

Sol. No. W50S8Y22B5000  
Date Due: 06-July-2022

Submission details: Mark the front of the envelope with the following: "BID No. W50S8Y-22-B-5000", and the Name and Address of Bidder. See Block 13A of SF 1442 for required number of copies.

Joint Venture Requirements - Parties wishing to propose as a joint venture must submit, with the Pro Forma documents, an executed copy of the joint venture agreement. The joint venture agreement shall be executed in accordance with FAR 4.102(d). Each joint venture partner shall submit evidence satisfactory to the Contracting Officer that its Board of Directors has approved its participation in the joint venture or by an instrument of similarly binding character in the case of an unincorporated entity. Offerors are reminded that to obtain an award the awardee, to include a joint venture, must be registered in the System for Award Management (SAM) database. Applicable to set-aside solicitations: Joint Ventures must meet applicable size standards (See FAR Subpart 19.1). Submit with the proposal any size determination for the Joint Venture entity received from the Small Business Administration. A Joint Venture where-in one party is not a small business may be referred to the Small Business Administration ( IAW FAR 19.302 (b)) to determine eligibility. All questions regarding Joint Ventures must be directed to the Small Business Administration (SBA) and not the Contracting Officer.

Item 0001

Project No: TQKD 13-2013 Building 255  
FFP

Repair Maintenance Shops Hangar, Building 255 Project Number: TQKD132013

Base Bid

FOB: Destination

MFR PART NR: Z1BZ

PSC CD: Z1BZ

Quantity 1 | Unit Job | Unit price | Amount

Item 0002

COMM & IT FOR TQKD 13-2013 BLDG 255

FFP

Repair Maintenance Shops Hangar, Building 255, Comm & IT work IAW project specifications and drawings.

Project Number: TQKD132013

Base Bid

FOB: Destination

MFR PART NR: Z1BZ

PSC CD: Z1BZ

Quantity 1 | Unit Job | Unit price | Amount

Delivery

CLIN 0001

720 dys. ANP

142 CES/CE - CIVIL ENGINEERING JOSH DILL

6801 NE CORNFOOT RD PORTLAND OR 97218-2797 503-335-4461

FOB: Destination

CLIN 0002

720 dys. ANP

142 CES/CE - CIVIL ENGINEERING JOSH DILL

6801 NE CORNFOOT RD PORTLAND OR 97218-2797 503-335-4461

FOB: Destination

1. DESCRIPTION OF THE PROJECT: The Oregon Air National Guard at Portland Air National Guard Base requires services, non-personal, to provide all plant, labor, transportation, materials, tools, equipment, appliances and supervision necessary to perform and complete repairs to the Maintenance Hangar and Shops (B255) at Portland ANG, OR. The work will include the seismic upgrades, HVAC system replacement, aircraft fire suppression upgrade, roof repair, and interior reconfiguration so that the building can properly serve the Wing's fighter aircraft mission. Micro-piles, grade beams, and additional support to the superstructure will be installed to reduce the risk of progressive collapse. The flat portion of the roof shall receive a new built up roof system and the metal panels will be replaced as needed. The HVAC system shall be upgraded to meet the current user needs. The existing AFFF aircraft fire suppression system will be demolished and replaced with a new fire suppression system. Interior Spaces will be modified and upgraded to meet current user requirements. The current restrooms are outdated and are in need of an upgrade.

2. INSTRUCTIONS TO BIDDERS: 2.1. You are invited to submit a bid in response to our Invitation for Bids (IFB) entitled W50S8Y-22-B-5000 entitled Repair Maintenance Shops Hangar, Building 255, Project Number TQKC13-2013, at the Portland Air National Guard Base, Portland, Oregon. 2.2. As a result of this solicitation, the Government intends to award a Firm Fixed Price (FFP) contract resulting from this solicitation to the responsible bidder whose bid, conforming to the invitation for bids, will be most advantageous to the Government, considering only price. 2.3. This solicitation is set-aside 100% for 8(a) contractors.

4. NOTICE OF PRE-BID CONFERENCE AND SITE VISIT: 4.1. A pre-bid conference will be conducted on **Friday, 03 June 2022**, at 09:00 am Pacific, for the purposes of briefing on the bid requirements and answering questions regarding this solicitation. This conference will be held at the Portland Air National Guard Base, 6801 NE Cornfoot Rd, Building 140 CE Classroom, Portland, Oregon. Interested Contractors are highly encouraged to attend the pre-bid conference. The site visit will be held following the conference. 4.2. Due to security conditions, all offerors must register to attend this conference and site visit. Download the attachment "PANG Request Access Form", complete for all attendees, and email to 142.WG.SFS.VendorPass@us.af.mil and CC

the following addresses: benjamin.scott.18@us.af.mil | samantha.palacios@us.af.mil | clifford.berry.1@us.af.mil | Location of Visit: Report to B140 CE Classroom for Pre-Bid Conference Point of Contact: Lt Samantha Palacios, 503-335-5316 | 4.3. This information must be provided in advance, a minimum of 3 business days prior to the meeting, in order to ensure access to the military base and conference site and ensure adequate seating for the conference attendees. Even if you have access to the base you must register to ensure adequate seating. The furnishing of the above information is voluntary; however, your failure to furnish all or part of the requested information may result in the Government's denial of your access to the pre-proposal conference. This information will be provided to the Base Security Forces who will authorize your entrance to the site.

