27 May 2026

STATEMENT OF WORK

REQUEST FOR PROPOSAL

DATE OF DOCUMENT: 27 May 2026

ELEVATOR MODERNIZATION B1020

PROJECT# FSPM25SP018

WORK ORDER #6458215

PROJECT MANAGER: Marcus Rodriguez

Project Management Office
412 CEG / CENMP
AIR FORCE TEST CENTER
EDWARDS AIR FORCE BASE, CALIFORNIA 93523-8540
PHONE (661) 277-3225

REVISION HISTORY:

NO	DATE	Description
1	27 May 2026	Only Building 1020 Elevators

1. SCOPE AND OBJECTIVE:

The Air Force Test Center (AFTC), Edwards AFB, CA, requests a proposal for work to be accomplished for the 412 EWG for Elevator Modernization at Building 1020. The work to be accomplished includes but is not limited to the following: Conveying Systems, Fire Protection Systems, and Electrical Systems.

2. PURPOSE OF THE DOCUMENT:

This Statement of Work serves as a tool for recording customer requirements, ensuring that these requirements are met and evaluating the project design before construction begins. The overall objective is to establish a plan of action for defining and achieving desired results and goals.

3. REQUIREMENTS:

Work is to be performed at Bldg. 1020 located in the Integrated Facility for Avionics Systems Test (IFAST) in Edwards, AFB and will require special secured space access with personnel having the ability to enter the Sensitive Compartmented Information Facilities.

All work shall be in accordance with all applicable federal, state, and local rules and

regulations (to include US Air Force/Edwards AFB requirements).

Contractor(s) shall be responsible for obtaining required access for work on Edwards Air

Force Base.

Electgricity supply to the elevator shall submit to Lock-Out-Tag-Out (LOTO) procedure.

Requirements statements in this section are organized using CSI/CSC Uni-Format for Building Construction**.** Contractor responsible for locating all utilities. The contractor shall accomplish the following:

D10 CONVEYING SYSTEMS

Base Bid: B1020 Freight Elevator

D1010 Vertical Transportation System

Controls

D1010.01 Contractor shall furnish and install new elevator microprocessor controller for each individual elevator controller and for each group controller. Elevator controller data package shall include all hardware and software required for the installation, maintenance, testing, and service of the elevator, in its entirety. Elevator controller shall

be designed to automatically reestablish normal elevator operation following any temporary loss of power, regardless of duration. Remote Interaction Operation (RIO) is not permitted to be installed.

D1010.02 Contractor shall furnish and install new elevator motor control with electronic, soft starter motor starter.

D1010.03 Contractor shall provide signed certification, from manufacturer's corporate headquarters, that guarantees that the microprocessor software and access system will not terminate the unlimited and unrestricted access at any future date.

Hydraulic Power Unit/Drive System

D1010.04 Contractor shall furnish and install new hydraulic elevator drive system, including pump unit, piping, cylinder/plunger assembly, and associated equipment, which will operate at a maximum working pressure of 500 psi or less. Provide complete elevator system that meets or exceeds the NEII-1 Ride Quality Standard, including elevator ride quality and noise levels in car and in elevator machine room and machinery space.

D1010.05 Contractor shall furnish and install all new portions hydraulic oil supply line that are installed below ground, including portions encapsulated in concrete or covered by construction, with continuous, Schedule 80, PVC.

D1010.06 Contractor shall furnish and install new intermittent-duty pump motor rated at 120 starts/hour and class F insulation. Motor shall be sized so that the motor amperage does not exceed the motor data tag amperage in any operating condition, exclusive of acceleration and deceleration.

D1010.07 Contractor shall furnish and install new self-contained pump unit, including oil hydraulic elevator pump, electric motor, suction-line oil strainer, and structural steel outer base with tank supports and isolation pads.

D1010.08 Contractor shall furnish and install new constant-velocity, down-speed regulated, control valve.

D1010.09 Contractor shall furnish and install new control valve, overspeed safety valve, blowout-proof muffler, and hydraulic pump discharge strainer in the hydraulic oil supply line. Hydraulic oil supply line hall be equipped with two (one in the elevator hoistway pit and one in the elevator machine room or machinery space) ¼ turn, ball valve type manual shutoff valves.

Door Operating Equipment

D1010.10 Contractor shall furnish and install new power-operated vertical rising bi-parting hoistway door packages for front and rear.

D1010.11 Contractor shall furnish and install new vertical rising gate with power door operator for car doors.

Button Fixtures (ADA & Fire)

D1010.12 Contractor shall furnish and install new industry-standard, vandal resistant push buttons with positive-stop assembly design.

D1010.13 Contractor shall furnish and install new hall station door-operating buttons, identical in size and design to hall call buttons, but not illuminating.

D1010.14 Contractor shall furnish and install two (front and rear) new car operating panels that contain operation controls and communication devices.

