Standard Specifications for Projects Under the National Environmental Policy Act in Accordance with 32 CFR 651 Proponent ELTY-ISR-E

Spill Response Procedures 1-2-3

1. Stop work
2. Call 911
3. Evacuate Area

*********Damaged Asbestos?*********
Call Environmental Branch (EB) at 615-7098

*******Environmental Questions?******
Call EB 615-7098

1. Air Pollution Control

The contractor must control fugitive emissions, including dust, during the course of their contract. The contractor must obtain approval from the Environmental Branch (EB) prior to exhausting equipment to the outside. The contractor must not allow any pollutant or particulate matter to be released to the atmosphere at levels that are visible from outside of Tobyhanna Army Depot (TYAD). The contractor must not perform work that will release pollutants or particulate matter to the atmosphere when the wind speed exceeds ten miles per hour and will result in adverse effects to the surrounding areas. TYAD will monitor the wind speed; it is the contractor's responsibility to obtain wind speed information through the Contracting Officer Representative (COR).

2. Asbestos

The contractor must ensure that all materials used in the performance of this contract are asbestos-free.

Unless specified in the contract, the contractor must not disturb any existing Asbestos-Containing Material (ACM) in the performance of this contract. If ACM, or suspect ACM might be disturbed in performance of this contract, the contractor must avoid encountering the material and immediately notify the COR and the Contract Administrator in writing. The COR must coordinate with EB to have the material tested to determine if there is ACM. If the material is determined to be ACM and the contractor cannot avoid disturbing the material, the COR will notify the Contracting Officer. The Contracting Officer will direct a change pursuant to the contract clauses entitled "Changes" and "Differing Site Conditions." If ACM, or suspect ACM has been disturbed,

the contractor must immediately notify the COR and call the EB. The contractor will shut down and not move any equipment or supplies near the damaged ACM. The contractor will evacuate all non-contaminated contractor personnel from the immediate vicinity. Any contractor personnel thought to be contaminated with asbestos must remain in the area until the EB responds. If the damaged material is determined to be ACM and there is potential for further damage, the Contracting Officer will direct a change pursuant to the clauses of the contract clauses entitled "Changes" and "Differing Site Conditions."

Asbestos abatement required under the contract as originally awarded must be in accordance with United Facilities Guide Specification 02 83 14 00 10 and as otherwise required in the contract. Asbestos abatement not required under the contract as originally awarded, can be incorporated into the existing contract via contract modification, or by the Government taking responsibility for the asbestos abatement. The method of acquiring the abatement is at the discretion of the Government. The contractor must have an asbestos abatement work plan that has been approved by EB prior to beginning any asbestos abatement work.

3. Backflow

The contractor shall have a backflow prevention device installed on all contractor equipment that is connected to Tobyhanna Army Depot's (TYAD) water distribution system. The contractor shall have a water meter installed to monitor water consumption during all phases of the contract. Water use will be reported monthly to the COR.

4. Burning

The contractor must not burn refuse and debris anywhere on TYAD.

5. Buy Recycled-Content Materials

The Contractor must comply with Resource Conservation and Recovery Act (RCRA) Section 6002 (42 U.S.C. 6962, Federal Procurement) in the acquisition of materials with recycled content to meet the standards of Executive Order 13834 Efficient Federal Operations, May 17, 2018. Specific designated items in this contract for which recycled content standards have been established have been set forth in the specification (e.g., insulation, roofing materials, carpet, carpet pad, paint, floor tiles, shower and restroom dividers). Recovered Material Certification: As required by the RCRA, the contractor must certify that the percentage of recovered materials to be used in the performance of the contract will be at least the amount required by the applicable contract specifications (see Federal Acquisition Regulation (FAR) Provision 52.223-4, Recovered Material Certification). Prior to application for final payment, the contractor must provide a report in accordance with FAR Clause 52.223-9, Estimate of Percentage of Recovered Material Content for Environmental Protection Agency (EPA) Designated Items, to the Contracting Office. Compliance with this program does not relieve the contractor from meeting all other specification requirements.