4.4. You will be required to present the following information upon arrival: (1) Vehicle Registration, (2) Valid Drivers License, (3) Proof of Insurance for Vehicle, (4) Safety Inspection and Car Rental agreement if applicable. Any of the above information furnished by you is protected under the Privacy Act and shall not be released unless permitted by law and/or you have consented to such. | 4.5. Information provided at this conference or site visit shall not qualify the terms and conditions of the solicitation and specifications. Terms of the solicitation and specifications remain unchanged unless the solicitation is amended in writing. If an amendment is issued, normal procedures relating to the acknowledgment and receipt of solicitation amendments shall apply. | 4.6. A record of the conference shall be made and furnished to all prospective bidders via posting at [www.SAM.gov](http://www.SAM.gov). The record will include minutes of the meeting, including questions (on a non-attribution basis) and answers.

52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) | (a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed. | (b) Site visit has been arranged, see Section 00 100 of the Solicitation. Questions may be submitted by contacting: Name: MSgt Ben Scott or Lt Samantha Palacios | Email: benjamin.scott.18@us.af.mil ; samantha.palacios@us.af.mil (End of provision)

## 5. FORMAL COMMUNICATION, OFFEROR EXPLANATIONS:

5.1. Submit all questions in the format shown below by email to the contracting office at the addresses show below. Do NOT contact AE or Engineering personnel directly. Doing so will only delay your answer. All questions must come through the Contracting Office. Subject Line: Reference No. SOLICITATION W50S8Y-22-B-5000 Email:

benjamin.scott.18@us.af.mil; phillip.l.chik2.civ@army.mil

### PRE-BID INQUIRY FORMAT

Date of Bid Inquiry: From:

Company Name: Address:

Phone Number: Email address:

Bid Inquiry: (Please clearly state your question) (If sent via an attachment word docs are preferred to facilitate posting of answers to the master Q&A document.) [Number them as] 1. 2. 3. 4.

5.2. Any explanation desired by an offeror regarding the meaning or interpretation of the

solicitation, or proposals, drawings, specifications, etc. must be requested in writing and with sufficient time allowed for a reply to reach bidders before the submission of their bid.

5.3. All questions and requests for information (RFI) must be received NOT LATER THAN the tenth working day prior to bid opening. OFFERORS ARE STRONGLY ENCOURAGED TO SUBMIT QUESTIONS EARLY IN THIS PROCESS.

#### 6. BID REPOSITORY AND BID OPENING:

6.1. A bid repository is provided for hand carried bids and is located at Portland Air National Guard Base, 6801 NE Cornfoot Rd, Portland, Oregon 97218, Building 140, Contracting Office. Hand carried bids must be deposited in the repository prior to the time established for opening of bids. Bidders are cautioned that they will be required to pass through security to enter the facility and should allow time to accomplish this. See instructions for obtaining access to the base in the Site Visit instructions. Follow the same instructions for obtaining entry to hand carry bid. Late receipt of bids due to entry delays may not be deemed excusable and the Contracting Officer may declare the bid "late" in accordance with FAR 14.304.

6.2. The bid opening will occur at the time and date specified in Block 13 of the SF1442 at 6801 NE Cornfoot Rd, Portland, Oregon 97218, Building 140 CE Classroom. All interested offerors and their major subcontractors are encouraged to attend the bid opening.

7. WAGE DETERMINATION: 7.1. Construction Wage Rates are applicable to this project are OR20220029 rev 4 dated 04/15/2022 as shown in Section 00800.

11. OFFERORS QUALIFICATIONS: To establish its responsibility, the apparent low bidder may be requested by the Government prior to award, to submit a statement regarding his previous experience in performing comparable work, his business and technical organization, financial and bonding resources and plant available to be used in performing the work. This action may be requested to determine if the contractor is responsible. 12. List of Brand Name or Sole Source Justifications posted on SAM.gov | 12.1. Automated Logic Direct Digital HVAC Control System | 12.2. Monaco Fire Alarm System

52.228-1 BID GUARANTEE (SEP 1996) | (a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid. | (b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Contracting Officer will return bid guarantees, other than bid bonds, (1) to unsuccessful bidders as soon as practicable after the opening of bids, and (2) to the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.

