

Contract No. DE-AC08-98NV 13 149

ATTACHMENT A
STATEMENT OF WORK

**SECURITY PROTECTIVE FORCE SERVICES CONTRACT
STATEMENT OF WORK**

INTRODUCTION

This statement of work encompasses a range of Security Protective Force services to be provided for the Department of Energy (DOE), Nevada Operations Office (DOE/NV). Contractor tasks will be performed in accordance with this Statement of Work (SOW). Stations and patrols identified herein are generally staffed as specified in this section; however, changes may occur based on programmatic requirements as directed by the DOE/NV Contracting Officer or his/her designated representative.

The mission of the Protective Force Contractor is the physical protection of security interests to include Nuclear Explosive Devices, Special Nuclear Material (SNM), Stockpile Stewardship Operations and Vital Equipment (including critical assets used by the Nuclear Emergency Search Team (NEST), Classified and Sensitive Information, Property and Unclassified Facilities.

The following items should be taken into consideration when developing protection program strategies:

- The vulnerability of an assembled or partially assembled nuclear explosive device to malevolent acts;

The vulnerability of SNM, vital equipment or facilities, or sensitive matter to malevolent acts;
- ▶ The importance of the facility to the overall DOE mission and costs of replacement due to acts of sabotage or other malevolent acts, the classification level of the matter, and the impact of its loss or compromise on national security;
- ▶ The potential effects of a malevolent act on the health and safety of employees, the environment, or the public;
- The need for compartmentalization of safeguards and security interests.
- ▶ The need for efficient and cost-effective methods for protecting the safeguards and security interests taking into consideration the DOE Order requirements and performance-based tests; and

- ▶ The requirement to maintain the capability for a recapture, recovery, and fresh pursuit protection strategy for matters involving the loss or theft of SNM; strategies to counter the use of weapons of mass destruction (nuclear, chemical, and biological); and the aspects of Presidential Decision Directive 39 dealing with terrorism and counter terrorism.

The contractor must demonstrate the capability to respond to work scope changes quickly and with a minimum disruption to their operation.

BACKGROUND

DOE/NV Facility Mission

The primary missions of DOE/NV are to maintain readiness to resume the conduct of underground nuclear tests and to support stockpile stewardship operations. Current Defense Programs missions include the conduct of subcritical experiments involving the use of SNM designed to test the reliability and safety of our nation's nuclear weapons stockpile. Future missions may include programs associated with the staging/storage, disassembly, and weapons modernization of nuclear weapons or other programs associated with weapons quantity of SNM.

The DOE national weapons laboratories have responsibility for design, development, and ensuring reliability of nuclear weapons, and conducting research and development work related to the non-nuclear components of nuclear weapons.

DOE/NV is responsible for implementing operational safety and security associated with the mission requirements. The protection strategy employed by DOE/NV is to prevent access to nuclear explosive devices or prevent removal of Category I SNM from a facility. DOE/NV has developed management and operations plans to provide adequate protective force protection and physical system barriers commensurate with the threat contained in the DOE Threat Guidance documents.

DOE/NV also administers the nuclear emergency response capability programs. The NEST operations maintain an emergency response capability to nuclear terrorism. The Aerial Measurements System provides an aerial radiological survey and sampling capability to: (a) respond to a major accident involving radiation sources anywhere in the continental United States; (b) support Nuclear Regulatory Commission (NRC) licensed facilities; and (c) conduct large terrain radiation mapping in cooperation with the NRC around licensed facilities as a basis for rapid assessment of radiation or other environmental accidents.

DOE/NV has an extensive environmental, safety, and health program to assure that all operations are conducted safely without harm to the public or NTS employees and with an acceptable environmental impact.

DOE/NV also provides support to **DOE/HQ** Programs Divisions and other federal agencies.

In summary, the currently assigned missions are focused in the following areas: maintaining readiness to resume underground nuclear testing, stockpile stewardship operations and management; emergency management and nonproliferation; environmental restoration; waste storage and disposal facilities; and research and development. Potential and/or future missions could include the Yucca Mountain Project, solar energy programs, and Department of Defense program missions. These missions could include projects involving special nuclear material, joint missions with other agencies, and conventional weapons demilitarization.