6. Cultural Resources

The contractor must not adversely affect any property listed on the National Register of Historic Places (NRHP) or properties eligible for inclusion on the NRHP without consultation and approval from the EB through the COR. If there is a discovery of any historic properties, including archeological sites and graveyards, work will cease immediately until requirements of National Historic Preservation Act, as amended, have been met. All archaeological artifacts found at TYAD or TYAD-controlled properties are U. S. Government property until a determination is made otherwise.

7. Demolition Notification

If a project involves the demolition of any load-bearing structural members, whether or not asbestos is present, 25 days prior to the demolition, the Commonwealth of Pennsylvania Asbestos Abatement and Demolition/Renovation Notification Form 2700-FM-BAQ0021 must be submitted to EB as specified in the Unified Facilities Guide Specification 02 82 13.00 10. The contractor may obtain a copy of the form from the EB.

8. Drinking Water

The contractor must not perform any work on the TYAD potable water system prior to obtaining approval from the EB and the Installation Planning and Maintenance Division certified operator through the COR. If a permit is required due to construction or proposed chemical feed changes, it will be the responsibility of the contractor to obtain all permits associated with the project. Permit applications will first be reviewed and approved by the Environmental Branch before being submitted to regulatory authorities. Any piping or additions added to the TYAD water system must be disinfected following "American Water Works Association circular C651-14 "Disinfecting Water Mains." Construction will be kept outside of drinking water wellhead protection zones when feasible. All new buildings and remodeled buildings will be equipped with a water meter that can easily be read from the exterior of the building.

9. Endangered Species

The contractor is responsible for meeting requirements of the Endangered Species Act of 1973. The contractor must not disturb any endangered species, their habitat or offspring during the implementation of this contract.

10. Emergency/Spills

All emergencies and spills must be reported to the TYAD Fire Department by calling 911 from a TYAD phone or (570) 615-7300. If a 911 call is placed on a cell phone, the call will go to the Monroe County Emergency Office. Notify the Monroe County Emergency Office that you are at TYAD and the call will be forwarded to TYADs Fire Department. The contractor must ensure all personnel working on site are trained in the proper procedure according to 29 CFR 1910.120 (if applicable) to initiate a spill response to handle the hazardous substances they are working with. The contractor will take the necessary actions to prevent and contain spills of hazardous materials.

11. Energy Efficiency

The Energy Policy Act of 2005 section 109 and the Energy Independence and Security Act of 2007 require all new construction at federal facilities to be 30% better than ASHRAE 90.1. Energy Policy Act of 2005 section 104 and the Energy Independence and Security Act of 2007 require all new equipment to be Energy Star qualified when available. This is applicable to heating, ventilation and air conditioning equipment, plumbing, building materials, lighting, commercial food service equipment and appliances.

12. Environmental Automation and Control Systems
The contractor will not alter, modify, remove or tamper with any environmental automation or control system unless previous arrangement have been made with EB. This includes sensors, programmable logic controllers, equipment housing, power supplies, meters or other hardware/sensor technology.

13. Erosion and Sedimentation Control
The contractor shall protect streams, lakes and wetlands from sediment discharges caused by the contractor's activities. The contractor shall also provide (where applicable) an erosion and sedimentation control plan in compliance with state and local laws and regulations, to the COR for approval prior to executing any soil-disturbing activities. The contractor must submit a National Pollutant Discharge Elimination System Permit to the Pennsylvania Department of Environmental Protection (PADEP) prior to any construction activity that encompasses more than one acre. All permits must be reviewed and approved by the EB prior to being sent to any regulatory authority. The contractor shall not disturb any wetlands. Contractor will remove all silt fencing and other temporary control measures once the site is stabilized. Contractor will remove all spoils from TYAD unless a previously approved disposal site has been established. The contract COR will be responsible for management and control of the spoils disposal site.

14. Fluorescent and Mercury-Bearing Lamps
The contractor is to collect, containerize, manage and recycle fluorescent and mercury-bearing lamps in accordance with 40 CFR 273, Standards for Universal Waste Management. A copy of the manifest/Bill of Lading must be given to the EB through the COR five days in advance of shipment by the contractor so that it can be reviewed for accuracy and completeness. The contractor must install low mercury bulbs when available.

15. Hazardous Materials Stored and Labeled
The contractor must ensure all hazardous materials (HM) at the work site are properly stored and labeled. The contractor must not leave any HM behind at the completion of the job for any reason. HM must not be stored outside without adequate secondary containment and shelter.