D1010.15 Contractor shall ensure that all new operator controls are exposed and accessible. In addition to ASME A17.1/CSA B44 requirements, the Contractor shall furnish and install at the minimum the following operating controls, identified as indicated:

- D1010.15a. LED Illuminating car-call buttons identified to correspond to landings served by the elevator.
- D1010.15b. "DOOR OPEN" and "DOOR CLOSE" buttons. For front and rear openings at the same floor, include the identification "F" and "R" for each opening.
- D1010.15c. Red, illuminating "ALARM" button.
- D1010.15d. Key-operated "Independent Service" switch.
- D1010.15e. "Help" communication device to include communication between elevator cab and elevator machine room or control room.

D1010.16 Contractor shall furnish and install all new service controls behind a locked cover not accessible to riders without a key. In addition to ASME A17.1/CSA B44 requirements, the Contractor shall furnish and install at the minimum the following operating controls, identified as indicated:

- D1010.16a. Key-operated, three-position switch for "In-car Inspection Operation" and "Hoistway Access". Center switch position shall provide normal, automatic operation.
- D1010.16b. "Car Light" must be a non-key operated switch.
- D1010.16c. "Car Fan" must be a non-key operated switch with two speed settings identified.
- D1010.16d. 120V AC 60 Hz single-phase duplex electrical outlet of ground-fault circuit-interrupt (GFCI) design.
- D1010.16e. In-Car stop switch located in the service cabinet.

D1010.17 Contractor shall install new audible signaling device, operable from the Car Operating Panel button marked "ALARM". Battery backup power capable of operating the audible signaling device for at least 1 hour shall be provided.

D1010.18 Contractor shall install new illuminating position indicator in the Car Operating Panel.

D1010.19 Contractor shall install new hall call fixture adjacent to elevator. Single push-button for terminal landings and dual push-buttons, up and down, at intermediate landings shall be provided.

D1010.20 Contractor shall install elevator Communication Means Failure (CMF) audible and illuminating signal, and reset switch, in the Firefighters' Operation (FEO) Designated Landing hall call fixture.

D1010.21 Contractor shall install elevator FEO Phase I switch and illuminating visual signal in the FEO Designated Landing hall call fixture.

D1010.22 Contractor shall install separate hall landing fixture that includes the visual elevator position indicator, visual direction indicators, and audible car arrival signal, in accordance with ABA Standards.

D1010.23 Contractor shall install elevator emergency power visual indicator when emergency or standby power is being provided for elevator operation.

Interior

D1010.24 Contractor shall furnish and install new cab wall panels and entrance components. Use same material and finish for all hoistway and car entrance assemblies.

D1010.25 Contractor shall furnish and install new cab finish floor with top of finish floor flush with the cab sill.

D1010.26 Contractor shall furnish and install LED lighting for elevator car interior illumination.

Bid Option 1: B1020 Passenger Elevator

Contractor shall perform all requirements in Base Bid for B1020 Passenger Elevator except for D1010.10, D1010.11, D1010.13, and D1010.14. The Contractor shall complete the following requirements instead:

D1010.27 Contractor shall furnish and install new single-speed side slide door package

D1010.28 Contractor shall furnish and install new prefinished steel car doors of sandwich construction with flush surfaces on car and landing sides. Contractor shall provide a minimum of two door guide assemblies per door panel (one guide at leading and one at trailing door edge with guides in the sill groove their entire length of travel).

D1010.29 Contractor shall furnish and install one new car operating panel that contains operation controls and communication devices.

Z10 GENERAL REQUIREMENTS

Z1010 Administrative

Z1010.01 Contractor shall field verify all dimensions.

Z1010.02 Contractor shall keep the area clean at all times and remove all waste in a timely manner.

Z1010.03 Repair/Replace any items damaged by the contractor employees and/or any sub-contractors while working on this project.

Z1010.04 All contractor personnel shall comply with all measures in the Environmental Requirements Checklist.

Z1020 Procedural

Z1020.01 All personnel shall wear the appropriate Personal Protection Equipment (PPE) while on the construction site. Failure to comply will result in removal from the construction site until the PPE is donned.

Z1020.02 Contractor shall coordinate construction effort with facility and/or project manager to prevent any construction delays, interruptions of classified work within the facility and/or movement of personnel and/or equipment.

Z1020.03 No excavation of any kind shall be performed prior to contractor obtaining a completed 412 CEG Digging Permit. Contractor shall be responsible for coordinating all signatures on the 412 CEG Digging Permit.

Z1020.04 Contractor shall contact 812 CES / CEFP Fire prevention 7 days prior to any welding, cutting or brazing operation by calling (661) 277-3124 or (661) 277-4433 to schedule an appointment for an issuance of AF Form 592 “USAF Welding, Cutting and Brazing Permit”.

Z1020.05 All workers for this project shall be cleared by the customers’ security and given a daily temporary workers badge before entering the customers’ controlled area.

Z1020.06 The Contractor shall be required to obtain identification badges from the Government for Contractor personnel who will be repeatedly accessing Government property to fulfill the contract requirements. The contractor shall be responsible for ensuring that all identification badges issued to contractor employees are returned to the Pass and ID office within 48 hours following completion of the contract, relocation or termination of an employee issued an identification badge.