DOE/NV Site/Facility Descriptions

Nevada Test Site (NTS)

The NTS is located 65 miles northwest of Las Vegas, Nevada. It consists of approximately 1,350 square miles, or 864,000 acres - an area larger than the state of Rhode Island. The NTS is bordered on three sides by 4,120 square miles of land comprising the Nellis Air Force Range, another federally-owned restricted area. This restricted area provides a buffer zone to the north, east, and west between the test area and public lands. This buffer zone varies from 15 to 65 miles between the test area and land that is open to the public. The land to the south is also federally-owned and administered by the Bureau of Land Management. The northwestern portion of the Nellis Air Force Range is occupied by the Tonopah Test Range (TTR), an area of 524 square miles. The combination of the TTR, the Nellis Air Force Range, and the NTS comprise one of the largest unpopulated land areas in the United States, some 5,994 square miles. The largest populated area near the NTS is the city of Las Vegas, which is 65 miles to the south. The temperature at the NTS ranges from a daily average low of 49.2 degrees Fahrenheit to a daily average high of 75.4 degrees Fahrenheit. Temperature extremes can range from -10 degrees Fahrenheit in the winter at the higher elevations to over 110 degrees Fahrenheit during the summer months. The average annual precipitation is 7.58 inches with the average annual snowfall being 2.9 inches and the average annual wind speed 8.0 miles per hour. The airspace above the NTS is designated restricted airspace of unlimited altitude on a continuous basis by the Federal Aviation Administration.

The NTS contains 1,200 buildings, approximately 300 miles of primary and secondary surfaced roads, 400 miles of unsurfaced roads, three airstrips, and five heliports. The NTS water system consists of 15 wells, pumps, reservoirs, and 100 miles of supply and distribution lines.

The NTS is the U.S. underground testing laboratory for nuclear devices. The area consists of desert terrain made up of low mountains, mesas, rolling hills, ravines, dry lakes, and other flatlands. The NTS has two large natural closed drainage basins which are known as Frenchman and Yucca Flats. U.S. nuclear explosive tests have historically been conducted at the NTS in accordance with the criteria and designs developed by Lawrence Livermore National Laboratory,

Los Alamos National Laboratory, Sandia National Laboratories, and Department of Defense/Defense Special Weapons Agency. Tests have been conducted in vertical underground holes in the Yucca Flat or Pahute Mesa areas and in horizontal tunnels in the Rainier Mesa.

Remote Sensing Laboratory (RSL)

The RSL is located on the northeast portion of Nellis Air Force Base (AFB) approximately 600 yards north of the Hollywood gate. The facility may be accessed from either the Hollywood gate via Hollywood Boulevard or via the perimeter road from the west side of Nellis AFB.

WITHHELD – FOIA EXEMPTION 2
5 U.S.C. 552(b)(2)

Homeland Security Act of 2002, Title II,
Section 203, Access to Information

2 Paragraphs

North Las Vegas Facilities (NLVF)

The NLVF is located on 78.3 acres of U.S. Government property and contains four complexes with a total of approximately twenty-six buildings. The complexes are identified as the A, B, and C complexes and the Department of Energy, Nevada Support Facility (NSF). The NSF is the headquarters for DOE/NV operations. Protective fencing encompasses the entire NLVF. Access to the facilities are controlled 24 hours per day.

REQUIREMENTS

As required by DOE/NV, the Contractor shall provide personnel to perform security services at the NTS and Las Vegas area DOE/NV facilities, DOE/NV contractor facilities, and other facilities as assigned by DOE/NV. All work performed by the Contractor must satisfy the requirements of DOE Orders and direction provided by DOE/NV.

DOE/NV reserves the right to modify the level of effort and enhance the technical work requirements due to changing security requirements or methods of accomplishing security functions.

The Contractor agrees to guard and to protect the premises, facilities, property, and personnel utilized by DOE/NV in performing its prime contract with the United States Government.

