

Performance Work Statement (PWS)
for
The Dalles Dam Fire Protection Maintenance

1.0 General Statement

The U.S. Army Corps of Engineers (USACE), Portland District is soliciting for a non-personnel services contract for full fire protection maintenance services at The Dalles Dam located in Wasco County, Oregon and Klickitat County, Washington. The Contractor shall provide all personnel, equipment, tools, materials, vehicles, supervision, and other items and services necessary to perform the fire protection maintenance services as defined in this Performance Work Statement (PWS). The Contractor shall perform to the standards in the contract and comply with all local, state, and federal regulations during the services performed.

This firm fixed priced contract is for a base plus four option years per the Government's discretion. ITM of all systems, equipment and associated parts, as identified in Attachment B shall be performed bi-annually in October and April and perform service calls as requested. The exact dates of each option year period are outlined in the delivery/performance schedule of this requirement.

A new water mist controller will be installed in 2024/2025. The water mist system (listed as FWM in the appendix) will be commissioned and returned to service at that time. Inspection, testing, and maintenance on the water mist system will be an optional CLIN throughout the life of this contract.

2.0 Definitions

Throughout this Performance Work Statement (PWS), terms are defined as follows:

Acceptable Quality Level (AQL): Acceptable Quality Level equals the performance standards listed in 5.1 through 5.10. The Contractor must re-perform all unsatisfactory work unless excused by the Quality Assurance Evaluator (QAE).

Contract Discrepancy Report (CDR): A written record of unsatisfactory performance by the Contractor as observed by the QAE.

Contracting Officer (KO): The Government employee who is authorized to enter into, administer, and/or terminate contracts and make related determinations and findings.

Contracting Officer's Representative (COR): The individual designated in accordance with subsection 201.602-2 of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the Contracting Officer to perform specific technical or administrative functions. The COR is not authorized to make any commitments or changes that will affect price, quality, quantity, delivery, or any other term or condition of the contract.

Defective Service: A service output that does not meet the standard of performance associated with the Performance Work Statement.

Deliverable: Anything that can be physically delivered, but may include non-manufactured things such as meeting minutes or reports.

Hazardous Energy Control Program (HECP): A program established to secure all hazardous energies, and allow a Contractor to safely perform work.

Physical Security: Actions that prevent the loss or damage of Government property.

Government Contract Quality Assurance: the various functions, including inspection, performed by the Government to determine whether a contractor has fulfilled the contract obligations pertaining to quality and quantity.

Quality Assurance Surveillance Plan (QASP): A written document specifying the surveillance methodology to be used for surveillance of Contractor performance.

Quality Control: All necessary measures taken by the Contractor to assure that the quality of an end product or service shall meet contract requirements.

Quality Assurance Evaluator (QAE): The Government employees responsible for checking Contractor performance.

3.0 The Requirements of the Government

3.1 Utilities. The Government will provide potable water, electricity, HVAC, and debris disposal. Telephone service will not be provided. The Contractor shall place all trash and litter pickup in Government provided dumpsters located on the project. This does not include large pieces of equipment and hazardous equipment which the Contractor shall dispose of in accordance with state law. The Contractor shall instruct employees in utilities conservation practices. The Contractor shall be responsible for operating under conditions that preclude the waste of Government utilities.

3.2 Records. Any available fire protection drawings may be obtained from the Government and shall be retained on Government premises. All equipment changes shall be noted on drawings (i.e. red-marked) and returned to the COR.

4.0 The Requirements of the Contractor

4.1 General. The Contractor shall furnish ALL labor, material, supplies, and tools necessary to perform software updates and servicing, inspection, testing, repairs and/or replacements to fire protection equipment, appurtenances, and accessories. Equipment shall be industrial grade. ITM of all systems, equipment and associated parts, as identified in Attachment B shall be performed bi-annually in October and April and perform service calls as requested.

4.2 The Contractor is responsible for maintaining fire detection and fire suppression panels, hardware, software, devices, equipment, and an equipment tracking tool (such as www.buildingreports.com) . Particular attention is to be given to maintaining all trouble and alert signal systems in an operable condition. The Contractor shall notify the Government of all malfunctions that may require other repair qualifications such as a Licensed Electrician.

4.3 Licenses. Contractor personnel team leader shall have NICET level 2 certification to work on the fire protection equipment. The team leader must be on-site for all work with the exception that service calls may be accomplished by personnel with less than NICET level 2 certification at the COR's discretion. A copy of the certification shall be furnished to the COR seven days before the pre-work conference and 14 days before any work commences. Contractor shall have a NICET level 3, or higher, certified person on staff to discuss technical information with the COR.

The software licenses, tech help line license, and other equipment licenses are to be owned by The Dalles Dam, USACE.

4.4 Materials. In performing the work under this contract, the Contractor shall provide only parts recommended by the manufacturer of the equipment for replacement or repair. If the Contractor discovers, in the course of needed repairs, that original equipment by the manufacturer (OEM) has been modified by previous Contractors, it is required for this Contractor to repair or replace per manufacturer recommendations or agreed upon engineered solution. Contractor shall reference Section 5.1.1 for notification of defects for costs that are over and above the scope of this work. All parts replaced shall be new and identical to original equipment or the equipment manufacturer's recommended replacement parts. It shall be the responsibility of the Contractor to prevent the operation or attempted operation of electrical equipment or combinations of equipment which require powers exceeding the capacity of existing building circuits.

4.5 Efficiency. When purchasing energy consuming products, the Contractor shall procure an Energy Star product or a product that is designated under the Federal Energy Management Program (FEMP) of the Department of Energy as being among the highest 25 percent of equivalent products for energy efficiency, FEMP designated product unless (A) an Energy Star product or FEMP designated product is not cost-effective over the life of the product taking energy cost savings into account; or (B) no Energy Star product or FEMP designated product is reasonably available that meets the functional requirements.