(c) The amount of the bid guarantee shall be 20 percent of the bid price or \$3 Million, whichever is less.-

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Contracting Officer may terminate the contract for default.-

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(End of provision)

1. INSURANCE - MINIMUM AMOUNTS I 1.1 Reference Contract Clause titled, "Insurance - Work on a Government Installation (FAR 52.228-5). Types and minimum amounts are as follows:

TYPE

Workmen's Compensation Comprehensive General Liability Comprehensive Automobile Liability

(If applicable)

Aircraft Public and Passenger Liability

AMOUNTS

\$100,000 (see paragraph 1.2, below)

\$500,000 per occurrence for bodily injury

\$200,000 per person and \$500,000 per accident for bodily injury and \$20,000 for property damage

\$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger

liability and \$200,000 per occurrence for property damage; coverage for passenger

liability bodily injury shall be at least \$200,000 multiplied by the number of seats \$200,000 multiplied by the number of seats or passengers, whichever is greater

1.2. Except in states with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

1.3. NOTE: Before commencing work under this contract, the Contractor shall certify to the Contracting Officer, in writing, that the required insurance has been obtained. The policies referenced in the certification (s) shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the state in which this contract is to be performed prescribe or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer. The Contractor shall maintain a copy of proofs of required insurance, and shall make copies available to the Contracting Officer upon request. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

3. SCHEDULING

3.1. Normal base work hours for the Contractor will be between the hours of 7:00 AM through 4:30 PM, excluding Saturdays, Sundays, and Federal Holidays. If the Contractor desires to work during periods other than above, he must notify the Contracting Officer's Representative (COR) five (5) working days in advance of his

intention to work during other periods to allow assignment of additional inspection forces. When the COR determines that they are reasonably available, he may authorize the Contractor to perform work during periods other than normal duty hours/days. However, if inspectors are required to perform in excess of their normal duty hours/days solely for the benefit of the Contractor, the actual cost of the inspection, at overtime rates, will be charged to the Contractor and will be deducted from the final payment of the Contract amount.

3.2. The following Federal legal Holidays are observed by this base:

New Year's Day

Martin Luther King's Birthday President's Day

Memorial Day

Juneteenth

Independence Day

Labor Day

Columbus Day

Veteran's Day

Thanksgiving Day

Christmas Day

1 January

Third Monday of January Third Monday of February Last Monday of May

19 June

4 July

First Monday in September Second Monday in October 11 November

Fourth Thursday in November 25 December

3.3. NOTE: Any of the above holidays falling on a Saturday will be observed the preceding Friday; holidays falling on a Sunday will be observed on the following Monday.

3.4. Prior to commencing work on the job initially, resumption of work after prolonged interruption (7 calendar days or more), commencement of any warranty work, and upon completion of warranty work, the contractor must notify the Contracting Officer (or the Contracting Officer's Representative). When relocating to new sites, returning to sites for follow-up work on a phased work plan, notification to the Contracting Officer's Representative is sufficient. Notification should be by personal contact; however, advance notification may be by telephone, or in writing, and should be accomplished sufficiently in advance to allow scheduling of inspection forces. The purpose of the above precautions is to ensure construction inspection and recording of work proceedings.

3.5. The organization of the specifications into divisions, sections, and articles, and the arrangement of the drawings shall not control the Contractor in dividing the work among subcontractors or in establishing the extent of the work to be performed by any trade.

## 9. PREPARATION OF MATERIAL APPROVAL SUBMITTALS

The contractor shall submit all materials and articles requiring approval, as required by the Material and Workmanship Clause, FAR 52.236-5. Submittals shall be made using AF Form 3000, or approved equal. Submittals shall be processed in accordance with the procedures in Section 01 33 00, Submittals. Submittals shall be given a distinct identification system by CLIN if multiple CLINS are applicable. Individual submittal

documents shall not be comprised of items for more than one CLIN. Address for delivery of submittals will be provided at the post award/pre-construction conference. The contractor is reminded that an individual within the company who has authority to make the certification must sign the certification on the AF Form 3000.

#### 10. WORK PROGRESS AND PREPARATION OF PROGRESS SCHEDULES AND REPORTS I

10.1. A biweekly meeting will be held with the Contractor, COR and Contracting Officer (KO), to discuss work progress, problems and potential change orders. The Contractor shall attend these meetings at no additional cost to the Government. Prior to beginning work on specific work elements of a project, the contractor shall confer with the COR and agree on a sequence of procedures and means of access to premises and buildings; space for storage of materials and equipment; delivery of materials; and use of approaches, use of corridors, stairways and similar means of passage.

10.1.1. In accordance with FAR Clause 52.236-15, "Schedules for Construction Contracts", the contractor shall within five days after work commences on the contract, or another period of time determined by the KO, prepare and submit to the KO for approval a practicable schedule showing the order in which the contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing features of work. A composite schedule for the overall contract shall also be provided. The schedule shall be on an AF Form 3064, Contract Progress Schedule, or an approved computer generated format similar to the AF Form 3064. The work shall be scheduled so that, upon the start of construction, work progresses in a continuous and diligent manner. A schedule which does not reflect steady and reasonable progress throughout the construction period will be rejected. Both the Contractor and the COR are required to provide monthly progress reports covering the period from notice to proceed through final inspection. Unless agreement cannot be made on the applicable percentage of progress a joint report will be submitted to the Contracting Officer. This reports shall be submitted on the NGB Contract Progress Report form (similar to an AF Form 3065), or an approved computer generated similar format. These reports shall track progress by CLIN, if contract contains multiple CLINs, multiple AF Form 3064 and NG Contract Progress Reports will also be required for payment purposes.

10.2. Additionally, for projects exceeding \$1M, the contractor shall provide a project plan in a commercially available network scheduling software that meets requirements of the specification to define work tasks and track progress. At least five days prior to work initiation, the contractor shall provide the Contracting Officer a e-mail file copy, of the plan that shall include definition of rescues. No work may start until the Contracting Officer approves the plan in writing.

