Pre-Construction Conferences

After award of each TO, but prior to commencement of any work, the CO may conduct a post- award orientation/pre-construction conference and require the Prime Contractor and all sub-Contractors to attend. The notification will include specific details regarding the date, time, and location of the conference, need for attendance by subcontractors, and any information regarding the items to be discussed.

### Contract Performance

The CO is responsible for ensuring performance of all necessary requirements of the contract to ensure compliance with the terms of the contract and to safeguard the interests of the Government in its contractual relationships. The Contractor is responsible for supervision and inspection of the work performed. All work shall be performed in accordance with contract terms, conditions, and specifications. Inspection/acceptance by the Government in no way relieves the Contractor of criminal responsibility for fraud in misrepresenting either the quality or quantity of work provided and certified as complete by the Contractor.

### Modifications

Only the CO is authorized to execute modifications on behalf of the Government. In cases where the CO receives a request for additional work, revisions to requirements, schedule changes, etc. the CO will make the final determination in writing as to the appropriateness of the request.

### Notice of Changes

No verbal statement by the CO, authorized representative of the CO, or any Government representative shall constitute a modification under the changes clause of this contract, or entitle the Contractor(s) to an equitable adjustment of the price or delivery schedule. The only valid changes to the contract shall be issued in writing and signed by the CO.

## TASK ORDER (TO) PROCEDURES

### Task Order (TO) Fair Opportunity Proposal Request (FOPR)

A TO FOPR will be issued to each of the Contractors by the CO when a project is identified. The TO FOPR may not have traditional plans and specifications but will include a TO SOW. The TO SOW will include a list of work elements and/or sketches that define the project and state the Government requirements. All attachments to the TO FOPR, if applicable, will be considered to be a part of the project scope of work. A site visit will be held by the Government and the Contractors as requested in the TO FOPR to discuss all conditions and details of the work. Contractor clarification/questions shall be submitted in writing IAW TO proposal instructions.

### Submission of TO Proposal

The Contractors shall be requested to submit a TO proposal to the issuing office within the period stated in the TO FOPR which may consist of a combination of any of the following:

#### Technical Proposal

Concept sketches or drawings for proposed methods, performance schedule of design and construction, proposed technical approach/solution, list of required work elements, management approach, key personnel and/or subcontractors, catalogs, and/or other material submittals. Contractor shall provide a bid guarantee for each separate TO.

#### Price Proposal

The price proposal for the design and construction costs.

#### Past Performance

Recent and relevant performance information may be required. Definitions of "recent" and “relevant” will be specified in the TO FOPR for applicable projects.

### Government Right to Cancellation

The TO proposals shall be prepared at no cost to the Government, and are not reimbursable by the Government. TOs may be subject to availability of funds and are subject to cancellation by, and at no cost to, the Government. The Government reserves the right to cancel TO FOPRs, either before or after a FOPR closing date. In the event the Government cancels a FOPR, the Government has no obligation to reimburse an Offeror for any costs.

### TO Evaluation Criteria

Individual TOs will be competed among all awardees throughout the MACC IV contract ordering period IAW the Fair Opportunity process provided in FAR 16.505(b). Task orders will be firm-fixed price and will clearly define the specific work required. On average, projects will range between $2,000 and $10,000,000 with awards to be made on a best value basis determined by Lowest Price Technically Acceptable (LPTA), Tradeoff, or Low Price. Specific instructions to Offerors and evaluation criteria for individual TOs will be specified in the TO FOPR. The evaluation method will be determined by the Government.

### Competition

It is imperative that the Government receive as much competition on MACC IV Task Orders as possible.  All MACC IV Contractors will be solicited for each project and are highly encouraged to provide a proposal on all FOPRs under $5 Million.  In order to ensure there is sufficient competition on each MACC Task Order, the Government requests that the Contractors attend a minimum of three (3) site visits under $5 Million per contract year.  In addition, the Government requests that the Contractor submit a proposal on a minimum of three (3) projects per contract year. Failure to provide a proposal on a minimum of three (3) task orders per contract year will bring into question the Contractor’s continued interest and ability to meet basic requirements of the task orders.  If the Contractor does not provide a proposal on a minimum of three (3) proposals per contract year, the Gov. may request a detailed explanation from the contractor for not participating. A notice to the Offeror will be included in those FOPR’s in situations where funds are not presently available.  No award will be made until funds are available

#### Award Based on Best Value

Unless the CO applies one of the exceptions per FAR 16.505(b)(2), each TO will be awarded to the Contractor who offers the best value to the Government IAW TO specifications.

### Performance Evaluations

At the conclusion of each TO or other times as determined appropriate by the CO, the Contractor’s performance evaluation will be made through CPARS. The evaluation will take into account all aspects of the Contractor’s performance. The Contractor will be provided an opportunity to review and comment to the Government evaluation results through the CPARS.

# SECTION II: SPECIALIZED REQUIREMENTS

## Fire Suppression Services

The following fire protection and alarm requirements for each sub- category described below shall be addressed on individual TOs for the term of this contract. The requirement qualifications for a FPE license is identified in UFC 3-600-01.