Z1020.07 The Contractor shall comply with all USAF, federal, state, OSHA, DOT, EPA, standards, and local laws and regulations concerning the environmental, occupational safety and health, and hazardous material. In case of conflict among these laws and regulations, the most stringent law or regulation shall apply. The contractor shall ensure employees have all required training and certifications related to handling hazardous materials.

Z1020.08 Any waste or excess material resulting from any contract requirement shall be removed and disposed of at a proper disposal site off Edwards Air Force Base by the Contractor in strict accordance with applicable Federal, State, County and local laws.

Z1020.09 The Contractor shall hold a valid license or certification necessary to complete all required work.

Z1010.10 Government personnel, such as Inspector General or 412th MXG/MXOLS staff are authorized to observe contractor operations. Efforts will be made to minimize the degree of disturbance on contractor performance.

Z1010.10 The site location is a high-traffic area and will be occupied 24/7, do not leave tools or other safety- hazards unescorted and keep them in a safe location.

Z1030 Temporary Facilities and Temporary Controls

Z1030.01 Contractor shall install temporary signage and/or barricades to redirect personnel from the construction area.

4. REFERENCES

The references below shall be incorporated into the design analysis to meet the US Air Force standards where applicable:

- ASME 17.1
- CSA B44
- UFC 3-490-06 Elevators, with Change 1
- UFGS 14 24 13 Hydraulic Freight Elevators
- UFGS 14 24 23 Hydraulic Passenger Elevators
- EM 385-1-1 USACE Safety and Health Requirements
- Edwards Base Design Standard (available upon request)
- Air Force Instruction (AFI)
- Code of Federal Regulation (CFR)
- Other Federal, State and Local codes and regulations not listed above.
- Note: In the event of conflict between References and/or Applicable Military Criteria, the most stringent requirement shall apply, unless otherwise specifically noted in RFP.

5. ATTACHMENTS

Attachment 1: B1020 Project Boundaries

Attachment 3: Environmental Management Measures

ENVIRONMENTAL MANAGEMENT MEASURES

This project (Control No. 25-0202 *(Remove and Replace Existing Personnel and Freight Elevators - Building 1020)* qualifies for DoD NEPA Implementing Procedures, Appendix A.II.8 (Previously CATEX 10 (Performing interior and exterior construction within the 5-foot line…) under 32 CFR Part 989, Appendix B). The project is approved contingent upon completion (compliance) of the following Environmental Management measures.

NEPA/EIAP:

1. The proponent/contractor shall inform Environmental Management's EIAP Planners of all changes to the project scope and addition/inclusion of an Environmental Protection Plan. The proponent/contractor shall also provide the Statement of Work to ensure that the National Environmental Policy Act (NEPA) analysis stays current and that all environmental issues are addressed. Contact Environmental Management at 412ceg.ceva.eiapworkflow@us.af.mil for more information.

Air Quality

2. Should you have any questions or concerns about permitting requirements, please contact 412 CE/CEVC Environmental Management, Air Quality Program. For permitting requirements and mitigation measures, please contact:
   - John Vidic; tel. no. (661) 277-1457, e-mail address: john.vidic@us.af.mil
   - Nadine Bernal; tel. no. (661) 277-1913, e-mail address: nadine.bernal.1@us.af.mil
3. All vehicles hauling bulk materials or debris must be adequately sealed, (tailgate closed with no gaps), covered with a tarp, and leave a freeboard of 6 inches when transporting material a distance of 12 feet or greater. *(EKAPCD Rule 402.IV.A.3,C.3 & 402.V.B; MDAQMD Rule 403.C.6 & C.8.e; & AVAQMD Rule 403.C.5,6)*

4. Use enclosed chutes or conveyors and limit bulk material carrying distance to not more than 12 feet. Add water spraying equipment or other dust suppressant to keep material damp during transport. *(EKAPCD Rule 402.IV.A.3,C.3 & 402.V.B; MDAQMD Rule 403.C.8.c,l; & AVAQMD Rule 403.C.6)*

5. All portable engines (emergency generators, start carts, air/power carts, etc.) with a rating of 50 brake horsepower and greater must either have an air quality permit, be registered under the California Air Resources Board (CARB) Statewide Portable Equipment Registration Program (PERP), or, if DoD owned, must be listed under the DoD Tactical Support Equipment (TSE) permit. Information must be provided to Environmental Management describing the make, model, serial number, capacity, horsepower, electrical rating, and other appropriate parameters of the engine. *(13 CCR 2450; 17 CCR 93116; EKAPCD Rule 202.I.D; MDAQMD Rule 219.E.1.d; AVAQMD Rule 219.E.2.f & 2100)*