10.3. The Contractor shall prepare a work progress schedule required for completion of each of the various divisions of work. Updated plans and Form 3064 showing work progress, unless otherwise directed by the Contracting Officer, shall be provided biweekly in conjunction with the progress meeting. If there are possible deviations from the original plan, those must be noted and approved by the Contracting Officer before work changes are implemented. The schedule shall be submitted to the Contracting Officer. Reference Contract Clause FAR 52.236-15, "Schedules for Construction Contracts". The reports contemplated by the clause herein titled "Schedules for Construction Contracts" shall be accomplished on and in accordance with instructions pertaining to AF Form 3064, "Contract Progress Schedule" and a National Guard

Contract Progress Report”.

#### 11. NOTICE OF COMPLETION OF CONSTRUCTION/PRE-FINAL AND FINAL INSPECTION

11.1. The contractor shall conduct a pre-final inspection in the presence of the Contracting Officer’s Representative (COR) prior to the date scheduled for Final Inspection. Any discrepancies noted shall be corrected prior to Final Inspection.

11.2. The contractor shall request scheduling of a final inspection in writing to the Contracting Officer at least five (5) working days prior to the desired date or as otherwise negotiated with the Contracting Officer.

11.3. Civil Engineering personnel and the Contracting Officer will perform the Final Inspection in the presence of the contractor, and any discrepancies noted shall be corrected within the time specified by the Contracting Officer.

11.4. Final Inspection shall not constitute acceptance of a project unless so stipulated by issuance of a separate acceptance notice.

11.5. The contractor is cautioned to ensure they have completed adequate Quality Control reviews prior to scheduling pre-final or final inspections. In the event the Contracting Officer finds that the project is not ready for the applicable inspection, (too many discrepancies) the contractor may be held liable for the costs of a repeat inspection. If the inspection involves A/E personnel these costs may include additional labor, travel and miscellaneous expenses.

13. CONTRACTOR STAFF AND EMPLOYEES | 13.1. Prior to commencing on-site construction, the contractor shall provide the Contracting Officer with a telephone number at which the contractor or his representative may be contacted at any time during regular working hours and an emergency number at which the contractor may be contacted in situations requiring immediate attention.

13.2. Supervision. The Government shall not exercise any supervision or control over the contractor employees performing services under this contract; such employees shall be accountable not to the Government, but solely to the contractor, who in turn is responsible to the Government.

13.3. Contractor’s Employees. All work under this contract shall be performed in a skillful and workmanlike manner. The Contracting Officer may, in writing, require the contractor to remove from the job site, any employee the Contracting Officer deems incompetent, careless or otherwise objectionable.

#### 14. CONTRACTOR OFFICE AND STORAGE

14.1. Parking of contractor vehicles shall be restricted to the contractor’s designed on-site area or the work area. The company name shall be prominently displayed on all construction vehicles parked on the job site.

14.2. Security of material storage areas on the job site shall be the responsibility of the contractor. The area shall be kept neat and orderly and free of debris.

#### 15. RECORD DRAWINGS

During construction of a project and on the job site, the contractor shall maintain a completed record of all changes and corrections from the layout shown on the drawings, if applicable. The contractor shall enter such changes and corrections on contract or record drawings promptly, and submit the “red line” drawings to the Contracting Officer



upon completion of the project. The record drawings shall indicate all changes and corrections concerning the actual locations of all sub-surface utility lines. In order for the location of these lines and appurtenances to be determined in the event the surface opening or indicators become covered or obscured, the record drawings shall show, by offset dimensions to two permanently fixed surface features, the end of the each run including each change in direction. Valves splice boxes, and similar appurtenances shall be located by dimensioning along the utility run from a reference point. The average depth below the surface of each run shall also be recorded. The Government does not guarantee the accuracy of existing record drawings; it is the contractor's responsibility to verify all as-built conditions.

#### 16. VERIFICATION OF DIMENSIONS

The contractor shall be responsible for the coordination and proper relation of all aspects of the work. He/she shall field verify all dimensions and advise the Contracting Officer of any discrepancies prior to proceeding with any phase of the work. Where exact locations are not given for the positioning of equipment and devices, they shall be positioned to permit easy access for maintenance and for removal and replacement of component parts.

17. SECURITY REQUIREMENTS | 17.1. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the Contracting Officer's Representative (COR). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the local installation's Security Forces, Director of Emergency Services or local Security Office. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, HAF and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes. U.S. Government will not be held liable for any delays or breach of contract caused by refusal of the Security Forces to allow entry.

17.2. It is expected that new security requirements to satisfy contractor personal identification requirements in Homeland Security Presidential Directive (HSPD-12), "Policy for a Common Identification Standard for Federal Employees and Contractors," and Federal Information Processing Standards Publication (FIPS PUB) Number 201, "Personal Identity Verification (PIV) of Federal Employees and Contractors" are incorporated in the life of this contract. Contractor shall comply with all requirements, at no additional cost to the Government.

