

External Service Activities

Quick Guide to Rate Based and Sponsored Service Activities

What is an External Service Activity?

External service activities are performed by university personnel and utilize facilities and/or equipment that have excess capacity to perform work for external entities similar to tasks done on sponsored projects, but without scientific investigation and conclusions. These activities are established through either a rate base or sponsored service.

Included as external service activities

- Internal Service Activities to External Customers (testing, analysis, equipment use, etc.)
- CU work for hire / consulting
- Training to external, non-CU entities outside academic programs

Excluded from external service activities

- Consulting performed under the 1/6 rule
- General Auxiliary Sales (t-shirt/ticket sales, conference fees, etc.)
- Auxiliary enterprises such as housing, bookstore, University Memorial Center (UMC) or athletics

Benefits:

- Funding - technicians, students, equipment, etc.
- Program Mission
- Relationship development for collaborations and sponsored research
- Capability & Equipment Inventory
- Activity Promotion
- Centralized Support / Expertise



Rate Based



Sponsored Service (Scope Based)

Examples

Seepage Induced Consolidation Tests
X-Ray Diffraction
Polymer Sample Analysis
More examples on page two

Economic Analysis
Drone Display Model
School System Teacher Training
More examples on page two

Fund Management

Fund 28/29

Fund 33

Rate or Budget Characteristics

Bundled expenses that are distributed across multiple projects
Catalog type pricing
(Direct Costs + GAIR) / Unit

Budget built to project scope of work
May include average rate pricing
Direct Costs + Current F&A + Contingency for fixed price

IDC

Current GAIR (7-8%)

Current F&A (52-54%)

IDC Split

Campus receives GAIR from automation on expenses

Campus: 40%
College/Institute: 30%
PI/Lab: 30%

Process Characteristics

Supported by Budget & Fiscal Planning (BFP), Campus Controller's Office (CCO) and Office of Contracts and Grants (OCG)
Budget & Fiscal Planning to provide rate development
Annual process
Authorized quotes or agreement as required
Quarterly compliance logs
Fund 33 used if a rate based activity becomes a sponsored service activity
Sales tax may be applicable

Engage OCG Proposal Analyst
PSR & Budget Required
OCG Contract Officer Negotiates & Executes
CCO Invoices & Supports Accounting
OCG Project Management Services Available
Sales tax may be applicable
For information or questions email:
ocgservicecontracts@colorado.edu



University of Colorado **Boulder**

External Service Activity Spans



TESTING



ANALYSIS



EQUIPMENT USE



WORK-FOR-HIRE



TRAINING

Examples external service activities at CU Boulder that may involve testing, analysis and/or equipment use.

Annotation Analysis
Atomic Force Scanning Probe Microscopy & Nanomechanical Property Measurements
Centrifuge
Chemical Instruments & Thermal Characterization
Dust Accelerator
Economic Analysis
Electron Microprobe Analysis
Electron Microscopy (Standard & Specialized Transmission)
Enzyme Immunoassay Analysis
Gas Chromatography
High Temp Analysis
Light Microscopy
Limnological Analysis
Liquid Chromatography
Mass Spectrometry
Materials Research
Mechanical & Thermal Analysis
Microfluidics
MRI Spectroscopy
Next-Gen Sequencing
Optoelectronics
Polymer Characterization
Precision Measurements
Raman Spectroscopy
Structural & Materials Testing
Water Sample Analysis
X-Ray Diffraction

Examples of work-for-hire and training external service activities at CU Boulder.

Antenna Assembly
Antenna Prototypes
Curriculum Development
Electronics
Manufacturing
Professional Development
Riverware River System Modeling
UAS Flight Support Activities
Videography