4.6 After the first year of routine inspection, testing, and maintenance (ITM) the component quantities may be revised to reflect actual installation.

4.7 Applicable Regulations. The Contractor shall abide by all applicable regulations, publications, manuals, and local policies and procedures. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

Unified Facilities Criteria (UFC) 3-601-02 2022

International Fire Code 2021 (IFC)

U.S. Army Corps of Engineers (USACE)
EM 385-1-1 (2014) - Safety and Health Requirements Manual

Oregon Administrative Rules 2019 (OAR)
OAR 837-040-0020 Amendments to Oregon Fire Code

American Society of Mechanical Engineers (ASME)
ASME A17.1 (2016) Safety Code for Elevators and Escalators

National Fire Protection Association (NFPA)
NFPA 70 (2022) National Electrical Code
NFPA 72 (2022) National Fire Alarm and Signaling Code
NFPA 90A (2024) Installation of Air-Conditioning and Ventilating Systems
NFPA 750 (2023) Water Mist Fire Protection Systems

5.0 Performance Standards and Guideline Requirements

5.1 General. The Contractor shall provide services for:

- a. Routine inspection, testing, and maintenance (ITM) of devices (See 5.2)
- b. Repair services (See 5.3)
- c. Responding to trouble calls (see 5.4)
- d. Documentation (see 5.5)
- e. Firmware & software updates (see 5.6)
- f. License agreements (see 5.7)
- g. Provide and routinely updating a Red Book (see 5.8)
- h. Service interruptions (5.9)
- i. Compliance technology (see 5.10)

The Contractor shall provide repairs, inspections, testing, and maintenance services in compliance with the requirements of the latest editions of NFPA 72, NFPA 750, ASME A17.1, the manufacturer's recommendations, the Corps' EM 385-1-1, and all other applicable laws, regulations, rules, ordinances, and codes for fire protection equipment. The fire protection equipment shall be maintained in a fully operational mode at all times except for prescheduled downtime.

5.1.1 Notification of Defects: The intent of this contract is that the Contractor is responsible for ALL inspection, testing, corrective repair, and preventative maintenance. If for an unforeseen reason the Contractor determines there is existence, or the development of any defects which the Contractor considers beyond the terms of this contract, they shall immediately notify the KO and COR in writing, and the Contractor SHALL NOT remedy the defect. The Contractor shall not proceed in remedying a service that is considered not scope within the current contract until a bilateral modification has been issued and approved by the Contracting Officer. Any work performed outside of the terms and conditions of the contract shall be at the Contractor's own risk.

All proposed repairs and upgrades that are within the scope of the contract and not the Contractor's corrective and preventative maintenance responsibility, shall be approved by the Contracting Officer in writing via a contract modification prior to services continuing.

5.2 ITM of equipment. The Contractor shall maintain all noted fire protection equipment in working order and cleanliness as designed and installed. Scheduling of ITM shall be the responsibility of the Contractor.

The Contractor shall perform the necessary adjustments as required to maintain operation of all devices and fire protection equipment as noted in Appendix Attachment A within limits of applicable codes. All work performed shall be as specified or recommended by the equipment manufacturer. All work, equipment, and materials shall be complete and operational, and shall have a neat and finished appearance.

The Contractor shall only use smoke to test detectors. No magnets or other means of testing will be allowed. This applies even if other than smoke testing is allowed by code. Duct detectors will only be tested with smoke.

All detectors shall be bar coded for individual tracking and compliance with equipment compliance website.

5.3 Repair Services. The Contractor shall be responsible for all costs associated with accomplishing repairs and replacements, including labor, equipment, and supplies for equipment in Appendix Attachment A and systems as specified or recommended by the system manufacturer. The Contractor shall not be required to make renewals or repairs made necessary by reason of negligence or misuse of the equipment by persons other than the Contractor, his/her representatives and employees, or by reason of any other cause beyond the control of the Contractor, except ordinary wear and tear. This does not exempt deficiencies from coverage under this contract that developed or were caused prior to the contract effective date. The Contractor shall not be required to make repairs caused by vandalism or other extraordinary circumstances. Report these instances to the COR. Existing equipment is to be replaced in kind. No new proprietary equipment will be permitted.

5.4 Service Calls. The Contractor shall provide trouble calls service during regular working hours. Regular working hours at The Dalles Dam are Monday - Friday, 6:30 a.m. - 5:00 p.m. Pacific Time. The Contractor shall respond and perform appropriate service within 48 hours from the time of notification. Weekends and holidays are not included in the 48 hour time requirements.

The Contractor shall have personnel available to receive telephone communications concerning trouble needs during normal office hours. Seven days prior to the pre-work conference, the Contractor shall furnish the COR a point of contact telephone number for all response services.

5.5 Documentation. The Contractor shall submit a written ITM plan for all devices that complies with NFPA 72 table 14.3.1, table 14.4.3.2, and all applicable code and provide it to the COR seven days before the pre-work conference. The maintenance plan shall be updated and submitted whenever the fire code requirements are updated, as fire protection equipment is updated, or changed.

The Contractor shall furnish the COR user names and passwords for all fire protection equipment, help lines, tech lines, systems, and any other aspect of fire protection related user names and passwords.

The Contractor shall provide written documentation of all completed inspections, testing, site visits, alterations, and maintenance as required by NFPA 72 table 14.3.1, table 14.4.3.2, and all applicable code. The Contractor shall also provide written documentation of testing and repairs within 48 hours. The documentation shall show device type, location, device identifier, testing status, date and time of test, test method, interval, quantity or percentage passed and did not pass, inspection time, discrepancy reporting, solutions report, service summary, inventory and warranty report, battery testing, code references, and zone address report.