16. Hazardous Waste
The contractor must ensure that all hazardous wastes (HW) at the work site are properly stored and labeled in a pre-approved location designated by the EB. The

contractor must provide copies of any shipping documents for HW/Universal Waste/Toxic Substances Control Act waste. If the TYAD EPA number is being used for shipping purposes, only EB is authorized to sign a manifest and the manifest (or copy) must be supplied prior to the day of shipment for review. The EB will keep originals. If HW or waste requiring special handling (e.g., asbestos) is being turned over to the government for disposal, the contactor must notify the EB through the COR when the waste is ready to be moved.

17. ISO 14001
TYAD is an ISO 14001 certified facility. All contractor and subcontractor employees on site must comply with TYAD Regulation 200-5, "Environmental Management System (EMS)." The contractor may obtain these regulations through the project COR.

18. Limit of Disturbance
The contractor must confine the limit of disturbance of the project to the smallest area possible.

19. Mercury-Bearing Equipment
The contractor must not install any equipment, switches, or devices (including thermostats) that contain mercury or lead.

20. Safety Data Sheets (SDSs)
The contractor must submit SDSs for all hazardous materials proposed for use, including paints, solvents, adhesives, etc., to the EB through the COR five working days prior to material being brought on post. As of June 1, 2015, all Material Safety Data Sheets (MSDS) must be replaced with new Safety Data Sheets (SDS). EB will no longer be accepting older legacy MSDS sheets and the contractor must submit the current SDS for the hazardous material. The contractor must keep a copy of all SDSs required for the project at the jobsite.

21. Migratory Bird Protection
The contractor is responsible for meeting requirements of the Migratory Bird Treaty Act of 1918 (as amended). The contractor must not disturb any migratory bird, their nesting area or offspring during the implementation of this contract.

22. National Pollutant Discharge Elimination System (NPDES) Permits
The contractor must not perform any work on existing NPDES structures or treatment units unless previously approved in writing by the Installation Planning and Maintenance Division certified operators and the Environmental Branch. This includes work within the sewage treatment plant, sewage lift stations, sewage conveyance pipes, Industrial Operations Facility pretreatment plant, and storm water sewer systems. If a permit is required, it will be the responsibility of the contractor to obtain all permits prior to work being performed. All permit application packages must first be reviewed by the Environmental Branch prior to being sent to any regulatory authority.

23. Net Zero Water

The contractor will minimize the use of potable water during the construction project. Water used during the construction project will be monitored and measured using portable water meters if possible. Installed restroom equipment will consist of high-efficiency fixtures that use reduced volumes of water. Use of flow regulation devices must be approved by EB prior to installation. Employ strategies that in aggregate use 20% less water than the water use baseline calculated for the building after meeting the Energy Policy Act of 1992 fixture performance requirements. Automatic hands-free flushometers will not be used. Water-free urinals will not be used. Flushometers will be the piston variety that fail in the closed position. New building construction and renovations will include installation of a water meter that is capable of being read from the outside of the building.

24. Noise

The contractor must not allow the noise level to exceed 65 decibels at any point outside TYAD property. If noise levels exceed 65 decibels, a plan must be prepared by the contractor to mitigate the noise levels and submit to the EB for approval through the COR. The contractor will monitor the fence line to confirm this limit.

25. Ozone Depleting Substances (ODS)

The contractor must be responsible for ensuring that all personnel who perform maintenance and repair activities on refrigeration equipment have been trained and certified by an EPA-approved Section 608 program. The contractor must not use Class I or Class II ODS or install equipment that contains Class I or II ODS.

25. Paints

The contractor must not use paints containing zinc chromate or strontium chromate pigments and paints must not contain a concentration of lead greater than 0.009 percent.

26. Pest Management

At no time during the execution of this contract must the contractor provide a food source or harborage for any pests. The contractor must coordinate through the COR to the EB prior to application any pesticide usage (PA state license is required for pesticide applications). Pesticides are required to be approved by the EB. The contractor must report all usage of pesticides through the COR to the EB. After completion of the contract, the contractor must ensure there is no passage for pests to enter facilities or structures related to work performed by the contractor.