6. All portable engines and off-road vehicles must be certified to the appropriate EPA Tier rating and CARB Executive Order emission standards. All new portable engines (including off-road equipment) must meet Tier IV emissions rating, except TSE may use a lower Tier rating not lower than Tier 2. In-use portable engines may be certified to lower Tier emissions standards provided documentation of existing air permits or CARB registration demonstrate the engine meets the

appropriate Tier standard for the year placed in service. *(40 CFR 89 & 94 & 1039 & 1042; 13 CCR Chapter 2400-2450; 17 CCR 93116 EKAPCD Rule 202.I.D; MDAQMD Rule 219.E.1.d; AVAQMD Rule 219.E.2.f & 2100)*

7. Owners and/ or operators of in-use off-road diesel, gasoline, liquefied petroleum gas (LPG), and other alternate fuels vehicles rated 25 horsepower (hp) or greater (i.e. loaders, crawlers tractors, skid steers, backhoes, forklifts, etc.) must meet current emission standards and fleet requirements pursuant to California Air Resources Board (CARB) regulations. The equipment must be registered under the Diesel Off-road Online Reporting System (DOORS) or maintain a local permit. New equipment must be certified to an equivalent of Tier 3 or higher emission standard. *(13 CCR Chapter 2430a.1 & 2449.b.1, d.6.C; EKAPCD Rule 202.I.D; MDAQMD Rule 219.E.1.d; AVAQMD Rule 219.E.2. f & 2100)*

8. Only use gasoline, diesel, or alternative fuels that meet California Air Resources Board (CARB) certification specifications for ultra-low sulfur content and aromatic hydrocarbon content requirements. *(13 CCR 2281-2285; 17 CCR 93114)*

9. CARB Fleet requirements for in-use off road equipment rated 25 hp or greater (construction equipment) and on-road diesel fueled vehicles with a gross vehicle weight greater than 10,000 pounds (semis, trucks, buses) limit idling to no more than 5 minutes when not actively in use. A vehicle may be allowed to idle for longer periods provided idling is necessary for safe operation of the vehicle or safety of the vehicle operator (emergency vehicles, air conditioning during excessive heat warnings, heating when temperature is below freezing) and other allowable idling cases as described in CARB advisory 377. *(13 CCR Chapter 2449.b.1, d.2 & 2480 & 2485; CARB Advisory 377)*

10. For any portable engine or off-road vehicle used by a contractor, rental agency, or other party registered with CARB, the proponent/contractor shall be responsible for maintaining PERP/TSE/DOORS registration and notifying the Air Pollution Control District of any generators *(EKAPCD, MDAQMD, or AVAQMD) brought on Edwards AFB, if required. (13 CCR 2450; 17 CCR 93116; EKAPCD Rule 202.I.D; MDAQMD Rule 219.E.1.d; AVAQMD Rule 2100)*

11. Proposed projects that use coatings, adhesives, lubricants, cleaners or solvents must comply with volatile organic compound (VOC) content and Hazardous Air Pollutant (HAP) limitations at levels ranging between 0 to 730 grams/liter, depending upon the application and regulating authority. Coatings used in construction activities must comply with Architectural Coating Rules and Organic Solvent Rules. Coatings used in manufacturing or industrial applications may require a permit to operate while others may qualify as an exemption. Contact Environmental Management for additional guidance. *(40 CFR 59 & 60.390, 60.740, 63.741, 63.460, 63.480, 63.530, 63.741, 63.820, 63.3080, 63.3880, 63.4480, 63.4680, 63.5780; 17 CCR 93101-103, 93111-93112, 94500-94700; EKAPCD Rule 410, 410-1A, 410-2, 410-3, 410-4, 410-4A, 410-5, 410-7, 410-8 ,410-9, & 432; MDAQMD Rule 442, 443, 1104, 1106, 1113, 1114, 1115, 1116, 1117, 1118, & 1162, 1168; AVAQMD Rule 442, 443, 481, 1104, 1106-1, 1107, 1108, 1108-1, 1113, 1122, 1124, 1130, 1136, 1141-1, 1145, 1151, 1151-1, 1162, 1168, & 1171)*

12. Common household and automotive products must comply with VOC and HAP content regulated under the CARB Consumer Products Rule regardless of exemption granted through the Hazmart Pharmacy. Compliance with CARB coatings, solvents, and consumer product rules can be

achieved by using products manufactured for sale in California. Base personnel shall report all chemicals/materials they procure for this project by any means other than the Hazmat Pharmacy to Environmental Management in order to determine if a permit to operate may be required. *(40 CFR 59; 17 CCR 94500-94700; EKAPCD Rule 202.II.I; MDAQMD Rule 219.E.13; AVAQMD Rule 219.E.12)*

13. The use of abrasive blasting, sanding, rock crushing, cement batching, woodworking, metalworking or coating spray equipment may require a permit to operate depending on hours of use and the method of application. Additionally, reasonable control measures such as using only approved materials or particulate matter collection apparatus may be required for operation. Provide equipment specifications to Environmental Management for additional guidance on permit applicability. *(13 CCR 2457, 17 CCR 92000; EKAPCD Rule 202.II.I,J,LM & 404.1 & 405; MDAQMD Rule 219.E & 220 & 404 & 405; AVAQMD Rule 219.E & 404 & 405 &1140)*