5.6 Firmware and Software. The Contractor shall update and ensure the operation of fire protection equipment firmware and software to the newest available version within 4 months of the versions release. The Contractor shall be responsible for all costs associated with accomplishing fire protection system software and firmware updates and maintenance.

5.7 License agreements. The Contractor shall be responsible for all costs associated with establishing and maintaining equipment license agreements for fire protection software, firmware, and tech help line to include but not limited to:

- a. XLS Fire Finder technical help line.
- b. Fine Water Mist software license agreement.

5.8 Red Book. The Contractor shall update the Red Book every six months. The Red Book is a convenient reference binder of fire protection system information, status, and documentation. ITM reports will be up to date and made ready for the State of Oregon inspector. The Red Book is to be organized by NFPA code and presented appropriately for the general public to understand. The Red Book is to contain:

- a. Table of contents organized by standards
- b. Emergency evacuation and preparedness plan (the Corps will furnish this)
- c. Model of how the system works
- d. Contact numbers and position
 - 1. Associated USACE personnel
 - 2. Contractor personnel
 - 3. Manufacturer technical help contacts
 - 4. Fire system contact numbers and information
 - 5. Service numbers (urgent and routine)
 - 6. On-line database location and access information
- e. Inspection, testing, repair, and maintenance log sheets
- f. Test, inspection, and maintenance schedule, method, and duration
- g. Clearance points for all equipment
- f. Certificates of competency
- g. Service process chart showing common problems, solutions, repairs, and reference material for site personnel and repair technicians

5.9 Service interruptions. The Contractor shall schedule and perform service to the fire protection equipment in a manner which minimally disrupts work flow at the dam. It is incumbent on the Contractor to return all equipment to quality service by the next business day, or within an “as soon as possible” timeframe agreed upon with the COR prior to taking the equipment out of service.

5.10 Compliance technology. The Contractor will use a site such as www.buildingreports.com to perform the below functions. The website will be accessible to the COR for the life of the contract and have the below features.

- a. Schedule equipment inspection and testing
- b. Track the working order, status, and code requirements of all devices and fire protection equipment
- c. Make available all inspection reports for the life of the contract
- d. Identity and location of each piece of equipment labeled by specific barcode

6.0 Performance requirements summary

6.1 To ensure that the Government receives the services for which it contracted, the Government will only pay for services received. The Performance Requirements Summary (PRS) determines if the Contractor meets the performance standards of the contract, as well as provides guidelines for how and when surveillance will be performed. It ensures timeliness, effectiveness and that the Contractor is delivering the results specified in the contract. Government contract quality assurance will be performed per the PRS surveillance schedule.

6.2 These are the criteria against which the performance will be evaluated. Work shall be considered not to have been performed when any one of the following conditions exists in accordance to the Quality Assurance Surveillance Plan (QASP).

PERFORMANCE REQUIREMENTS SUMMARY			
Performance Objective	Performance Standard	Surveillance Method	Allowed Number of Discrepancies
Preventative Maintenance Services, Reference Section 5.2	All fire protection devices are fully operational at all times, unless otherwise scheduled and approved by the COR.	100% Inspection	Zero allowed discrepancies.
Timely and responsive to all service calls, trouble calls Reference Section 5.3 & 5.4	Repairs, general and urgent, are made in a timely manner; Customers are informed of expected repair time. Response and repair is made within the specified time	100% Inspection	Zero allowed discrepancies.
Submission of timely and accurate maintenance and repair reports, Reference Section 5.5	Accurate and complete reports are delivered	100% Inspection.	95% of reports are timely and accurate.
Service Interruptions , Reference Section 5.9	Contractor shall schedule and perform service to the devices in a manner to minimize equipment down time. Contractor notifies COR prior to taking the fire systems out of service.	100% Inspection	1 discrepancy per quarter.

6.3 Surveillance. 100% inspections by the COR will serve as the surveillance methods. If the COR discovers deficiencies and/or receives complaints, the COR will pass them on to the Contractor's Quality Control Inspector (QCI) for correction.

6.4 Quality Control. The Contractor, not the Government, is responsible for quality control actions necessary to meet the quality standards set forth by the contract. The Contractor shall develop and submit their Quality Control Plan (QCP) for Government approval within 14 days after contract award in compliance with the PWS. Once accepted, the QCP becomes a part of the Quality Control Surveillance Plan (QASP). The QASP is made part of the solicitation, but not a part of the resultant contract. The QASP is not a contractual instrument and may be changed at the KO's discretion. The Contractor then uses the QASP to guide and document the implementation of the required management and quality control actions to achieve the specified results. The Government reserves the right under the

Contract Terms and Conditions-- Commercial Items (FAR 52.212-4) to inspect and test the services called for by the contract, to the extent practicable at all times and places during the term of the contract. Non-conforming services shall be rejected.

6.5 Unacceptable Performance. When performance is determined unacceptable, as defined in the Performance Requirements Summary, the Quality Assurance Evaluator (QAE) will inform the Contractor's on-site representative that performance is unacceptable and provide written documentation by use of the Form DD 2772, Contract Discrepancy Report. By initialing and dating the form, the Contractor is only acknowledging notification of unacceptable performance. Disputes in surveillance should be referred to the KO.

