

**Health Resources and Services Administration
and
National Institute of Standards and Technology**

**FINDING OF NO SIGNIFICANT IMPACT (FONSI)
for**

**New Cancer Research Building at
The University of Kansas Cancer Center
University of Kansas Medical Center
Eaton St from 39th to 37th, Kansas City, Kansas**

**CEQ UID: EAXX-009-15-OFA-1727356560
HRSA CFDA-93.493**

***Grant award #
HRSA CE1HS52429-01-00
NIST 60NANB23D119
NIH 1C06OD036011
HRSA CE1HS54323-01-00***

BACKGROUND

The Health Resources and Services Administration (HRSA) of the Department of Health and Human Services (HHS) provides funding through the FY 2023 Consolidated Appropriations Act (P.L 117-328) and the FY 2024 Consolidated Appropriations Act (P.L. 118-42) for congressionally directed spending projects, including the construction and renovation of health care facilities. The National Institute of Standards and Technology (NIST) provides funding through the FY 2023 Consolidated Appropriations Act (P.L 117-328) . The proposed activity is the construction of a new cancer research building on the campus of the University of Kansas, Kansas City, KS.

PROPOSED ACTION

The University of Kansas is seeking to receive federal funds for the proposed construction of a New Cancer Research Building along Eaton St from 39th to 37th, in Wyandotte County, Kansas City, KS. The project site is within an urban health care campus and is currently a surface parking lot.

The purpose of the proposed project is to increase access to novel ideas and cancer treatments, and to expand capabilities in cancer prevention, research and patient care. The proposed project includes construction of six levels with mechanical space at both the lower level and penthouse level. Each floor will be approximately 32,000 square feet. Some work will also be accomplished on existing portions of the Hemenway building to accommodate connections between the new and existing buildings. The proposal includes wet lab spaces, offices and meeting spaces, an expanded vivarium.

The Environmental Assessment (EA) documents the environmental impacts of the proposed action, as well as measures to mitigate any potential impacts. The EA is incorporated by reference into this FONSI.

MITIGATION

This FONSI is predicated on implementation of the following mitigation measures:

- **Erosion and Sedimentation Control:** Best Management Practices (BMPs) such as silt fences and hay bales will be implemented to mitigate soil disturbance during construction.
- **Stormwater Management:** Runoff control measures including the installation of stormwater systems will minimize impacts on surface water runoff and downstream water quality.
- **Noise Mitigation:** Construction activities will be restricted to standard working hours to minimize noise impacts on the community and facility users. Long term noise and vibration impact that may result from the new generator and exhaust equipment have been mitigated by specifying the placement and type of equipment to minimize such impacts.
- **Traffic Control:** A traffic management plan will ensure safe and efficient movement around the site, reducing disruptions to local roadways. The temporary impact to parking will be resolved prior to the start of construction with a new surface lot on campus, as part of a separately funded project. Elevated walkways connecting the site and buildings are planned, limiting traffic congestion and increasing pedestrian safety.
- **Air Quality Control:** Dust control measures will be employed, and construction equipment will be maintained to limit emissions and meet regulatory standards. The following energy conservation measures will be implemented to minimize air emissions resulting from the energy use of the new building:
 - improved building insulation,
 - energy-efficient heating, cooling, ventilation, and refrigeration systems,
 - efficient LED lighting,
 - passive heating and lighting to take advantage of sunlight,
 - design to LEED Silver Standards,
 - risk based zoning (design that reduces the number of air changes required in the proposed cancer research building and limits those air changes to very specific spaces), and

- the purchase of energy efficient appliances and electronics.
- **Cultural Resource Preservation:** Immediate halt of construction and notification of authorities upon discovery of archaeological materials.
- **Hazardous Materials:** In the unlikely event that construction activities identify unknown subsurface hazardous wastes or materials, or if any hazardous materials are discovered, generated, or used during construction, would be disposed of and handled in accordance with applicable local, state, and federal regulations. Any waste generated in laboratories in the proposed cancer research building will be managed under the existing University Environmental Management Program and disposed in accordance with state and federal regulations.
- **Land Use:** It has been determined that a rock quarry operated on the project site for over twenty years. A geotechnical study found inconsistent bedrock, undocumented fill and sinkholes at the site. All structural construction methods recommended in the geotechnical study (i.e., deep piers, structural slabs) will be implemented to support the foundation of the proposed building.

CONCLUSION

HRSA and NIST hereby adopt the EA prepared by the applicant for the proposed action described above. After reviewing the assessment and the supporting materials provided by the award recipient, HRSA and NIST find that the assessment properly documents the proposal's status of compliance with the environmental laws and requirements listed therein.

In accordance with the National Environmental Policy Act, the Council on Environmental Quality regulations for implementing NEPA (40 CFR Parts 1500 through 1508) and the HHS General Administration Manual Part 30 Environmental Protection (February 25, 2000), HRSA and NIST have determined that, with the mitigation measures described above, the proposed action will have no significant adverse impact on the quality of the human environment. As a result of this FONSI, an Environmental Impact Statement will not be prepared.

Approvals:

For HRSA:

Commander Ali B. Danner, MPH
DHHS – United States Public Health Service
Director, Office of Special Activities
Health Resources and Services Administration
HRSA's Office of Federal Assistance & Acquisition Management

Date

For NIST:

Joseph Barger
NIST NEPA Coordinator

Date

Andrew J. Wright
Chief Facilities Management Officer

Date