14. Contractors are responsible for obtaining all required permits and registrations prior to bringing any equipment/vehicles on Base. Emissions from permitted devices and activities must be tracked and reported to the California Air Resources Board (CARB), local air quality district and the U.S. EPA. Air quality permits, if required, shall be coordinated through the lead agency for air quality permitting and Environmental Management. Records of permits, CARB registrations, and required monitoring must be forwarded to Environmental Management upon request. *(40 CFR 70 & 71; 13 CCR 2450; EKAPCD Rule 201; MDAQMD Rule 201-203; AVAQMD Rule 201-203).*

15. The project is to be accomplished for the 412 EWG for RPR Upgrade Building 1020 Freight & Passenger Elevator. The work to be accomplished includes but is not limited to the following: Interior Construction, Interior Finishes, Electrical Systems, Equipment, Furnishings, Selective Demolition, and General Requirements.

16. Portable power equipment are included. Project must ensure compliance is met by using CARB registered portable equipment.

17. Paint and other coatings must comply with EKAPCD Organic Solvent Rules 410, 410-2, Architectural Coating Rule 410-1A.

18. Equipment specifications and current CARB registration or permits for construction equipment, abrasive blasting, sanders, rock crushers and the like must be provided to Air Quality within Environmental Management prior to operation.

Toxic Substances/Asbestos/Lead/Mercury/PCBs

19. All untested building materials, except unpainted wood, metal and glass, regardless of age, are assumed to contain asbestos until testing has proven otherwise.

20. All paint, regardless of age, is assumed to contain lead for OSHA purposes, until testing has proven otherwise.

21. *National Emission Standards for Hazardous Air Pollutants (NESHAP) Notification* is required by regulation to be submitted to the Eastern Kern Air Pollution Control District (EKAPCD) for ALL DEMOLITIONS and for ANY PROJECT (demolition or renovation) disturbing regulated

asbestos containing material (RACM) above the EKAPCD de minimis amounts. Per the Edwards AFB Asbestos Management Plan (AMP), courtesy notification is required for any project that disturbs any asbestos, even below de minimis amounts. All asbestos notifications are required to be submitted to through the Contracting Officer or Air Force project manager to the 412 CES/CEOER (Asbestos and Lead Operations Officer) and 412 CEG/CEV (Environmental Management, Toxic Substances) for review and approval five working days prior to submission of the notification to EKAPCD; revision shall be submitted for approval before the revised work commences.

22. This project has the potential to encounter or disturb asbestos-containing material (ACM) and/or lead paint. Contact the 412 CES/CEOER (Asbestos and Lead Operations Officer) at (661) 277-4475 for survey data and potential survey requirements. If additional information is still required regarding Edwards AFB rules and regulations, contact 412 CEG/CEV (Environmental Management, Toxic Substances) at (661) 277-1468.

23. Asbestos (and lead) material survey(s) and inspection(s) require a thorough and detailed sampling plan to be developed in accordance with the Edwards AFB Asbestos Operating Plan (AOP), and submitted through the Air Force project manager to the 412 CES/CEOER (Asbestos and Lead Operations Officer), 412 CEG/CEV (Environmental Management, Toxic Substances), and 412 OMRS/SGPB (Bioenvironmental Engineering) for review and acceptance. For questions regarding the sampling plan contact the 412 CES/CEOER (Asbestos and Lead Operations Officer) at (661) 277-4475.

24. Prior to being accepted as final to ensure all applicable rules and regulations are met (typically AOP, project specifications, 40 CFR Part 61, Federal and California OSHA, HUD Guidelines, etc); all asbestos and/or lead survey inspection reports shall be submitted through the Air Force project manager to the 412 CES/CEOER (Asbestos and Lead Operations Officer), 412 CEG/CEV (Environmental Management, Toxic Substances), and 412 OMRS/SGPB (Bioenvironmental Engineering) for review and approval.

25. Areas that will be disturbed by the proposed project activities contract the 412 CES/CEOER (Asbestos and Lead Operations Officer) at (661) 277-4475 for asbestos-containing materials (ACM)/lead-based paint (LBP) survey information. The Asbestos and Lead Operations Officer will advise if existing survey information is adequate or if additional sampling is required in order to determine if ACM/LBP is present in areas to be disturbed.

26. If asbestos or lead is detected in areas that will be disturbed, contact the 412 CES/CEOER (Asbestos and Lead Operations Officer) at (661) 277-4475 for direction regarding asbestos and/or lead removal and disposal requirements, and work plan submittal requirements. For questions regarding rules and regulations contact 412 CEG/CEV (Environmental Management, Toxic Substances) at (661) 277-1468 or 277-1867.