### Fire Protection Engineering

IAW Air Force Instruction (AFI) 32-10141 for new systems or modified systems, construction (shop) drawings and calculations must be prepared by an individual that has obtained National Institute for Certification in Engineering Technologies (NICET), Automatic Sprinkler Systems, Level III Certification or Special Hazards Suppression Systems, Level IV Certification, IAW the applicable National Fire Protection Association (NFPA) code. A registered Professional Engineer, licensed to practice fire protection engineering, must stamp the shop drawings prior to submitting the fire suppression system shop drawings to the appropriate components designated Fire Protection Engineer.

### Fire Alarm Systems

IAW Unified Facilities Criteria (UFC) 3-600-01; fire alarm system working plans and calculations must be prepared and submitted for approval by a registered professional fire protection engineer (FPE) or an individual that has obtained NICET, Fire Alarm Systems, Level IV Certification (minimum) IAW NFPA 72. In addition to requirements of UFC 3-600-01, a FPE will serve as the designer of record for these systems, shall review and stamp the shop drawings and calculations prior to submitting the 100% fire alarm submittal for review by the Government. This submittal shall include all specifications required for a complete submittal, including, but not limited to: fire alarm floor plans, fire alarm reporting system, input/output matrix, fire alarm evacuation system, and automatic fire detection system construction (shop) drawings and devices, USGF specifications, etc.

### Fire Suppression Qualifications

The requirement qualifications to maintain a Professional Engineering license for fire protection (FPE) is identified in UFC 3-600-01.

## High Performance and Sustainable Buildings Requirements

All permanent construction activity on Air Force installations in the US and its territories are required to implement the guidelines for sustainability and performance as set forth in the current version of UFC 1-200-02. In addition, this standard references other mandated codes and standards which address sustainability and other policy requirements for energy and other aspects of building design. These requirements apply to new and remodeled buildings, additions, etc. with adaptations as approved by the Base Civil Engineering Group.

## Specialized Equipment Installation

The contractor may be required to install specialized equipment in conjunction with construction. Specialized technical expertise and experience requirements for installing high cost, specialized equipment will be mandated at the task order level.

# SECTION III: GENERAL INFORMATION

## Construction Quality Control Plan (QCP)

The Contractor shall develop and maintain a Construction QCP IAW Unified Facilities Guide Specifications (UFGS) 01 45 00.00 10 and may be required to provide a tailored QCP for individual TOs as defined in the TO FOPR. The Contractor shall develop and implement procedures for managing task order projects, including: identifying and preventing defective services from reoccurring; interim status reports; and remediation and change management procedures to meet and maintain schedule milestones. The Contractor shall designate a Lead Contractor Quality Control (CQC) System Manager who shall notify the Government in the event deficiencies are found. The Contractor must notify and obtain approval from the CO before changing any designated CQC System Managers. Records of all inspections conducted by the Contractor, and corrective action taken, shall be made available to the Government upon request.

### Revision of Construction Quality Control Plan (QCP)

If the QCP is revised, the Contractor shall submit the revision, in writing, to the CO for approval.

## PERFORMANCE HOURS

### Hours of Operation

To be determined at TO level.

### Recognized Holidays

The Contractor shall not perform work on the following Federal Holidays, unless authorized by the Contracting Officer:

New Year’s Day 1 January\*

Martin Luther King’s Birthday Third Monday in January

Presidents Day Third Monday in February

Memorial Day Last Monday in May

Independence Day 4 July\*

Labor Day First Monday in September

Columbus Day Second Monday in October

Veteran’s Day 11 November\*

Thanksgiving Day Fourth Thursday in November

Christmas Day 25 December\*

\*Note: If a holiday falls on a Saturday, it will be observed on the preceding Friday. If the holiday falls on a Sunday, it will be observed on the following Monday.

## SAFETY

### Contract Occupational Safety and Health Plan

The Contractor shall implement an Occupational Safety and Health Plan to ensure the safety of their personnel, as well as the protection of Government personnel and property. The Contractor is solely responsible for compliance with all federal, state and local laws, the Occupational, Safety and Health Act (OSHA) (Public Law 91-596) and the resulting standards, [OSHA Standards](http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&amp;amp%3Bp_toc_level=0) [29 CFR 1910](http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&amp;amp%3Bp_toc_level=0) [and 1926,](http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&amp;amp%3Bp_toc_level=0) as applicable. Additionally, the Contractor is responsible for the safety and health of all subcontractor employees. The Occupational Safety and Health Plan shall be used during the performance of the work described in the contract. The Occupational Safety and Health Plan will be reviewed for compliance by the CO and Base Wing Safety Office prior to the commencement of any work described in the contract. The Occupational Health and Safety Plan shall be completed as specified in Appendix C.

#### Revision of Occupational Safety and Health Plan

If the Occupational Safety and Health Plan is revised, the Contractor shall submit the revision, in writing, to the CO for approval. This Safety Plan will be reevaluated by Air Base Wing Safety Ground Office (ABW/SEG) and reported to the CO.