17.3. The contractor shall ensure that all parts of the facility where work is being performed are adequately protected against vandalism and theft.

17.4. Contractors shall follow instructions provided by the Security Forces for access to the base and building 255. If a gate pass is not granted to a contractor allowing the delivery of goods, execution of warranty support, or performance of services please contact the contracting officer. Be sure that all of your employees have the proper ID (drivers license, state ID, immigration card, U.S. Passport, etc.). If they do not have the proper ID, they will be turned away.

17.5. The Prime Contractor and all of its subcontractors will be required to wear orange or lime colored safety vests while performing work on the installation.

17.6. All prospective contractors MUST be U.S. citizens or MUST have established and

maintain legal residence in the U.S., and are authorized by the US government to work in the United States (i.e. Green card, worker authorization, etc.). All prospective contractors MUST have at least one form of U.S. government issued photo identification (drivers license, U.S. passport, U.S. work visa, etc.) for entry to the installation. Security Forces will review any questionable identification documents for determination as to whether or not said identification is authorized for access to the installation.

17.8. All prospective contractors/contractor employees, once it has been established that they maintain the appropriate credential as described in one above, are subject to a Criminal History Check. Note: For the purposes of Contracting services, it is implied that, that any and all parties agree to a Criminal History Background Check once entered into any contract. Any documents that are provided and found fraudulent to include, but not limited to driver's licenses, contracting licenses, etc., will result in an arrest and potential termination for default from the contract. All contractors are subject to search in order to obtain entry onto the installation and while working on the installation. Any refusal to submit to a search of their person or vehicle will be deemed as a violent act of aggression against the installation and will be cause for dismissal from the installation and revocation of future privileges and installation access. Contractor and all associated sub-contractors employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (AFI 31-101 and AFI 10-245), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.

17.9. All contractor employees, to include subcontractor employees, requiring access Government Installations, Facilities and Controlled Access areas shall complete AT Level I awareness training within 10 calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. Certificates of completion for each affected contractor employee and subcontractor employee will be maintained by the COR or Antiterrorism Representative.

17.9.1. AT Level 1 awareness training is available at the following website: <http://jko.jten.mil>

18. REGULATIONS | 18.1. The contractor shall comply with all applicable Federal, State, Local, DOD, National Guard Bureau, Army and Air Force regulations pertaining to safety, traffic control and fire prevention.

#### 19. TRANSPORTATION, HANDLING AND STORAGE

19.1. The contractor shall coordinate with suppliers and shippers to ensure that incoming materials are properly identified with the contractor's name, contract number and project title. The contractor shall designate an authorized individual to be available to receive shipment. The Government will not provide storage other than that available at the project site.

19.2. Storage of supplies, materials and equipment on the project site shall be accomplished in such a manner so as to prevent mechanical and climatic damage and loss due to vandalism or theft. Equipment temporarily removed in the performance of work and stored on the job site shall be stored and protected in accordance with previous paragraphs, and shall be replaced in a condition compatible with its original

state. Security for equipment and material removed from the job site for temporary storage until reuse shall be the responsibility of the contractor.

## 20. CLEANUP AND DISPOSAL OF DEBRIS AND FILL MATERIALS

20.1. At the end of each workday, the contractor shall clean up the work and storage areas and stack all materials in a manner approved by the Contracting Officer or his designated representative. Upon completion of a project, the contractor shall ensure that all dirt, trash, and debris resulting from the construction operations are removed from the work area. Unless directed otherwise in the contract or by the Contracting Officer, disposal of debris shall be made at the contractor's expense and shall be delivered to a state approved disposal site located off base. Debris shall not be left in such a manner that wind or other weather conditions can cause the debris to be scattered outside the work area (i.e., on nearby runways, ramps or taxiways).

20.2. The hauling and disposal of excess fill material including rock, gravel, sod, broken concrete or asphalt, plaster, etc., shall be the responsibility of the contractor. Disposal shall be in accordance with applicable state and local regulations.

## 21. ENVIRONMENTAL IMPACT

All waste materials generated by any work under the contract performed on a Government installation shall at all times be handled, transported, stored, and disposed of by the contractor and by his subcontractors in accordance with all applicable Federal, state, and local laws, ordinances, regulations, court orders, and other types of rulings having the effect of the law. Should the United States Government be held liable for any neglect or improper actions by the contractor or any subcontractor regarding removal or disposal of any hazardous waste, the contractor shall reimburse the Government for all such liability.

## 22. HAZARDOUS MATERIALS

22.1. Any material suspected of being hazardous that is encountered during performance of a project shall immediately be brought to the attention of the Contracting Officer, at which time a determination will be made as to whether hazardous material testing shall be performed. If the Contracting Officer directs the contractor to perform tests, and/or the material is found to be of a hazardous nature requiring additional protective measures, a contract modification may be required, subject to equitable adjustment under the terms of the contract.