The GQAE will notify the COR and the KO of less than acceptable performance. If any of the services do not conform to contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defect(s) in services cannot be corrected by re-performance, the Government may:

- a. Require the Contractor to take necessary action to ensure future performance conforms to contract requirements.
- b. Reduce the contract price to reflect the reduced value of the services performed.
- c. If the Contractor fails to promptly re-perform the services, or to take the necessary action to ensure future performance in conformity with contract requirements, the Government may:
 - i. By contract or otherwise, perform the services and charge to the Contractor any cost incurred by the Government that is directly related to the performance of such service;
 - ii. Issue Cure Notice;
 - iii. Terminate the contract for Government convenience; and/or
 - iv. Terminate the contract for Cause.

6.6 Correction of Non-Performance of Work. Contractor shall employ an adequate quantity of personnel to insure that any area found to be not in compliance and therefore not acceptable, shall be made acceptable by the performance or re-performance of the work, where such re-performance is possible, during the first business day after noncompliance has been observed by or reported to and verified by the COR.

7.0 Security, Safety, & Environmental Requirements

7.1 Security requirements

7.1.1 Anti-terrorism (AT) level 1 training. All Contractor employees, to include Sub-Contractor employees, requiring access to Army installations, facilities, controlled access areas, or require network access, shall complete AT Level I awareness training within 30 calendar days after contract start date. Upon request, the Contractor shall submit certificates of completion for each affected Contractor employee and Sub-Contractor employee, to the COR or to the KO (if a COR is not assigned), within 5 calendar days after completion of training by all employees and Sub-Contractor personnel. AT Level I awareness training is available at the following website: <http://jko.jten.mil/courses/at11/launch.html>.

7.1.2 Access and General Protection/Security Policy and Procedures. All Contractor and all associated sub- Contractors employees shall comply with applicable installation, facility, and area commander installation/facility access and local security policies and procedures (provided by government representative). The Contractor shall also provide all information

required for background checks to meet installation/facility access requirements to be accomplished by installation Provost Marshal Office, Director of Emergency Services or Security Office. Contractor workforce must comply with all personal identity verification requirements (FAR clause 52.204-9, Personal Identity Verification of Contractor Personnel) as directed by the Department of Defense (DOD), HQDA, and/or local policy. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at any installation or facility change, the Government may require changes in Contractor security matters or processes.

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) (Army Directive 2014-05 / AR 190-13), applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative, as NCIC and TSDB are available.

7.1.3 Suspicious Activity Reporting Training (e.g. iWatch, CorpsWatch, See Something, Say Something). The Contractor and all associated sub-Contractors shall receive a brief/training on the local suspicious activity reporting program. This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the project manager, security representative or law enforcement entity. This training shall be completed within 30 calendar days of contract award and within 30 calendar days of new employees commencing performance with the results reported to the COR no later than 5 calendar days after the completion of the training.

7.1.4 OPSEC Security (OPSEC) Training. All new Contractor employees will complete Level I OPSEC Training within 30 calendar days of their reporting for duty. Additionally, all Contractor employees must complete annual OPSEC awareness training. The Contractor shall submit certificates of completion for each affected Contractor and sub-Contractor employee to the COR, or to the contracting officer (if a COR is not assigned), within 5 calendar days after completion of training. OPSEC awareness training is available at the following websites: <https://www.iad.gov/ioss/> or <http://www.cdse.edu/catalog/operations-security.html>.

7.1.5 Pre-Screen Candidates Using e-Verify Program. The Contractor must pre-screen Candidates using the E-verify Program (<http://www.uscis.gov/e-verify>) website to meet the established employment eligibility requirements. The Vendor must ensure that the Candidate has two valid forms of Government issued identification prior to enrollment to ensure the correct information is entered into the E-verify system. An initial list of verified/eligible Candidates must be provided to the COR no later than 3 business days after the initial contract award.

7.1.6 Facility access. The Government shall provide the Contractor access to the required installation and offices necessary for this PWS. The Contractor shall be subject to all Government rules and regulations while working at the Government installation. Access by the Contractor and Contractor's employees may only be permitted during designated work hours. Contractor employees shall not be permitted to bring guests, family members, pets, or non-employees to the job site at any time.

7.1.7 Pagers. Each Contractor employee who performs work on-site shall wear a pager that is fully compatible with The Dalles Project's message/transmitting and programming system (Turn-Key Technologies' TTI Ovation 3 Pager Receiver, Frequency 173.4875MHz). This mandatory safety requirement allows emergency notification of all persons within the Powerhouse and other work areas. No contractor employee shall be allowed to work on-Project without wearing a pager unless specifically

so permitted by the COR. In the event of fire or other danger, the Control Room will notify all personnel by pager.

Contractor shall provide one pager for each on-site position, one week prior to commencing work. The government shall program all pagers before site work begins. At the end of the onsite work, the pagers shall become the property of the government. If the pager receivers are lost, not operable, or substantially damaged through use, the Contractor shall, at the Government's discretion, repair or replace the units at the Contractor's cost.

7.1.8 Proximity Cards. The Army Corps of Engineers is mandated to comply with federal site access requirements. Proximity cards are used for site access. Proximity (prox) cards are acquired, utilized, and returned to the Government through the following process:

a. NERC CIP Criminal Background Check: The Contractor shall acquire a seven year background check for each employee listing all states the employee lived in for the past seven years, and their criminal history. Many Contractors acquire the background check from an Employment Screening company. The Background Check shall be sent ONLY to the Reliability Compliance Coordinator (RCC) for The Dalles Dam. The COR can furnish the RCC's e-mail address post-award. The Background Check shall be given to the COR a minimum of 30 days prior to the pre-work conference.

b. NERC Cyber Training: Each Contractor employee reads Government provided Cyber Training materials and passes a short quiz. The completed quiz is given to the COR 7 days before the pre-work conference. NERC Cyber Training is an annual requirement.

c. The Dalles Dam Access Request Form: The Contractor fills out an access request form for each employee, and sends it to the COR. The completion and submittal of the access request form is an annual requirement.

