



National Nuclear Security Administration Categorical Exclusion Determination Form



NEPA ID#: HEDLP 15-001-001

Proposed Action Title: Entry Guard Station (EGS) Expansion at OAF (NV-2011-040)

Program or Field Office: Nevada Field Office

Location(s) (City/County/State): Nevada National Security Site (NNS), Nye County NV

Proposed Action Description:

A subcontractor would provide a prefabricated metal addition of approximately 1000 sq. ft. to the existing prefabricated EGS metal building of approximately 1500 sq. feet. The project is located approximately 90 miles northwest of North Las Vegas, NV on the Nevada National Security Site in Nye County, Nevada at an elevation of approximately 3706'. The scope of work includes but is not limited to the following:

The subcontractor would be code compliant as specified in the bid documents, and provide erosion control during construction. Existing facility must remain in operation during construction, with final cutover only after extension is operational. Supplementary Lock Boxes would be provided near the facility on the opposite side of the parking lot.

- Civil: Relocate existing sewer cleanout, and communications hand hole and remove existing abandoned power box.
- Structural: The primary expansion is a prefabricated metal structure. An entry cover would be fabricated in the field. The floor slab is to have non-metal reinforcing.
- Architectural: The addition would have features to match the existing facility, i.e. suspended ceiling, vinyl composition tile floor and a fiberglass reinforced panel wainscot. The facility shall be finished and ready for occupation upon completion of the contract. NSTec would provide a beneficial occupancy inspection prior to final acceptance of the facility. This would be coordinated through the Subcontractor Technical Representative.
- Mechanical: The existing Trane air handling unit would be removed. Existing ductwork shall remain. New unit to be located where the old unit was removed to be installed and new ductwork to expansion to be installed. "Burglar bars" are to be installed in specific ductwork. The control system must be compatible with an existing Metasys system and BACNET system.
- Electrical: Some exterior lighting on the facility would be removed and relocated to the new facility. Temporary night lighting shall be provided during the time when the exterior lights are non-functional. All new lighting would be energy efficient. The existing fluorescent fixtures shall be cleaned and relamped. There is an existing panel in the facility that has sufficient capacity to power new services. Power to the portals will be provided in this contract but final connection is by others. Power to the junction boxes placed on the existing wall and wireway are provided in this contract, UPS connections by others.
- Plumbing: Existing valved 4" water riser and 4" domestic water service would be removed and relocated. Existing sanitary sewer under the extension would also be removed and replaced with a new line.
- Fire Alarm: Includes expanding the existing addressable fire alarm system. The existing system consists of a fire alarm panel, initiating devices, notification devices, and other components needed for a functioning system. The new system would include system wiring raceways, pull boxes, terminal cabinets, outlet and mounting boxes, control equipment, alarm, and supervisory signal initiating devices, alarm notification appliances, supervising station fire alarm system transmitter, and other accessories and miscellaneous items required for an expansion of the existing system.
- Communications: Existing phone lines would be extended to the new exterior wall. Two additional phones shall be provided.
- Biological and cultural surveys have already been conducted for this project location, and will not be required to be performed again.

Categorical Exclusion(s) Applied:

B-1.15 - Siting/Construction/Operation of support buildings support structures

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions including the full text of each categorical exclusion, see Subpart D of 10 CFR 1021. Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion.

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451. 1B), I have determined that the proposed action fits within the specified class(es) of action and that other-regulatory requirements set forth above are met. Therefore, the application of a categorical exclusion is appropriate.

NEPA Compliance Officer: Linda Cohn

Date Determined: 7/26/2011