

UCO Instrumentation Facility

- New facilities are needed to support instrumentation activities of the University of California Observatories (UCO) and the Astronomy and Astrophysics Department. The current facilities (constructed in 1966 as temporary space) are out of date and deteriorating. Modern instrumentation fabrication requires additional clean rooms, stable environmental controls, secure access, and larger high-bay space.
- Constructs ~9,100 ASF of high-bay and laboratory space devoted to the assembly of electronics, optics, detector subsystems, optical coating, and mechanical fabrication including space for final assembly, integration and testing.
- Meets UCOP/UCO strategic goals and objectives to provide appropriate facilities for the fabrication and testing of larger and more advanced optical equipment for the Multi-Object Broadband Imaging Echellette (MOBIE) as well as Keck telescopes. The facility must be complete in early 2018 to meet grant obligations for the Thirty Meter Telescope (TMT).

Budget Approval

Budget Year 2014-15

Financing Assumptions

Type of Financing

Standby Financing	\$	-
Interim Financing	\$	-
External Financing		\$10,930,000

Financing Terms

Interest During Const.	\$	383,000
Bond Term		30 Years
Planning Interest Rate		6%
Estimated Annual DS		\$794,000

Repayment Fund Source

General Revenue Bonds
 Anticipated Fund Source*
 Opportunity Funds

*Fund sources for external financing shall adhere to University policy on repayment for capital projects.

Project Scope Summary

ASF	9,000
GSF	15,000

Summary of Budget by Fund Type

Funding Source	Amount
Campus Funds	\$300,000
External Financing (including Capital Leases)	\$10,930,000
Total Budget	\$11,230,000