22.2. The contractor is advised that friable and/or non-friable asbestos-containing material may be encountered in project areas. Friable asbestos-containing material is any material that contains more than one percent asbestos by weight, and that hand pressure can crumble, pulverize or reduce to powder when dry. Non-friable asbestos-containing materials are materials in which asbestos fibers are bound by a matrix material, saturation, impregnation or coating. Non-friable asbestos-containing materials do not normally release airborne asbestos fiber during routine handling and end-use. However, excessive fiber concentrations may be produced during uncontrolled abrading, sanding, drilling, cutting, machining, removal, demolition, or other similar activities. 29 CFR 1910.1001 shall be referenced in the event asbestos-containing materials are encountered. Friable asbestos-containing materials are not authorized for use in new construction or maintenance projects.

## 23. POLLUTION ABATEMENT

23.1. All work shall be performed in a manner minimizing pollution of air, water and land as required.

23.2. Transporting materials to or from the site shall be accomplished in a manner preventing materials or particles from becoming airborne. Earth materials shall be wetted or otherwise protected. Gravel, sand and concrete shall be contained within vehicles to prevent spillage. Tarpaulins must be fastened over load before entering surrounding streets. Removal of any materials dropped or blown off vehicles shall be the responsibility of the contractor.

23.3. Burning of any material is strictly prohibited.

23.4. Stream beds, lakes, drainage ways, sanitary and storm sewers, etc., shall not be polluted by fuels, oils, bitumen, acids or other harmful materials. Grading shall be accomplished to prevent surface drainage from the construction site containing harmful amounts of sediment from draining onto adjacent areas.

23.5. Flushing of concrete trucks is restricted to the location specifically designed for this purpose by the Contracting Officer's Representative.

23.6. Excess mortar, plaster or drywall materials shall not be disposed of on Government property. Water utilized for plastering or drywall equipment shall be disposed of in accordance with the instructions of the COR, and under no circumstances shall water be disposed of in areas which are planted or scheduled to be planted.

#### 24. COORDINATION WITH GOVERNMENT ACTIVITIES

24.1. If it becomes necessary to interrupt work activities in buildings and/or areas for construction purposes, permission to do so must be requested in writing to the Contracting Officer 15 calendar days prior to commencing work on the planned interruption and shall be subject to Civil Engineering approval. Written requests for street closing shall be submitted for approval of the Civil Engineer 15 calendar days prior to closing the street.

24.2. Work in connection with this contract which requires utility outages, including electrical, water, gas, steam, etc., which will close down or limit (as determined by the Contracting Officer) normal activities in the building, construction area or other affected areas, shall be performed by the contractor at a time other than the regular work period of the organization occupying the facility. Work required by the contractor on a non-standard basis or at premium pay shall be done at no additional cost to the Government. Request for utility outages shall be submitted to the Civil Engineer, in writing 15 calendar days prior to commencing work and shall be subject to his/her approval.

24.3. Any temporary construction for facilities used by the contractor for preventing interruption of normal work activity or loss of utility services shall be subject to Contracting Officer's approval.

#### 25. UNAUTHORIZED PERSONNEL

The contractor shall inform all personnel working under his jurisdiction (including subcontractor and visiting supplier personnel) that access to areas outside of the immediate work area; excluding direct haul and access routes, contracting and Civil Engineering offices, and points of supply and storage; is prohibited. Circulation of said personnel will be limited to official business only. Persons in violation of the above will be apprehended and appropriately disciplined.

#### 26. PERFORMANCE EVALUATION OF CONTRACTOR

26.1. As a minimum, the contractor's performance will be evaluated upon final inspection. Any specific requirements for contract quality control and quality assurance

by the Government personnel will be defined in the specifications. The contractor will be rated as outstanding, satisfactory or unsatisfactory in the areas of contract quality control, timely performance, effectiveness of management, compliance with labor standards, and compliance with safety standards. The contractor will be notified of any unsatisfactory rating, either in an individual element or in the overall rating, prior to completing the evaluation, and all contractor comments will be made a part of the official record. Performance evaluation reports will be available to all DoD Contracting Officers for their future use.

26.2 Past Performance evaluations will be posted via <https://www.cpars.gov>. It is the responsibility of the contractor to request access to this site.

27. CONTRACTOR QUALITY CONTROL I 27.1. The contractor shall comply with the quality control provisions as specified herein. The Contractor shall perform all quality control inspection and/or testing required by this contract unless specifically designated to be performed by the Government. The quality control system consists of plans, workmanship, fabrication, construction, and operations that comply with contract requirements. The system shall cover construction operations, including fabrication both on-site and off-site, and shall be keyed to the proposed construction sequence. If the contractor fails to submit an acceptable quality control plan within the time herein prescribed, the Contracting Officer may refuse to allow construction to start if an acceptable interim plan is not furnished or may withhold funds from progress payments in accordance with the contract clause titled, "Payments under Fixed Price Construction Contracts", until such time as the contractor submits an acceptable final plan.

#### 27.2. Quality Control Plan

27.2.1. General. Upon receipt of the Notice of Contract Award, the contractor's quality control plan shall be submitted for acceptance in accordance with the specifications.

27.2.2. Acceptance. The Contracting Officer's Representative will review the quality control plan. The contractor shall make such changes and additions as necessary for clarity and completeness as requested by the Contracting Officer's Representative through the Contracting Officer. Acceptance of the contractor's plan is predicated on satisfactory performance during construction. Acceptance is conditional and the Government reserves the right to require the contractor to make changes in quality control plans, personnel and operations to correct deficiencies and to assure contract compliance.

