

**PROSPECTUS - CONSTRUCTION
FOOD AND DRUG ADMINISTRATION LABORATORY
LAKEWOOD, CO**

Prospectus Number: PCO-LAB-LA19
Congressional District: 07

FY 2019 Project Summary

The General Services Administration (GSA) requests approval for construction of a new laboratory facility of approximately 68,000 gross square feet (GSF) to provide a long-term housing solution for the Department of Health and Human Services – Food and Drug Administration (FDA) at the Denver Federal Center (DFC), at West 6th Avenue and Kipling Street in Lakewood, CO. This project will allow FDA to occupy a laboratory building that meets modern standards for functional laboratory space that will accommodate a floor plan with the most optimal layout in support of its mission on a secure campus.

FY 2019 Committee Approval and Appropriation Requested

(Design, Construction, Management & Inspection)\$29,319,000

Overview of Project

GSA proposes the design and construction of a new Federal laboratory building on a 4-acre Government-owned site, just south of existing Building 20 at the DFC. This project will provide FDA a state-of-the-art laboratory facility with ancillary office space to support laboratory functions. The facility will be built to meet biosafety level 2 specifications. Laboratory layout will be modular and designed to create higher efficiency of workflow while maintaining agency chain-of-custody regulations. The office space will primarily consist of open workstations and a collaborative environment.

Site Area

Government-Owned 4 acres

Project Budget

Design	\$ 3,570,000
Estimated Construction Cost (ECC).....	23,335,000
Management & Inspection (M&I).....	<u>2,414,000</u>
Estimated Total Project Cost (ETPC)*	\$29,319,000

*Tenant agency may fund an additional amount for alterations above the standard normally provided by GSA.

**PROSPECTUS - CONSTRUCTION
FOOD AND DRUG ADMINISTRATION LABORATORY
LAKEWOOD, CO**

Prospectus Number: PCO-LAB-LA19
Congressional District: 07

<u>Schedule</u>	Start	End
Design and Construction	FY 2019	FY 2023

Tenant Agencies

Department of Health and Human Services – Food and Drug Administration

Justification

FDA is currently housed in laboratory and laboratory support space at the DFC in Building 20, a converted ammunitions plant building that also houses multiple Federal operations and offices. Building 20 is well past its useful life and experiencing major building system deficiencies. Due to current conditions, failing building systems are projected to cause a shutdown of its current space within 1 to 5 years.

The building uses excessive amounts of energy and struggles to maintain proper humidity and pressurization levels due to inadequacies in the heating, ventilation, and air conditioning system and building enclosure, which are critical components to prevent contamination within laboratories.

FDA processes evidence in court cases that must be tested and stored appropriately; some samples must be stored for up to 8 years. These samples are irreplaceable and failing infrastructure could place them at risk for contamination and spoilage. Costly laboratory equipment is at risk of being damaged due to severe roof leaks.

The current space is compartmentalized with hard wall offices and no capability of changing space to accommodate workflow or to facilitate collaboration. FDA has storage spaces and conference rooms that were built to accommodate program areas that no longer exist, and later built laboratory space around those areas. As its space has changed and evolved, the result is pockets of unused space sprinkled throughout the area. This situation has resulted in inefficient use of space that does not meet regulatory requirements to isolate laboratory space from office work areas.

This location is the regional regulatory arm of FDA and a critical part of its mission. Various departments include laboratories that analyze food, drugs, and cosmetics; a compliance department; investigators; and an administration team. For sections of the country west of the Mississippi River and east of Nevada, this facility is responsible for managing foodborne illness outbreaks. FDA uses this facility to analyze food samples to determine the source of the illness so the food can be immediately recalled to prevent further illness or death. This laboratory analyzes foods crossing State boundaries, as well as foods that are flown in from other countries to ensure it is safe for consumption.

**PROSPECTUS - CONSTRUCTION
FOOD AND DRUG ADMINISTRATION LABORATORY
LAKEWOOD, CO**

Prospectus Number: PCO-LAB-LA19
Congressional District: 07

Summary of Energy Compliance

This project will be designed to conform to requirements of the *Facilities Standards for the Public Buildings Service*. GSA encourages design opportunities to increase energy and water efficiency above the minimum performance criteria.

Prior Appropriations

None

Prior Committee Approvals

None

Alternatives Considered (30-year, present value cost analysis)

New Construction	\$39,221,000
Lease	\$49,540,000

The 30-year, present value cost of new construction is \$10,319,000 less than the cost of lease, an equivalent annual cost advantage of \$344,000.

Recommendation

CONSTRUCTION

**PROSPECTUS - CONSTRUCTION
FOOD AND DRUG ADMINISTRATION LABORATORY
LAKEWOOD, CO**

Prospectus Number: PCO-LAB-LA19
Congressional District: 07

Certification of Need

The proposed project is the best solution to meet a validated Government need.

Submitted at Washington, DC, on February 12, 2018

Recommended: 
Commissioner, Public Buildings Service

Approved: 
Administrator, General Services Administration