27. Polychlorinated Biphenyls (PCBs)

The contractor must not bring items containing PCBs onto TYAD. Light ballasts that are clearly marked "Contains no PCBs," or that are marked with a manufacture date after 1978 must be disposed of by the contractor as construction demolition debris. Any light ballast that is not marked as containing no PCBs that has a manufacture date prior to 1978, or that cannot be determined whether it contains PCBs, must be disposed of by the contractor at an approved and licensed facility for PCBs. The contractor must

submit a shipping manifest and certificate of disposal of the PCB-containing items to the EB through the COR.

28. Recycling
The contractor must comply with TYADs general recycling plan for recyclable materials such as aluminum, steel, cardboard, paper, plastic and wood. The contractor should contact the EB for additional information on the recycling of materials through the COR. The COR will coordinate with EB to have the contractor recycle metals, cardboard, etc., through TYADs recycling program. All Construction and Demolition (C&D) material transferred from a construction project into the TYAD recycling program must be segregated and material type and weights submitted to the project COR for consolidation. Any material entering the TYAD recycling program that is not documented and properly reported will be absorbed into the TYAD recycling program and not count towards the C&D requirement of the project. Clean wood shall be recycled by the contractor off TYAD property.

29. Refuse and Construction Demolition Debris Removal and Disposal
During the performance of all construction, renovation and demolition projects, a minimum of 60 percent of all non-hazardous construction demolition debris shall be diverted from the landfill for reuse or recycling. The contractor shall provide written certification to the COR of the type and tonnage of debris reused or recycled from the contract. All refuse and the construction demolition debris not recovered for reuse or recycling shall be disposed of at a PADEP permitted and Monroe County Municipal Waste Management Authority authorized facility. The contractor shall comply with the Monroe County Solid Waste Management Plan and PA Act 90, including all licensing requirements. Monroe County has specific landfills that is must be transported to per Monroe County guidance which is available on the county website (http://www.thewasteauthority.com) and any contractors can call the Monroe County Municipal Waste Management Authority at (570) 643-6100. The contractor shall provide a disposal certificate or landfill weight slip to the COR for all solid waste disposed of during the performance of this contract. The COR will then provide copies of the disposal certificate or landfill weight slips with the quarterly consolidated C&D report from The Installation Planning and Maintenance Division to EB.

30. Removal Materials
The contractor must remove from the site prior to the acceptance of work by the Government, all materials not identified to remain in place, including excess paints, building materials and equipment purchased by the contractor for the execution of this project.

31. Site Preservation and Restoration
The contractor must ensure that the land resources associated under this contract be preserved in their present condition or be restored to a like condition after completion of construction. This post construction appearance will appear to be natural and not detract from the appearance of the project.

32. Trees and Shrubs Protection
The contractor must be responsible for the protection of all trees and shrubs on site. The contractor must not allow any heavy equipment, vehicular traffic or stockpiling of materials within ten feet from the drip line of any tree. The contractor must not allow any toxic materials to be stored within 100 feet (35.5 meters) of the drip line of any tree. The contractor must not nail protective devices, signs, utility boxes or other objects to trees to be retained on the site.

33. Unexploded Ordnance (UXO)
All work that is done in the UXO area must include the support and clearance by a UXO technician. In addition, all personnel entering the UXO area must have UXO recognition training. The COR will escort the contractor to the EB for UXO recognition training. The COR will provide a map of the UXO area to the contractor.

34. Water Quality
The contractor shall not pollute streams, lakes or reservoirs. All work under this contract shall be performed in such a manner that pollution will not be created in streams, surface waters or underground water located within, or adjacent to the project area. The contractor shall not spill, emit, dump or otherwise discharge any hazardous, toxic, harmful or unauthorized pollutant, substance or material, including petroleum products, cleaning agents or paints, onto the ground, into the air or into any waters or nearby storm drain. The contractor shall execute any preventative measures required to prevent any hazardous, toxic or harmful material stored or used on the project site from entering any stormwater drain. Nothing shall be allowed to spill, emit, dump or otherwise discharge any hazardous, toxic or harmful material or pollutant into any sink, toilet, drain, utility or receptacle without written permission from the EB through the COR. The contractor shall protect streams, lakes and wetlands from sediment discharges caused by his activities.