27.2.3. Changes. When the contractor proposes changes in the quality control plan or implementation during construction, the Contracting Officer shall be notified in writing. The contractor shall implement no changes prior to acceptance in writing by the Contracting Officer.

#### 28. SAFETY ASSURANCE

28.1. Compliance with Regulations. All work including the handling of hazardous materials or the disturbance or dismantling of structures containing hazardous materials shall comply with the applicable requirements of 29 CFR 1910/1926. Work involving the disturbance or dismantling of asbestos or asbestos-containing materials; the demolition of structures containing asbestos; and/or disposal and removal of asbestos, shall also comply with the requirements of 40 CFR, Part 61, Subpart A. All work shall comply with applicable state and municipal safety and health requirements. Where there is a conflict between applicable regulations, the most stringent shall apply. The Safety Manual is available at the following web site: <http://www.usace.army.mil/>

SafetyandOccupationalHealth/SafetyandHealthRequirementsManual. aspx

28.2. Contractor Responsibility. The contractor shall assume full responsibility and liability for compliance with all applicable regulations pertaining to the health and safety of personnel during the execution of work. The Government shall not be held liable for any actions on the part of the contractor, his employees or subcontractors, which result in illness, injury or death.

28.2.1. Inspections, Tests and Reports. The required inspections, tests and reports made by the contractor, subcontractors, specially trained technicians, equipment manufacturers and others as required, shall be at the contractor's expense.

28.2.2. Materials and Equipment. Special facilities, devices, equipment, clothing and similar items used by the contractor in the execution of work shall comply with applicable regulations.

28.2.3. Traffic Control Devices. The contractor shall comply with the recommendations contained in Part 6 of the U. S. Department of Transportation, Federal Highway Administration's "Manual on Uniform Traffic Control Devices", 2003 edition with Revision 2 available at <http://mutcd.fhwa.dot.gov/>) to ensure proper warnings to motorists and adequate traffic control. The contractor shall provide all warning lights, barricades and other traffic control devices and signs.

### 31. PRE-CONSTRUCTION CONFERENCE

Before work commences on this contract, the Contracting Officer will conduct a conference to acquaint the contractor with Government policies and procedures that are to be observed during the execution of the work and to develop mutual understanding relative to the administration of the contract. Contractors and/or major subcontractors shall attend this meeting at no additional cost to the Government.

33. MILITARY REAL PROPERTY DATA – DD FORM 1354 I 33.1. Contractors shall furnish real property data to the Government for each new construction and/or renovation project awarded, unless otherwise notified. The real property data shall be furnished via DD Form 1354, Transfer and Acceptance of Military Real Property, or in a format prescribed on the DD Form 1354. The Contractor is responsible for accuracy of data current up to the time of submission.

33.2. For major renovation and/or complex projects, or those expected to exceed 12 months, the Contractor shall furnish real property data no less than on a quarterly basis. Frequency of submission shall be standard throughout the duration of the project. Contractors are advised to record information on the DD Form 1354 (or approved facsimile) as the project progresses, due to the volume of data required to be furnished. Upon completion of the project, the Contractor shall furnish a final, comprehensive DD Form 1354.

33.3. DD Form 1354 accounts for five percent (5%) of the total contract amount and therefore, 5% must be shown on the AF Form 3065 or similar breakdown of costs submitted for payment purposes. Upon acceptance of data by the real property specialist, the contractor may invoice for submission of real property data.

33.4. Contractors should contact Civil Engineering with questions pertaining to the DD Form 1354. For construction data assistance, Contractors may consult the COR assigned to the project.

### 34. TIME EXTENSIONS FOR UNUSUALLY SEVERE WEATHER

34.1. This Paragraph specifies the procedure for the determination of time extensions for unusually severe weather. In order for the Contracting Officer to award a time extension under this clause, the following conditions must be satisfied: [See Page 75 of the RFP]

34.1.4. Upon acknowledgment of the notice to proceed (NTP) and continuing throughout the contract, the contractor will record on the daily Contractor Quality Control (CQC) report, the occurrence of adverse weather and resultant impact to normally scheduled work. Actual adverse weather delays must prevent work on critical activities for 50 percent or more of the contractor's scheduled workday.

34.1.5. The number of actual adverse weather delay days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day of each month, and be recorded as full days. If the number of actual adverse weather delay days exceeds the number of days anticipated, the Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent fair weather work days, and issue a bilateral modification.

2014+Geotechnical+Report+(255).pdf - 84 pages - Summary of geotechnical engineering services performed for the proposed seismic evaluation and rehabilitation for Building 255 located within the PANG facility in Portland, Oregon. Conclusions: proposed renovations at the site can be constructed as proposed. Note the items that will have an impact, on page 8 of the document.

12+++Submittal+Register+(TQKD13-2013).pdf - Submittal Register — The submittal register is a list of the submittals required or desired to be provided for a particular project. A submittal register item includes the CSI number and description as well as the submittal type and the due date. Optionally, it can also include the responsible party for sending notifications and including in the Ball in Court task list. Helpful Hint: Most of the time, the Contractor is responsible for submitting submittals; however, your organization can choose any role to perform this task. The submittal register facilitates creating and tracking submittals by keeping a list of the required submittals and showing the status of the submittals in the list.