27. Asbestos and/or lead related project work plans, survey/inspections, and/or specification and design packages shall be submitted in accordance with the Edwards AFB Asbestos and/or Lead Management Plans, through the Contracting Officer or the Air Force Project Manager to the 412 CES/CEOER (Asbestos and Lead Operations Officer), 412 CEG/CEV (Environmental Management, Toxic Substances), and 412 OMRS/SGPB (Bioenvironmental Engineering) for review and comment (or approval as applicable) to determine if all applicable rules and regulatory

requirements have been followed. Asbestos and lead work plans shall be authored and signed by a Certified Asbestos Consultant (CAC), certified by the California Division of Occupational Safety and Health, site specific, and submitted separately per the Edwards AFB Asbestos and Lead Specifications.

28. No materials that contain asbestos or lead above the allowed Consumer Product Safety Commission limit shall be used in new construction. Ensure that the specifications and contracts for services indicate that no asbestos and/or lead materials will be used at Edwards AFB unless specified by a Technical Order of other documentation, and have the contractor sign a document stating that no asbestos and/or lead materials have been used.

29. The installation will not specify, purchase, use, or approve for use any asbestos and/or paint (or other materials) containing lead above 0.009 percent by weight as specified by the Consumer Product Safety Commission.

30. Transite utility lines, if encountered, must be removed appropriately by trained workers.

31. All spills or releases of hazardous materials or hazardous wastes that occur during this project, regardless of quantity or location of spill, must be reported immediately to 412 CEG/CEV at (661) 277-1885.

32. Mercury can be found in high-intensity discharge (HID) lamps, fluorescent lamps, mercury vapor lamps, switches, thermostats, etc. The introduction of mercury-containing materials on Edwards AFB should be minimized when possible and substituted with more environmentally friendly products. Mercury-containing materials are managed as hazardous and universal wastes. For information on the proper packaging, storage, and shipping of universal wastes, contact 412 CEG/CEVC's Consolidation, Recycling, and Universal Waste (CRUW) Facility at (661) 277-3681 or 412 CEG/CEVC at (661) 277-1885.

33. Mercury can be found in some types of flooring and must be managed as a hazardous or universal waste. Contact 412 CEG/CEVC's Consolidation, Recycling, and Universal Waste (CRUW) Facility at (661) 277-3681 or 412 CEG/CEVC at 277-1885 for instructions on the classification and management of these wastes.

34. All types of batteries and unpunctured aerosol cans must be managed as universal waste. For information on the proper packaging, storage, and shipping of universal wastes, contact 412 CEG/CEVC's Consolidation, Recycling, and Universal Waste (CRUW) Facility at (661) 277-3681 or 412 CEG/CEVC at 277-1885.

Hazardous Materials/Hazardous Waste:

35. The Proponent/Contractor shall ensure all hazardous materials (HM) are authorized and managed in compliance with FAR Clause 52.223-3, Hazardous Material Identification and Material Safety Data, FAR Clause 52.223-5, Pollution Prevention and Right-to-Know Information and applicable sections of Air Force Manual 32-7002, Environmental Compliance and Pollution Prevention, and Edwards Air Force Base (AFB) HM policy, to ensure compliance with Emergency Planning and Community Right-to-Know Act of 1986 (42 U.S.C. 11001-11050), and Pollution Prevention Act of 1990 (42 U.S.C. 13101-13109).

    - For all chemicals/materials (paints, adhesives, solvents, lubricants, cleaners, etc.) procured for this project by any means other than an installation HAZMART, the Proponent/Contractor shall provide the following to the Contracting Officer Representative (COR), at least 45 days prior to the start of the project:

    - Completed Contractor Hazardous Materials Usage Tracking Form
    - Current Safety Data Sheets

- The Proponent/Contractor shall continue to provide material usage updates to the COR by the 5th of each month until the term of contract. The COR will forward all contractor provided information to the 412CEG/CEVC HM Program Manager. For guidance regarding tracking of HM, usage and regulatory requirements, or questions regarding completing this form, contact the Edwards AFB Environmental Management Office at (661) 277-1401, or email 412CEG.CEVC.HMWorkflow@us.af.mil . For questions concerning projects at AFRL, call (661) 277-5135.

36. The proponent/contractor shall ensure that all solid and hazardous waste management on this project complies with all applicable sections of AFMAN 32-7002, and the Edwards Air Force Base Hazardous Waste Management Plan (HWMP) and Integrated Solid Waste Management Plan, the California Health and Safety Code (HSC), Title 22 California Code of Regulations (CCR), and Title 40 Code of Federal Regulations (CFR).

- Hazardous/regulated waste shall be disposed of under the Edwards AFB, US Environmental Protection Agency (EPA) ID number, with Edwards AFB as the Generator, unless the Proponent/Contractor is considered "other persons" under the Resource Conservation and Recovery Act (RCRA) and operates their HW activities independent of Edwards AFB using their own US EPA ID number.
- Signed HW disposal manifests shall be required for HW that may be generated on this project prior to transportation for off-site disposal to a California Department of Toxic Substance Control (DTSC) and/or US EPA-approved landfill or treatment facility. The Proponent/Contractor shall submit draft manifests via email to the Edwards AFB Environmental Management Office at 412CEG.CEVC.HWWorkflow@us.af.mil for review. After the draft manifests have been approved, the waste shipment must be scheduled with the Environmental Office to arrange for manifest signature by government personnel with Signature Authority. Contact the Hazardous Waste Support Facility (HWSF) personnel at (661) 277-3681, the 412CEG/CEVC HW Program Manager at (661) 277-1885, or email 412CEG.CEVC.HWWorkflow@us.af.mil for questions or additional information.