### Project Specific Occupational Safety and Health Plan

In addition to the Occupational Safety and Health Plan, the Contractor may be required to provide an Occupational Safety and Health Plan for projects of a long duration, or hazardous nature, or performance on a Government facility that involves hazardous materials or operations that might endanger the safety of the public and/or Government personnel or property as specified in the TO. Project specific Occupational Safety and Health Plans will be addressed in individual project TOs and will be reviewed by the CO and Base Wing Safety Office.

### Foreign Object Damage Prevention Program

All Contractors working in and around a flight line area must comply with AFMC 21-122, Foreign Object Damage Prevention Program. Prior to starting work in these areas, the Contractor shall contact the assigned COR for scheduling of Contractor personnel for required training by the Government.

## VOLUNTARY PROTECTION PROGRAM (VPP)

### Contractor Performance on Air Force Installations

VPP requires that Contractors performing on Air Force installations provide their employees safety and health protection equal in quality to that provided to Air Force employees; however, the Contractor will be responsible to manage their health and safety program. It is not the purpose or intent for the Air Force to manage or take responsibility for any Contractor’s safety and health program under VPP, this responsibility remains with the Contractor.

#### Applicability of VPP

VPP is applicable to Contractors whose employees work more than 1,000 hours per quarter at an Air Force installation, which includes HAFB, Utah. MACC IV project locations may also include other geographically separated locations such as but not limited to the locations listed in section 1.1. Applicable Contractors are required to flow down VPP requirements to all subcontractors who qualify as applicable Contractors under their contract. Contractors are not required to obtain VPP certification; however, they will be held to the higher safety and health of the AF installation. Contractors should become familiar with VPP, [http://www.osha.gov/dcsp/vpp/index.html.](http://www.osha.gov/dcsp/vpp/index.html)

### Submission of Project Incident Rates

Submission of Total Case Incidence Rate (TCIR) and Days Away, Restricted, and or Transfer Case Incident Rate (DART) reporting is required. Applicable Contractors are required to provide their annual TCIR and DART rates using the Summary of Work-Related Injuries and Illnesses, OSHA Form 300A, not later than the 15th of February to the Contracting Officer. In the event the Contractor’s rates exceed the most recently published Bureau of Labor Statistics (BLS) national average for the North American Industrial Classification System (NAICS) Code for the applicable industry (NAICS Code 2362), the Contractor shall provide a corrective action plan to ensure future rates improve.

### VPP Definitions

#### Applicable Contractor

A Contractor whose employees worked at least 1,000 hours at the site in any calendar quarter within the last 12 months and is NOT directly supervised by the applicant (installation).

#### Days Away, Restricted, and or Transfer Case Incident Rate (DART)

The number of recordable injuries and illness cases per 100 full-time employees resulting in days away from work, restricted work activity, and/or job transfer that a site has experienced in a given time frame.

#### Total Case Incidence Rate (TCIR)

Total number of recordable injuries and illness cases per 100 full- time employees that a site has experienced in a given time frame.

#### Voluntary Protection Program

The Voluntary Protection Program (VPP) promotes effective worksite- based safety and health. In the VPP, management, labor, and OSHA establish cooperative relationships at workplaces that have implemented a comprehensive safety and health management system. Approval into VPP is OSHA’s official recognition of the outstanding efforts of employers and employees who have achieved exemplary occupational safety and health.

## GREEN PROCUREMENT

### Adherence to Base Facility, UFC and UFGS Specification Requirements

The Contractor shall follow all Green Procurement identified in the most recent version of the Base Facility Design Standard (BFDS), applicable UFC and UFGS specifications as found in the Whole Building Design website ([www.wbdg.org](http://www.wbdg.org/)).

### Hazardous Materials and Soil Erosion

Protections from soil erosion to hazardous materials will be addressed in the contract specifications, applicable contract clauses, and task order specifics.

### Consideration for Recycled Content Products

Contractor shall consider the use of recycled content products, environmentally preferable products and services, bio-based products, energy- and water-efficient products, products using renewable energy, and alternatives to hazardous or toxic chemicals IAW Federal Green Procurement requirements and FAR provisions and clauses.

### Compliance with Federal, State and Base Environmental Requirements

Contractors shall ensure compliance with all federal, state, and Base environmental concerns and requirements for asbestos, lead-based paint, and disposal of construction and demolition waste. Contractor will recycle and/or reuse construction and demolition waste materials to maximum extent possible. All recyclable material removed shall be recorded on the Base Construction and Demolition Waste Diversion Report. Green procurement and waste diversion are addressed in detail in the BFDS. Specific instructions will be provided in TO SOWs.

# APPENDICES

# APPENDIX A: Design Codes and Standards

# APPENDIX B: Explosives Safety Awareness

# APPENDIX C: Safety, Fire Protection and Health Specification; Industrial Safety Requirements

# APPENDIX D: Air Force Sustainable Design and Development (SDD) Implementing Guidance

# APPENDIX E: Common Acronyms

# APPENDIX F: Base Map

# APPENDIX G: Asbestos/Lead Based Paint (LBP) Abatement Contractor Qualification Requirements