d. Proximity Card Issuance: Issuance is dependent on approval by the COR of the criminal background check (7.1.7a), cyber training quiz completion (7.1.7.b), access request form submittal (7.1.7.c), and by passing the HECP training (7.2.6). Prox Card issuance is done at The Dalles Dam in the Administration Building on the 1st floor. The COR will clear the Contractor employee for Prox Card Issuance and notify the Contractor. The Contractor then sets up an appointment with The Dalles Security Specialist. COR can furnish the security specialist's e-mail address. State or federally issued photo ID is required to be brought to the appointment.

e. Escort Requirements: Contractor personnel not cleared for authorized unescorted access to the Powerhouse may be escorted by Government or Contractor personnel that have authorized unescorted access to the Powerhouse. All costs related to the escorting of non-cleared personnel shall be at the expense of the Contractor. Additional burden shall not be placed upon the Government to provide these escorts. Prior to access of Contractor personnel not cleared for authorized unescorted access, coordination with the COR is required.

f. Return of Prox Card to the Government: Within 24 hours of the release of any employee and within seven days of the end of the Contract, the Contractor shall collect and return all Government- prescribed cards/keys to the Project Security

Office. Failure to return any Government-prescribed cards or keys will result in a \$250 per item charge to the Contractor. These fees will be deducted from the Contractor's monthly payment at no additional cost to the Government.

7.2 Safety and environmental requirements

7.2.1 General. The Contractor shall follow all safety regulations as set by the Occupational Safety and Health Administration (OSHA), Corps of Engineers Safety Manual EM 385-1-1, and project safe clearance procedures. A copy of the EM 385-1-1 can be downloaded at the following link:
http://www.publications.usace.army.mil/Portals/76/Publications/EngineerManuals/EM_385-1-1.pdf

Where conflicts in safety regulations occur, the COR shall designate the applicable regulation to be followed. Contractor employees shall wear personal protective equipment as required in accordance with EM 385-1-1.

7.2.2 Accidents. The Contractor or the Contractor's employees shall report any circumstances of needed repair of the facility which may affect the performance of the work and unhealthful or hazardous conditions or any delays or interference with the work caused by the employees or the Government. In the event that an accident or injury occurs to Contractor personnel, the Contractor shall first notify the The Dalles Dam Control Room at (541) 506-8211, and then the COR.

7.2.3 Accident reporting. The Contractor shall make a written report of each separate case of an injury or accident. The report shall include, but not be limited to; location, nature of the injury or accident, authorities notified, and the action taken along with any other pertinent information. The report shall be accompanied by sketches, graphs/drawings, and photographs as needed and forwarded to the COR within 24 hours.

7.2.4 Accident prevention plan. The Contractor shall submit an Accident Prevention Plan for their activities. It shall be submitted to the COR for approval. The plan shall detail the Contractor's procedures and protocols designed to insure safe work.

7.2.5 AHA. An Activity Hazard Analysis (AHA) is required to be filled out for all anticipated activities at the dam requiring a clearance and in accordance with the Safety and Health Requirements Manual (EM 385- 1-1). The AHA is to list specific tasks, risks of each task, and ways to mitigate risks of each task. It is to be turned delivered to the COR a minimum of 7 days prior to the pre-work conference and prior to onsite work.

7.2.6 Hazardous Energy Control Program (HECP). A safe clearance system is used by The Dalles Project personnel to insure continuity of service and safety to personnel and equipment. Any work, service, or delivery performed which requires taking Project operating equipment out of service shall be done after a clearance is obtained by Corps personnel. The Contractor shall be responsible for their own safe clearance procedure. The Contractor's safe clearance procedure shall be in accordance with EM 385-1-1 and NWP-HECP-01 (to be provided after contract award). The use of locks and tags is required for all points that locks can be applied. The use of personal locks for individuals working under Safe Clearance is required by NWP-HECP-01. The Contractor shall provide the necessary locks. HECP training can be acquired at <http://Contractor.vividlms.com/>. The Contractor shall provide a copy of the completed quiz to the COR at the pre-work conference.

When manufacturer's specifications and/or industry recognized governing standards (e.g. ANSI and ASME) define the operation, inspection, testing, and maintenance of specific equipment the specification or governing standard may be used in lieu of the Corps Portland District HECP unless otherwise directed by the Responsible Official (RO) or his designated representative. This does not apply to taking clearances on hazardous equipment. The Contractor shall develop and submit a Safe Clearance Plan for approval a minimum of 7 days prior to the pre-work conference.

***** CONTRACTOR PERSONNEL ARE NOT PERMITTED TO HOLD
CLEARANCES TO ISOLATE HAZARDOUS ENERGIES *****

7.2.7 Hazard communication plan. The Contractor shall submit to the COR copies of all Material Safety Data Sheets (MSDS) for chemicals, solvents or oils which may be brought onto the Project prior to bring the chemicals on site. The MSDS sheets are due to the COR 7 days prior to the pre-work conference.

8.0 General

8.1 Contract Administration. The Contract will be administered by the:
Department of the Army,
Portland District, Corps of Engineers
P.O. Box 2946
Attn: CECT-NWP-S
Portland, Oregon 97208-2946

Contract Officer's Representative: Richard Reiner, richard.l.reiner@usace.army.mil, 541-506-8322, AND james.b.gale@usace.army.mil, (541) 506-8320

8.2 Invoice submittals (in accordance with FAR Clause 52.212-4(g)).

Original to:
U.S. Army,
COE, Finance
Center Attn:
CEFC-AOP
5722 Integrity Drive
Millington, TN 38054-5005

One Electronic Copy to the following: Heather Pyles, heather.l.pyles@usace.army.mil AND Contracting Officer's Representative: Richard Reiner, richard.l.reiner@usace.army.mil AND james.b.gale@usace.army.mil

8.3 Insurance. The Contractor shall, at its own expense, provide and maintain during the entire performance period of this contract, at least the kinds and minimum amounts of insurance required by this Clause as follows:

TYPE AMOUNT

1) Workman's Compensation and Employer's as legally required by the State wherein the work Liability (including Federal Longshoremen and is being performed. Harbor Worker's Insurance).