Historically, armed guard requirements for the NTS and Las Vegas area have ranged from a high of 300 to a low of 108 depending on changing mission requirements. Presently, the total armed force strength is being revamped to 125 armed guards.

When DOE Orders are referred to, any successor orders or regulations will apply.

The Contractor shall provide the following:

I. SECURITY REQUIREMENTS

A. PERSONNEL

1. Maintain a Protective Force of DOE Q-cleared security personnel sufficient to provide required security services at the NTS and Las Vegas area DOE and DOE contractor facilities, in accordance with DOE requirements, under both routine and emergency conditions, using the most cost-effective manning level/overtime mix practical. Historically, the actual size of the Protective Force has been determined by the number of posts, Patrols, communications, and administrative security positions required by DOE/NV and the management, staff, and support personnel required by the Contractor to support DOE/NV requirements. Currently there are approximately 12 armed guard station/patrols in the Las Vegas area and 23 armed guard station/patrols at the NTS.
2. Provide specially selected and trained offensive qualified Security Police Officers (SPO), otherwise known as Sensitive Assignment Specialists (SAS), personnel who are Personnel Assurance Program (PAP) certified in accordance with DOE Order 5610.11 to protect nuclear explosive devices and SNM while in storage, transit, and/or at test/experiment locations.
3. Provide an offensive SPO II Response capability in accordance with DOE Order 5632.7A and as directed by the Contracting Officer or his/her designated representative to counter any attempted theft or sabotage of nuclear explosive devices or SNM. For protection of nuclear explosives and certain categories of SNM a denial strategy must be employed and for lesser categories of SNM a containment protection strategy may be used. In the event the above strategies fail, a plan and capability for recapture, recovery, and pursuit is required.

4. Provide a highly motivated, productive, cost-efficient work force.

B. PASS & BADGE

1. Operate pass and badging system for DOE/NV at two facilities--one located at the NTS and the other at the DOE/NV facility in North Las Vegas. Included are preparation, issue, and control of permanent and temporary badges for all federal and contractor employees and visitors.
2. Process and control official and nonofficial visits and tours.

C. CLEARANCES & SECURITY EDUCATION

1. Maintain the personnel security file system and the DOE/HQ-based Central Personnel Clearance Index (CPCI) system.
2. Review security files of foreign nationals visiting the NTS and enter the data into the CPCI.
3. Provide security briefings to employees and others as directed.
4. Ensure maintenance of security education and training records.

D. SECURITY POSTS

1. Staff fixed security stations and provide staffing-for roving patrols.
2. Provide security escorts for personnel or materials.
3. Provide test event/experiment support including sweeps, roadblocks, manning temporary security stations, operating primary and secondary alarm systems, and operating emergency control centers.

E. PLANNING

1. Provide operational and security analysis and planning required to develop and implement security procedures, plans, and directives.
2. Prepare contingency plans for antinuclear demonstrations, protective force strike situations, adversary threats, emergency response; and emergency evacuation.

3. Develop, prepare, and conduct security and emergency response exercises required to ensure trained and responsive protective forces.
4. Provide Operations Security vulnerability planning and conduct Vulnerability Assessments, as required.
5. Perform risk analyses and tasks needed to identify and counter specific vulnerabilities including safety concerns.

F. PROPERTY

1. Provide protection of Government property by conducting random and directed searches of personnel and vehicles entering or exiting DOE facilities.
2. Maintain control and accountability of Government property through accurate logging and inventory control.
3. Provide surveillance of property subject to pilferage or theft and maintain accountability of seized Government property until disposition instructions are received.

G. ENVIRONMENTAL, SAFETY, AND HEALTH

1. Conduct contract operations and services in accordance with environmental and safety laws, regulations, and orders.
2. Conduct safety and health inspections in accordance with DOE guidance to ensure that operations are conducted in a safe manner.
3. Provide environmental oversight required to meet federal, state, and DOE standards.

H. SYSTEMS

Conduct strategic and long-term program planning to ensure that security systems meet and defeat the changing threat.