10+++PANG+B255+Specs+Type+B3\_Vol+2.pdf -Project Manual For Portland Air National Guard, Repair Maintenance Shops Hangar, Building 255 Project Number: TQKD132013. This 791-page document provides the details on proceeding with the renovation, identifies the equipment, specifications, and other information for each component of the project. Quality assurance guidelines are provided. Execution directions are provided: "...After becoming familiar with all details of the work, verify all dimensions in the field, and advise the Contracting Officer of any discrepancy before performing the work..." (Page 29)

Section 3.14 calls for OPERATION AND MAINTENANCE. Operation and Maintenance Manuals and Operation And Maintenance Training. Submit six manuals at least 2 weeks prior to field training. Submit data complying with the requirements specified in Section Submit Data Package 3 for the items/units listed under SD-10 Operation and Maintenance Data. Conduct a training course for the members of the operating staff as

designated by the Contracting Officer. Make the training period consist of a total of 16 hours of normal working time and start it after all work specified herein is functionally completed and the Performance Tests have been approved. Conduct field instruction that covers all of the items contained in the Operation and Maintenance Manuals as well as demonstrations of routine maintenance operations. Submit the proposed On-site Training schedule concurrently with the Operation and Maintenance Manuals and at least 14 days prior to conducting the training course.

On Page 43, section 1.4.3 calls for Service Support. Ensure the equipment items are supported by service organizations. Submit a certified list of qualified permanent service organizations for support of the equipment which includes their addresses and qualifications. Select service organizations that are reasonably convenient to the equipment installation and able to render satisfactory service to the equipment on a regular and emergency basis during the warranty period of the contract.

On Page 43-44, section 1.5 specifies DELIVERY, STORAGE, AND HANDLING. Handle, store, and protect equipment and materials to prevent damage before and during installation in accordance with the manufacturer's recommendations, and as approved by the Contracting Officer. Replace damaged or defective items.

Note Page 61, following, on the necessity of VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT. Section 1.3 SUBMITTALS details that Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for Contractor Quality Control approval. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES [See Page 62). Section 1.4 QUALITY CONTROL requires the contractor "...Ensure all vibration-control apparatus is the product of a single manufacturing source, where possible. Human exposure levels should be considered using ASA S2.71 and NEBB PROCEDURAL STANDARDS.

[The NEBB Procedural Standard for Testing Adjusting and Balancing of Environmental Systems (Procedural Standard) establishes a uniform and systematic set of criteria for the performance of the testing, adjusting and balancing of environmental or Heating, Ventilating and Air-Conditioning (HVAC) systems.]

On Page 72, section 1.2.4 discusses Contractor Designed Bracing. Submit copies of the design calculations with the drawings. Calculations must be approved, certified, stamped and signed by a registered Professional Structural Engineer. Calculations must verify the capability of structural members to which bracing is attached for carrying the load from the brace. Design the bracing in accordance with UFC 3-310-04, UFC 4-010-01 and additional data furnished by the Contracting Officer. Resistance to lateral forces induced by earthquakes must be accomplished without consideration of friction resulting from gravity loads. UFC 3-310-04 uses parameters for the building, not for the equipment in the building; therefore, corresponding adjustments to the formulas must be required. Loadings determined using UFC 3-310-04 are based on strength design; therefore, AISC 325 Specifications must be used for the design. The bracing for the mechanical equipment designated in paragraph 1.2.2 and systems designated in



paragraph 1.2.3 must be developed by the Contractor.

Section 1.2.5 lists Items Not Covered By This Section, including Fire Protection Systems and Items Requiring No Seismic Restraints.

On Page 73-74 and following, Part 2 Products, section 2.1 GENERAL DESIGN REQUIREMENTS. Submit detailed seismic restraint drawings for mechanical equipment, duct systems, piping systems and any other mechanical systems along with calculations, catalog cuts, templates, and erection and installation details, as appropriate, for the items listed below. Indicate thickness, type, grade, class of metal, and dimensions; and show construction details, reinforcement, anchorage, and installation with relation to the building construction. Calculations must be stamped, by a registered structural engineer, and verify the capability of structural members to which bracing is attached for carrying the load from the brace. Include drawing for Mission Critical Equipment indicating the equipment location in the facility sufficient to be used for the installation. Design must be based on actual equipment and system layout. Design must include calculated dead loads, static seismic loads and capacity of materials utilized for the connection of the equipment or system to the structure. Analysis must detail anchoring methods.

10---PANG+B255+Specs+Type+B3\_Vol+1\_rv3.pdf - Project Manual For Portland Air National Guard, Repair Maintenance Shops Hangar, Building 255 Project Number: TQKD132013. This is another 646-page project manual for the underground utility work; substructure and superstructure reinforcing; interior demolition and renovation of floors, walls, and ceilings; fire protection, plumbing, mechanical, electrical demolition and renovation; exterior siding pairing and roof painting / repairs / replacement; and incidental related work.