Solid Waste:

37. The proponent/contractor shall ensure that all solid waste management on the proposed project complies with all applicable sections of AFMAN 32-7002 Environmental Compliance and Pollution Prevention, and the Edwards Air Force Base Integrated Solid Waste Management Plan (ISWMP), including AFMAN 32-7002 6.6.3.5. "Installations or organizational proponents with contracted activities that generate waste must ensure that, to the extent required by law (as outlined in DoDI 4715.23), provisions are included in the contract to obligate the contractor to participate in the installation's program (whether QRP or otherwise) for recyclable wastes generated on the installation, where applicable. (T-0)." Contact 412 CEG/CEVC at (661)-277-1909 or (661) 277-1411 for questions and guidance.

- In accordance with AFMAN 32-7002, 6.3, the proponent/contractor shall provide copies of all "weight certificates, shipping receipts, financial statements, and all other related documentation from SW generating contractors" to the Base Civil Engineer, and the ISWM PM.

38. The Base's Qualified Recycling Program (QRP) must have first right of refusal for all scrap metal. Contact Mr. Mike Ferola 412 CEG/CEO at (661) 277-1167 or 412 CEG/CEVC at 277-1411 for information. Mr. Ferola is the QRP Contractor (mike@jtccorp.com).

39. The customer shall handle, store, and manage its solid wastes in a manner consistent with the Base's procedures including transfer of all solid waste generated to an off-base state licensed landfill. Use of the EAFB Main Base Active Landfill is only allowed when it is specified in the contract. Contact 412 CEG/CEO at (661) 277-1167 or 412 CEG/CEVC at (661) 277-1411 for information on segregation requirements for recyclables and for solid waste disposal.

40. The Contractor shall strive to recycle as much cardboard, paper, plastic, wood, and metal as possible through the Base's Qualified Recycling Program (QRP), and shall develop a strict recycling, trash, litter and FOD control program. The recycling and litter control program shall consist of supplying an adequate number of covered recycling, trash and litter receptacles in all appropriate locations. The QRP may be able to provide limited additional recycling containers and bins as required (call (661) 277-1167 for coordination). The contractor will be responsible to remove all debris as a result of the contract activity.

41. The proponent/contractor shall maintain records on all non-hazardous waste and recycling generated as a result of any activities associated with the project. Records will specify: total tonnages of solid waste disposed; solid waste diverted/recycled; construction and demolition (C&D) waste disposed (including concrete and asphalt); C&D waste diverted/recycled (including concrete and asphalt); scrap metal recycled; and equipment reused, sold, or donated by nomenclature and quantity. Total disposal costs, and recycling proceeds and costs (to include equipment sales) shall also be reported to 412 CEG/CEV on a quarterly basis or at the end of the project for those lasting less than one quarter. Contact 412 CEG/CEO at (661) 277-1167 or 412 CEG/CEVC at 277-1411 for information.

42. The proponent/contractor shall remove all hazardous materials from scrap metal and other materials being recycled prior to releasing or delivering the materials to the Base Qualified Recycling Program. Contact 412 CEG/CEO at (661) 277-1167 for additional information on material recycling.

Natural Resources:

43. The following measures follow the terms and conditions for the U.S. Fish and Wildlife Service Biological Opinion for: Operations and Activities Edwards Air Force Base, California (8-8-14-F-14) regarding the effects on the federally threatened desert tortoise and its critical habitat. Contact 412 CEG/CEVA at 661-277-1417 or 412ceg.ceva.nrfieldsurveys@us.af.mil if any questions arise regarding these measures.

    - The *Desert Tortoise Handout* (DT Handout 412 TWPA Release #18150 20180316) shall be distributed to vehicle and equipment drivers accessing the project area. All workers should review the handout. If possible, the handout should also be posted at the project site.
    - Project personnel shall look out for and avoid all desert tortoises on any roadways used to access the project area. All project personnel shall inspect under all vehicles and equipment for desert tortoises prior to operation. Any sightings of desert tortoise must be reported immediately to 412 CEG/CEVA at (661) 277-1417.
    - All trash and food items will be disposed of in common raven-proof containers, and regularly removed from project sites to reduce attraction of common ravens.
    - Parking and staging areas will be restricted to previously disturbed areas.

44. Contact 412 CEG/CEVA at (661) 277-1417 if an active bird nest (nest with eggs, unfledged birds, or adult birds observed in the nest) or burrowing owl burrow is found within the project area and cannot be avoided.