2) Comprehensive General Liability Insurance Personal Injury Liability:

3) Automobile Liability Personal Injury Liability: \$1 million per person, \$1 million per occurrence

Property Damage (may be included in general aggregate limits or combined single unit coverage): \$1 million per occurrence

4) If single general aggregate limits or combined single unit coverage is obtained for General Liability and/or Automobile Liability coverage, minimum amounts shall be the sum of the personal injury and property damage coverage required above. Umbrella Form Excess Liability insurance coverage shall be added to general liability and automobile liability coverage to determine if minimum insurance limits are met.

8.4 Identification of Contractor's Employees.

The Contractor, before initiating the performance of work, shall provide the COR with a list of all employees, including photo IDs for all who shall perform work under this contract. The list shall include the full name, aliases, and work assignment of each employee. The Contractor shall notify the COR in writing of any addition, deletion or change in work assignment within one business day of such change.

All vehicles used by Contractor personnel on project shall bear suitable company identification to enable project personnel to identify such as authorized for access. The Contractor will provide the COR with a list of vehicles and their license plates that will be used to perform work. Vehicles shall be in good working condition, not dripping oil, etc. Safety features on vehicles shall be working.

The Contractor shall be responsible for requiring each employee engaged in work to wear identifying uniform marked with identifying name of the Contractor. All employees shall wear name tags with their name prominently displayed.

8.5 Walsh-Healey Public Contracts Act or the McNamara-O'Hara Service Contract Act (SCA). Every employer performing work covered by the Walsh-Healey Public Contracts Act or the McNamara- O'Hara Service Contract Act (SCA) is required to post a notice of the compensation required (including, for service contracts, any applicable wage determination) in a prominent and accessible location at the worksite where it may be seen by all employees performing on the contract.

A copy of the poster is available in two versions at the following DOL website: <http://www.dol.gov/whd/regs/compliance/posters/sca.htm> The rest of the content is subjective to each locations needs. These are the additional requirements that are to be observed by the Contractor.

8.6 Veterans employment emphasis for U.S. Army Corps of Engineers Contracts. U.S. Army Corps of Engineers (USACE) Contractors and sub-contractors at all tiers are encouraged to promote the training and employment of U.S. veterans while performing under a USACE contract. While no set-aside, evaluation preference, or incentive applies to the solicitation or performance under the resultant contract, USACE Contractors are encouraged to seek out highly qualified veterans to perform services under this contract. The following resources are available to assist USACE Contractors in their outreach efforts:

U.S. Department of Labor Veterans employment: www.vets.gov/
Federal veteran employment information: www.fedshirevets.gov/index.aspx
Veterans' Employment and Training Service (VETS): <http://www.dol.gov/vets/>
Veterans Opportunity to Work (VOW) Program: <http://benefits.va.gov/vow/>
U.S. Army Warrior Transition Command Employment Index:
<http://www.wct.army.mil/modules/employers/index.html>
Hiring Our Heroes initiative: www.uschamberfoundation.org/hiring-our-heroes
Guide to Hiring Veterans:
www.whitehouse.gov/sites/default/files/docs/white_house_business_council_-_guide_to_hiring_veterans_0.pdf

8.7 Hours of operation. The Contractor is responsible for conducting business, between the hours of 6:30 a.m. and 5:00 pm Monday thru Thursday except Federal holidays, or when the Government facility is closed due to local or national emergencies, administrative closings, or similar Government directed facility closings. Working hours that extend past 5:00 p.m. weekdays or on weekends and holidays shall be coordinated through the COR and approved by the Project Staff.

8.8 Government holidays. The Contractor is not required to perform routine services on the following recognized Federal holidays. The Contractor will be required to receive and respond to requests for urgent services on these days: New Year's Day, Labor Day, Martin Luther King Day, Columbus Day, President's Day, Thanksgiving Day, Independence Day, and Christmas Day.

8.9 Interfacing with other Contractors. The Government may undertake or award other contracts for additional work and the Contractor shall fully cooperate with such other Contractors and Government employees and carefully fit his own work to such additional work as may be directed by the Contracting Officer Representative. The Contractor shall not commit or permit any act which shall interfere with the performance of work by any other Contractor or by Government employees.

8.10 Interfacing with government operations. The Contractor and the Contractor's employees shall perform all work in such a way as to not interfere with regularly scheduled Government operational activities.

8.11 Key personnel. The Contractor shall provide a contract manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the Contractor when the manager is absent shall be designated in writing to the Contracting Officer Representative. The contract manager or alternate shall have full authority to act for the Contractor on all contract matters relating to daily operation of this contract. The contract manager or alternate shall be available Monday thru Friday except Federal holidays or when the government facility is closed for administrative reasons.

8.12 Post award conference/periodic progress meetings. The Contractor agrees to attend any post award conference convened by the contracting activity or contract administration office in accordance with Federal Acquisition Regulation Subpart 42.5. The contracting officer, Contracting Officers Representative (COR), and other Government personnel, as appropriate, may meet periodically with the Contractor to review the Contractor's performance. At these meetings the contracting officer will apprise the Contractor of how the government views the Contractor's performance and the Contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the government.

