

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: NLR

STATE: CO

PROJECT TITLE : NLR-26-006 Dedicated Outdoor Air System (DAOS) - Naval Air Station, Key West (NAS, KW)

Notice of Funding Opportunity Number

Procurement Instrument Number

NEPA Control Number

CID Number

DE-AC36-08GO28308

GFO-NLR-26-006

GO28308

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- | | |
|------------------------------------|---|
| B2.1 Workplace enhancements | Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction). |
| B1.11 Fencing | Installation of fencing, including, but not limited to border marking, that would not have the potential to significantly impede wildlife population movement (including migration) or surface water flow. |

Rationale for determination:

The U.S. Department of Energy's (DOE) National Laboratory of the Rockies (NLR) is proposing to partner with the Department of Defense (DoD) to install a 10-refrigeration ton (10T) dedicated outdoor air system (DOAS) at a Youth Center, owned and operated by the Naval Air Station, Key West (NAS, KW). The purpose of the project would be to demonstrate emerging technologies that provide distinct benefits and cost savings.

The project would be funded by the Environmental Sustainability Technology Certification Program, a DoD program. NLR would act as the project's lead organization. Any work proposed to be conducted at a federal facility may be subject to additional NEPA review by the cognizant federal official and must meet the applicable health and safety requirements of the facility.

The proposed project would install the 10T DOAS adjacent to the facility's gym on the west side of the building. The DOAS would be fitted on an elevated concrete pad with stair access on two sides. The DOAS would deliver ventilation through the installation of a single duct that enters the facility near ceiling height and distributes the air into the gym and adjacent lobby via overhead ductwork. A new electric connection to a transformer adjacent to the west condensing unit would be tapped and fed through a new meter can and safety switch to the DOAS unit. The DOAS would feed two additional maintenance receptacles.

An area approximately 14 feet by 20 feet would be the total area of disturbance. Clearing and grading activities would be expected to prepare for installation, concrete pouring, and equipment laydown. Work would be conducted on DoD property and completed in accordance with DoD construction policies.

Impacts

Air emissions would occur during excavation, use of construction adhesives, and filling the DOAS with refrigerant but it is expected to be de minimis. Approximately 14 pounds of 410A refrigerant would be used with the DOAS. All handling, including disposal, would be handled in accordance with federal and state laws. Workers would follow required specifications to limit air emissions from the construction site. Waste generated during the project will be reused, recycled, or disposed of in accordance with applicable regulations, policies, and procedures.

Erosion and stormwater impacts would occur because of ground disturbance. Erosion control measures will be required and maintained throughout the project lifecycle. Workers would follow stormwater construction requirements and any additional EPA Construction General permit regulations, if required. All ground disturbance would occur in areas that have been previously disturbed.

Individuals working on this project could be exposed to various physical, chemical, and electrical hazards during construction and operation. Existing corporate health and safety policies and procedures would be followed including employee training, work/worker authorization, proper protective equipment, engineering controls, and monitoring, as well as obtaining a Safe Work Permit. Additional policies and procedures would be implemented as necessary if new health and safety risks are identified.

For Categorical Exclusion Determinations:

- The proposal fits within a class of actions that is listed in Appendix B to 10 CFR Part 1021 or Appendix B and C of DOE's NEPA Implementing Procedures (June 30, 2025). To fit within the classes of actions listed in Appendix B to 10CFR Part 1021, or Appendix B of DOE's NEPA Implementing Procedures, a proposal must satisfy the conditions that are integral elements of the classes of actions in Appendix B of both 10 CFR Part 1021 and DOE's NEPA Implementing Procedures.
- There are no extraordinary circumstances related to the proposed action that may affect the significance of the environmental effects of the proposal.
- The proposed action has not been segmented to meet the definition of a categorical exclusion.
- The proposed action is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination.

Include the following condition in the financial assistance agreement:

A migratory bird nesting survey shall be completed if project activities involving ground disturbance occur between March 15 and September 15.

All required permits shall be obtained prior to commencing project activities.

Notes:

NLR
Brandon Bammel, 12/18/2025

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____

 Electronically
Signed By: **Nicole Serio**
NEPA Compliance Officer

Date: 12/18/2025

FIELD OFFICE MANAGER DETERMINATION

- ☒ Field Office Manager review not required
☐ Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____

Field Office Manager

Date: _____