45. Contact 412 CEG/CEVA at (661) 277-1417 if bats are observed roosting in the project area.

Cultural Resources

46. The proposed project, *Replace Existing Personnel Elevator - B1020*, is an undertaking subject to Section 106 of the National Historic Preservation Act (NHPA), as defined in 36 CFR §800.16(y). The Edwards AFB Cultural Resources Manager (CRM), or qualified personnel under the direction or supervision of the CRM, has reviewed the proposed undertaking and determined that the project will have no effect on historic properties, provided the following measures are strictly adhered to:

    - Building 1020 was constructed in 1982 and has not been evaluated for inclusion in the National Register of Historic Places as it does not meet the 50-year age requirement for consideration under the standard National Register Criteria for Evaluation.
    - Consultation is not required for renovating the interior of the elevator based on Appendix A of the Advisory Council on Historic Preservation (ACHP) "Program Comment on Certain Housing, Building, and Transportation Undertakings."

47. If inadvertent above- or below-ground discoveries (e.g., artifacts or bones) are made during the project's execution:

    The Contractor shall:

    - Immediately cease activity in the area of the discovery.
    - Notify the supervising Project Manager.
    - Secure the discovery location and establish a 50-foot buffer zone around the discovery.

    The Project Manager shall:

    - Immediately notify the CRM of the discovery at 412CEG.CEVA.CulturalResources@us.af.mil.
    - Confirm that the activity has ceased within 50 feet of the discovery.
    - Examine the location of the discovery to ensure that it has been properly secured--take appropriate measures to further secure the location, if needed.
    - Await review by CRM before returning to work in the area of discovery.

48. If the undertaking is modified subsequent to this review, the proponent shall coordinate with Cultural Resources to ensure compliance with Section 106 of the NHPA, as amended. Coordination can be accomplished by contacting 412 CEG/CEVA at 412CEG.CEVA.CulturalResources@us.af.mil.

49. Based upon the information provided, there is no requirement to consult with the California State Historic Preservation Officer.

General Environmental Division Contact:

50. In the event you are unable to contact an environmental person at one of the numbers above, please call (661) 277-1401.

Attachment 4: Cultural Resource Awareness Training

Edwards Air Force Base

Cultural Resources Awareness Training

A Cultural resources can be defined as physical evidence or place of past human activity: site, object, landscape, structure; or a site, structure, landscape, object or natural feature of significance to a group of people traditionally associated with it (https://www.nps.gov/acad/learn/management/rm_culturalresources.htm)

At EAFB cultural resources include historic-era resources (typically more than 50 years old), military resources (related to the historic and modern military use of the area), and American Indian resources (generally called ***Prehistoric*** resources). Some of these resources as much as 12,000 years old

It is our goal to protect these resources because once they are gone we cannot ever get them back.

LAWS

Archaeological Resources Protection Act
American Antiquities Act
Native American Graves Protection and Repatriation Act
Air Force Instruction 32-7065
National Historic Preservation Act, Sections 106 and 110
Native American Graves Protection and Repatriation Act

- If you did not drop it, do not pick it up
- If it is not yours, leave it alone
- The Environmental Management Group works closely with security to enforce Cultural Resources protection, including cameras near archaeological sites.

Attachment 5: Desert Tortoise Pamphlet

Desert Tortoise
(*Gopherus agassizii*)

- Federally protected as Threatened by the Endangered Species Act.
- Official state reptile of California! Soft scaly body with a hard shell. Could be green, grey, tan, or brown. Only 1.5 inches in diameter after hatching, but up to 1 foot in diameter as adult.
- Desert Tortoise protection at Edwards AFB is mandated by the U.S. Fish and Wildlife Service Biological Opinion: "Operations and Activities at Edwards Air Force Base, California" (8-8-14-F-14).
- Unauthorized collection, handling or harassment can be prosecuted: Fines up to $50,000 and/or 1 year imprisonment.
- Often looks like a moving rock and hard to spot!
- Spends over 90% of its life underground in burrows.
- Most active in Spring and Fall but possible to see all year-round especially after a rain.
- Attracted to water. Often seen where puddling occurs during or after a rain (like road shoulders).
- Found throughout the Mojave and parts of the Sonoran Desert.

If tortoise found in immediate danger (on the road), and it is safe to do so, please move it:

Approach slowly from the front

Carefully lift tortoise by the sides with 2 hands and keep level

Move tortoise at least 100 feet away, in the shade, in the same direction it was going.

Call
412 CEG/CEVA
661-277-1417
661-277-1401

How you can protect the Desert Tortoise

- Do not handle a tortoise unless it is on the road and in immediate danger.
- If a tortoise is on the road in immediate danger, you may move the tortoise off the road.
- Check under parked vehicles and equipment before moving or operating.
- Keep vehicles and equipment on existing or approved roads and staging areas.
- If tortoise is sighted in project area, call 412 CEG/CEVA. Observe from a distance.
- Do not attract ravens. Ravens are a major predator of the Desert Tortoise. Keep trash in raven-proof containers. Make sure lids are tightly closed. Do not feed the wildlife!
- Ensure water tanks and trucks are free of water leaks that might attract predators.

DT Handout 412 TW/PA Release #18150 20180316