9.0 Forms

Contractor Discrepancy Form:

<http://www.esd.whs.mil/Portals/54/Documents/DD/forms/dd/dd2772.pdf>

Activity Hazard Analysis Form:

http://www.publications.usace.army.mil/Portals/76/Publications/EngineManuals/EM_385-1-1.pdf

10.0 Exhibits and attachments

Exhibit A – Schedule of deliverables

Deliverable	Frequency	PWS reference	Format	Submit to
Post-Award Conference	7 days after award	-	In-Person	-
NICET Level 2 Certification	7 days after award	4.3	Electronic PDF	COR
Notification of Defects	Immediately upon discovery	5.1.1	Electronic PDF	COR
Service Calls	7 days after award	5.4	Electronic PDF	COR
Written Maintenance Plan for all	7 days after award	5.5	Electronic PDF	COR
Equipment Passwords	7 days after award	5.5	Electronic PDF	COR
Completed Test and Inspection Forms	14 days after activity completion	5.5	Electronic PDF	COR
Red Book	60 days after award	5.8	Electronic PDF	COR
Compliance Technology	30 days after award	5.10	Electronic PDF	COR
Quality Control Plan	14 days after award	6.4	Electronic PDF	COR
OPSEC Training Certificates	5 days after completion	7.1.4	Electronic PDF	COR
Pre-Screened E-Verify Candidates	3 days after award	7.1.5	Electronic PDF	COR
Background Check <i>*Foreign Nationals background check requires a minimum of 30-45 days for processing</i>	Initiate immediately after award; Required before performance of work or post-award conference attendance	7.1.7	Electronic PDF	COR

Cyber Quiz	7 days after award	7.1.7	Electronic PDF	COR
Accident Prevention Plan	7 days after award	7.2.4	Electronic PDF	COR
Activity Hazard Analysis	7 days after award	7.2.5	Electronic PDF	COR
Safe Clearance Procedure	7 days after award	7.2.6	Electronic PDF	COR
Material Safety Data Sheet	7 days after award	7.2.7	Electronic PDF	COR
Identification of Employees	7 days after award	8.4	Electronic PDF	COR
Employer's work liability, general liability insurance, and automobile liability insurance	7 days after award	8.3	Electronic PDF	COR

Attachment A – Equipment at The Dalles Dam

2020 Fire Protection Equipment List					
System	Sensor/unit	Manufacturer	Model	Quantity	Date placed in service
XLS Fire Finder	Manual Pull Station		HMS-2S	3	
XLS Fire Finder	Manual Pull Station		HMS-D	46	3/10/2015
XLS Fire Finder	Thermal/heat Detector	Siemens	HI921	14	3/10/2015
XLS Fire Finder	Fire/Smoke Detector		OH921	27	
XLS Fire Finder	Pressurization fan	Greenheck	TCBRS-2-23-7	1	7/11/2014
XLS Fire Finder	Pressurization fan	Greenheck	24-BISW-21-10-I-50	1	7/12/2014
XLS Fire Finder	Pressure sensor ?			12	
XLS Fire Finder	Duct photo smoke detectors	Siemens	OP-921	1	3/10/2015
XLS Fire Finder	Batteries (26.4V) in XLS panel		BTX-3		3/10/2015
XLS Fire Finder	Addressable Switch/ input module		HTRI-S	47	
XLS Fire Finder	Relay module for fans	Siemens	HTRI-R	2	
XLS Fire Finder	Relay module	Siemens	HTRI-R	15	3/10/2015

XLS Fire Finder	Mini Monitor module	Siemens	HTRI-M	36	3/10/2015
XLS Fire Finder	Dual input module	Siemens	HTRI-D		3/10/2015
XLS Fire Finder	MFACP fire alarm system panel	Siemens	XLS	1	3/10/2015
XLS Fire Finder	Fire alarm event log	Siemens	N/A		3/10/2015
XLS Fire Finder	FSA remote annunciator panel	Siemens	SSD-C-REM	3?	3/10/2015
XLS Fire Finder	Pressure relief damper	Greenheck	HPR-120	2 or 3	7/11/2014
XLS Fire Finder	Back draft damper	Greenheck	WD-410	2 or 3	7/11/2014
XLS Fire Finder	Fire/smoke damper	Greenheck	FSD-231	2 or 3	7/11/2014
XLS Fire Finder	Volume damper	Streimer	MVD-1-2	2 or 3	7/11/2014
XLS Fire Finder	Air duct housing	Siemens	FDBZ	2 or 3	3/10/2015
XLS Fire Finder	RR power relays	IDEC	RR2P-UL SR2P-06		3/10/2015
XLS Fire Finder	Door releases			6	
XLS Fire Finder	Wall mount hour/strobe	Siemens	AS-HMC-R-WP	7	3/10/2015
XLS Fire Finder	License for server		CCA-EXT-FSET	1	
XLS Fire Finder	License for 1 client		CCA-1-CL	1	
XLS Fire Finder	License for 100 addressable FP devices		CCA-100-FIRE		
XLS Fire Finder	Network interface card - H-NET		NIC-C		
Cerberus	Cerberus-DMS		DMS-W717-22L-S	1	9/15/2015
VESDA	FA remote annunciators				
VESDA (Option)	Input module for water mist, CO2	Siemens	HTRI-S	47	3/10/2015
VESDA	compact detector (ASD) w/VESDA-NET		VLC-505	36	3/10/2015
VESDA	ASD Smoke Detector		VPM-100	25	
VESDA	VESDA power supply		VPS-300	1	3/10/2015
VESDA	Air handling unit shutdown		DLC		
VESDA	Fire Protection HMI software	Siemens	PMI		3/10/2015
VESDA	Batteries (24V)		VPS	each detector	
VESDA	Batteries	Powersonic	BTX PS-12120		3/10/2015