I. ROUTINE

1. Provide protective services in accordance with DOE/NV operational and procedural instructions.

2. Provide a highly motivated, productive, cost-efficient work force.
3. Protect security areas against unauthorized access. Apprehend unauthorized personnel or vehicles in security controlled access areas. Prevent, through use of force if necessary, in accordance with 10 CFR 1047, unauthorized access to classified matter.
4. Check security areas and repositories during nonworking hours of facilities.
5. Process and control programmatic official and nonofficial visits and tours.
6. Furnish appropriate protective force personnel for other security-related duties which may include protection of NEST assets during deployment, control of antinuclear demonstrations, and other security-related activities as directed by the Contracting Officer or his/her designated representative.

J. SPECIAL NUCLEAR MATERIAL (SNM)

Protect SNM within NTS boundaries or other designated areas.

K. MISCELLANEOUS

1. Ensure all labor relations activities are conducted in accordance with DOE policy and guidelines, are cost effective, and foster stable labor-management relationships.
2. Provide comprehensive Qualitative Analyses services which conform to the requirements of DOE Orders and applicable elements of National Consensus Standards of the American National Standards Institute and DOE Order 5700.6C, Quality Assurance.
3. Establish and execute accounting, budgeting, and payroll activities which support the security mission and conform to prudent business practices.
4. Collect, manage, store, and retire records in accordance with DOE requirements.
5. Appoint a qualified individual to serve as the Classification Officer and appoint a sufficient number of Authorized Derivative Classifiers/Declassifiers and Unclassified Controlled Nuclear Information Reviewing Officials in accordance with DOE Orders 5650.2B and 47 1.1.

6. Provide a Safeguards & Security Training Section capable of implementing DOE Order 470.1.
7. Conform to DOE/NV Project Management Control System.

II. SCHEDULING AND OPERATING PROCEDURES

Operating procedures listed below shall be established by the Contractor with the approval of DOE/NV. The operating procedures that shall be established are:

- A. The number and composition of Protective Force personnel for each shift.
- B. The area of each security patrol.
- C. Specific instructions and orders for each post and each patrol area.
- D. Number of personnel required for administrative and Protective Force service positions.
- E. Specific assignment of personnel to administrative and Protective Force service positions.

The Contractor will reduce to writing all operating and procedural instructions and, following DOE/NV approval, distribute those instructions to applicable personnel and ensure their knowledge, understanding, and compliance with those instructions.

III. CONTINUITY OF SERVICES

Continuous protective services are required 24 hours per day, 7 days per week.

IV. SUPERVISION AND ADMINISTRATION

The Contractor shall be fully responsible for the continuous supervision, equipping (uniforms and related accessories), security and safety orientation, training, and administration of all assigned personnel.

The Contractor shall be fully responsible for maintaining high standards of competency, conduct, and integrity of all assigned personnel.

V. PRE-EMPLOYMENT PERSONNEL SCREENING

Contractor shall observe the following in the screening of prospective employees. Before a request is made for security clearance, establish general suitability of prospective employees by appropriate pre-employment checks with previous employers and other references covering the individual's job history, integrity, and personal habits. Avoid (and, where commercial credit or other private investigative agencies are used, instruct such agencies to avoid) loyalty or security-type investigations, which by law are the responsibility of the Federal Bureau of Investigation and the United States Office of Personnel.

Management. In the event Contractor receives information in the course of a pre-employment check which reflects upon an applicant's loyalty or associations, such information shall be submitted with the Request for Security Clearance.

Particular care must be exercised in the screening of applicants because the type of work involves special elements of employee trust such as physical protection of classified material and information, nuclear explosive devices, special nuclear material, weapons, equipment, and supplies.

VI. PERSONNEL QUALIFICATIONS

The Contractor shall not assign to this contract as Protective Force personnel any individual who fails to meet the applicable DOE medical, physical fitness, and firearms qualification standards, and the general qualification requirements.

Physical and Medical Qualifications: Protective Force personnel must be fully capable of performing duties requiring moderate to arduous physical exertion and must be fully capable of self defense, tactical exercises, baton and riot control training, weaponless defense, and arrest techniques. They must be capable of running, lifting, and participating in rescue operations. As a minimum, they must meet the physical fitness and medical qualifications set forth in 10 CFR 1046.