VESDA	VESDA control panel software		VSW-207	1	3/10/2015
VESDA	VESDA high level interface		VESDA-HLT KIT	1	3/10/2015
VESDA	Xtralis computer		VSM4	1	
VESDA	Zone card		ZIC-4A		
VESDA	HLIM line isolation module		HLIM	1	3/10/2015
VESDA	Detector Piping		VESDA	25	
EST panel	Edwards EST 3X panel	Edwards	EST 3X		
EST panel	smoke detectors - photo electric		SIGA-PD	44	
EST (B15)	Relay - high output control	Edwards	SIGA-CRH	3	
EST (B15)	Card - signature data expander SLC	Edwards	3-SDC1	1	
EST (B15)	Remote annunciators	Edwards	RLCD-CR	1	
EST (B15)	Battery 12V 55 Ah lead acid		WKA12-55C/FR	2	
FWM (Option)	Pump	Edwards	160	1	
FWM (Option)	Zone control electric valve	Tomco	980014, 980015		
FWM (Option)	Batteries 12VDC 55AH	Carefree	CFR-12V55G		
FWM (Option)	Pressure relief valve	Kunkle	20	1	
FWM (Option)	Pressure regulating valve	CLA-VAL	50-01	1	
FWM (Option)	Nozzle	Aqua Mist	AM4	37	
FWM (Option)	Tamper switch	Potter	RBVS	6	
FWM (Option)	Tamper switch	Potter	OSYSU-1	2	
FWM (Option)	Thermal Detector	Fenwal	SERIES 27100	50	
FWM (Option)	Pull station - manual release	RSG	RMS PULL STATION	4	
FWM (Option)	Horn strobe	Siemens	U-HNH SERIES	4	
FWM (Option)	Strobe light	Siemens	SR	4	
FWM (Option)	Status light	Space age	IAV SERIES	4	
FWM (Option)	Annunciator - remote	Siemens	SSD series	1	
FWM (Option)	Control panel – TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED	1	
FWM (Option)	Control panel - PMI		PMI	1	

FWM (Option)	Fire pump controller	Tornatech	GPA+GPU	1	
FWM (Option)	power supply 12A, 24VDC, 100AH	Siemens	PSC-12	1	
FWM (Option)	Power supply extender	Siemens	PSX-12	1	
FWM (Option)	Card cage	Siemens	CC-5	2	
FWM (Option)	Device loop card	Siemens	DLC	1	
FWM (Option)	Zone indicator card	Siemens	ZIC-8B	4	
FWM (Option)	Zone indicator card	Siemens	ZIC-4A	1	
FWM (Option)	Card - network interface	Siemens	NIC-C	1	
FWM (Option)	60 PIN PMI/CC-5 CABLE	Siemens	Patch cable	1	
FWM (Option)	Plate - inner door blank	Siemens	ID-SP	3	
FWM (Option)	Clear lens plate - for outer door	Siemens	OD-LP	2	
FWM (Option)	Cabinet - 2 row red	Siemens	CAB2	1	
FWM (Option)	Relay module	Allen Bradley	AL9220081	15	
FWM (Option)	Enclosure - NEMA 12 60"x60"x12"	Hoffman	A606012LP	1	
FWM (Option)	Enclosure back plate	Hoffman	A60P60	1	
FWM (Option)	Circuit breaker	Allen Bradley	S200	2	
FWM (Option)	Interace module	Siemens	HTRI-D DUAL INPUT	14	
FWM (Option)	Relay module - addressable	Siemens	HTRI series	4	
FWM (Option)	Terminal block	Marathon	MIKTS4	A/R	
FWM (Option)	End barrier	Marathon	MIW4	A/R	
FWM (Option)	End anchor	Marathon	MSK35	A/R	
FWM (Option)	Din rail	Marathon	MN35-2	A/R	
FWM (Option)	Switch - 2 position disable	Idec	ASD211103	4	
FWM (Option)	Padlock cover	Allen Bradley	AB800T- N163	4	

FWM (Option)	Signs - disable switch	Tomco		4	
FWM (Option)	Signs - custom	Tomco	FWM signs	25	
FWM (Option)	Signs - custom manual release	Tomco	FWM release	4	
FWM (Option)	Filter diode	Murr	TFS 993260	15	
FWM (Option)	Remote I/O #1	Tomco		1	
FWM (Option)	Remote I/O #2	Tomco		1	
FWM (Option)	Enclosure 24"x24"x6"	Hoffman	NEMA 12	2	
FWM (Option)	Back plate 24"x24"	Hoffman		2	
FWM (Option)	Mini Monitor module	Siemens	HTRI-M	54	
FWM (Option)	Battery cabinet	Siemens	CAB- BATT/R	1	
FWM (Option)	Electro thermal link	SR products	ETL	14	
FWM (Option)	Wye strainers in-line	Tomco/Watts	980045	6	
FWM (Option)	Pressure gauge	Wika	type 111.10SP	1	
FWM (Option)	Meter - fire pump test meter	Gerand Engineering Co	model K	1	
FWM (Option)	Valve - block and bleed valve	No Shok	600 & 700 series	2	
FWM (Option)	Pressure gauge	Wika	213.53	1	
FWM (Option)	Valve - OS&Y	Nibco	T-104-2	2	
FWM (Option)	Valve - pressure reducing	Watts	25AUB-Z3	1	
FWM (Option)	Mini siphon	Wika	type 910.24	1	
FWM (Option)	Pressure switch	Potter	PS120 SERIES	1	
FWM (Option)	Flow switch - pressure type	Potter	PS100-2	4	
FWM (Option)	Double check valve	Watts	Series 077	1	