Firearms Qualifications: Prior to being armed or performing armed SPO duties, and at least semi-annually thereafter, each armed Protective Force member will qualify by attaining a minimum qualifying score on the courses of fire set forth in DOE M 473.2-1) Firearms Qualification Courses Manual, dated 7-8-97.

General Qualifications

All Protective Force personnel assigned to duty shall have a valid driver's license from one of the fifty states of the United States.

The Contractor shall maintain, at a minimum, 75 percent of its on-site Protective Force as SPO II offensive qualified, in accordance with DOE Order 5632.7A. The percentage of on-site SPO II offensive personnel shall not be reduced/increased without the specific permission of the Contracting Officer.

VII. TRAINING

All armed personnel shall be fully trained in accordance with the requirements for SPOs listed in DOE Order 5632.7A, prior to being assigned to independent duty. Annual training requirements will also be accomplished in accordance with this Order. If unarmed personnel are assigned to selected positions (with the specific permission of the Contracting Officer), they will, as a minimum, meet the training requirements indicated for SPOs. Contractor is responsible for training and professional development of all Protective Force personnel using its personnel resources. Training development, presentation, administration, etc., shall be accomplished and/or maintained in accordance with all appropriate DOE Orders and DOE Standards and Criteria and shall be approved by DOE/NV.

VIII. MANAGEMENT, SUPERVISION, AND STAFF

DOE/NV requires the Protective Force Contractor to provide management, supervision, and staffing to effectively train, operate, supervise, administer, and manage the Protective Force in accordance with DOE Orders, DOE Standards and Criteria, and in keeping with sound business practices.

IX. UNIFORMS

The Contractor shall be responsible for equipping Protective Force personnel with appropriate uniforms, which includes uniform maintenance, badges, leather gear, belts and holsters, and insignia of rank. Weapons, badges, leather gear, belts and holsters, and camouflage/field uniforms are supplied by DOE/NV. Class "A" dress uniforms are supplied by the Protective Force Contractor. All Contractor's SPOs shall be in uniform while on duty, in accordance with the Contractor's established dress code. The Contractor shall specify, with the approval of the Contracting Officer, appropriate uniforms, badges, insignia, and attire for Protective Force personnel.

X. FIREARMS

While on duty, Contractor's Protective Force SPO personnel will be armed, at a minimum, with a .9mm handgun and an auxiliary weapon (rifle) that uses 5.56mm ammunition or other authorized firearms and ammunition. Periodically, the Protective Force personnel may be armed with other automatic or specialty weapons. **All** issued

weapons and ammunition will be provided by DOE/NV, and shall be in serviceable condition. All on-duty weapons shall be fully loaded unless otherwise directed by D O E / N V .

XI. ARSENAL/ARMORER

Contractor shall maintain an arsenal in clean and safe operating condition at the NTS training facility. In addition, all arsenal and emergency equipment shall be properly stored, protected, accounted for, and secured at all times. The Contractor shall also provide, at a minimum, one Armorer who is certified, as required by DOE, to perform maintenance and repairs on all weapons used by Contractor Protective Force personnel.

XII. OFFICE FACILITIES

Because the contractor is required to have an on-site presence, Government furnished office and training facilities will be provided by DOE/NV.

XIII. VEHICLES

DOE/NV will provide all of the required vehicles. DOE/NV will be responsible for providing routine maintenance, repairs, fuel, and oil that would normally be needed in the performance of official duties.

XVI. RECORDS AND REPORTS

Contractor shall maintain all records required by DOE Orders and such other records as may be required by DOE/NV. Contractor shall maintain Protective Force-related reports in accordance with DOE and DOE/NV requirements.

XV. SECURITY CLEARANCES

The Contractor shall request security clearances only for its personnel who will be assigned to perform work under this contract.

Only personnel who have "Q" clearance access authorization granted by DOE shall be assigned to perform services under this contract, unless specifically approved in writing by the Contracting Officer or his/her representative.