

## STAFF SUMMARY RECOMMENDATION

### THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY

Fourth Amendment to Resolution No. 255

May 26, 2016

PRIOR AMOUNT APPROVED:	\$300,000,000
PRIOR APPROVAL DATES:	April 24, 2008, as amended on March 17, 2010, April 25, 2013, and April 24, 2014
FINANCING TEAM:	Please see Attachment 2 to identify possible conflicts of interest
LOCATION:	Stanford, CA, Santa Clara County

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**PURPOSE OF THE AMENDMENT:** The Board of Trustees of the Leland Stanford Junior University (“Stanford”) seeks Authority approval of a Fourth Amendment to Resolution No. 255 (the “Resolution”) to amend the authorized project list to include additional projects.

**BACKGROUND:** In April 2008, the Authority approved the Resolution for the benefit of Stanford, authorizing the issuance, from time to time, of tax-exempt commercial paper notes in an aggregate principal amount not to exceed, at any one time, \$300,000,000. Proceeds of such commercial paper notes were authorized to be used for the purposes of funding various capital projects. The Resolution was amended in March 2010, April 2013, and April 2014 to include additional projects to the authorized project list.

At this time, Stanford requests the Authority’s approval to amend the authorized project list to include additional projects, as identified in Attachment 1 of this Staff Report and Exhibit A of the Resolution.

**Environmental Benefits:** As part of Stanford’s Capital Plan, they adopted an Energy and Climate Plan, known as the “Stanford Energy System Innovations (SESI)” designed to provide the campus with a more efficient central energy facility (CEF) that would include a heat recovery design, and reduce greenhouse gas emissions and total campus water consumption. This new system was operational in April 2015 and along with Stanford’s solar power procurement, is anticipated to reduce campus emissions approximately 68% from 2014 levels and save 15% of campus potable water. The energy and cost efficiencies from the SESI project is projected to save Stanford \$420 million over the next 35 years.

**DUE DILIGENCE:** Staff has received and reviewed the Eligibility, Legal Review, Religious Due Diligence, and CEQA documentation. All documentation satisfies the Authority’s requirements.

**RECOMMENDATION:** Staff recommends that the Authority approve the Fourth Amendment to Resolution No. 255, subject to all prior provisions and conditions remaining unchanged and in full effect.

## ATTACHMENT 1

### Projects

100 Gigabyte Border Routers Upgrade  
100 Gigabyte Connectivity to Corporation for Education Network Initiatives in California (CENIC)  
1047 Campus Drive -Bathroom & Miscellaneous Repairs  
1520 Page Mill Road Tenant Improvements  
1651 Page Mill Renovation  
2370 Watson Court Tenant Improvements  
408 Panama Mall Office Building  
Academic Equipment  
Access Ramps  
Accessible Parking  
Accessible Pathways  
Accessible Restrooms  
Add Chilled Water Heat Exchanger to Highland Hall  
Administrative Systems Infrastructure  
Alumni Center Distributed Digital Control Upgrade  
Always Seismic Renovation  
Americans with Disabilities Act compliance at various buildings (ADA)  
Anderson Collection at Stanford University (formerly Anderson Gallery Building)  
Anne T. and Robert M. Bass Biology Research Building and Connective Elements  
Arguello Domestic Water Main  
Arguello Way Storm Drain Upgrade  
Arillaga Family Sport Center Backfill  
Arrillaga Family Sports Center Addition  
Backup/Storage Improvements  
Barnes Living/Learning and Security Upgrades  
Barriers Removal  
Bicycle and Pedestrian Paths & Lighting  
BioChem Quad Utilities  
Biomedical Innovation Building and Tunnel Infrastructure  
Boiler Feed Water Piping Systems  
Building Energy Retrofit Program  
Building Expansions  
Building Renovations  
C.J. Huang Building  
Campus Drive 24 inch Chilled Water - Roth/Quarry  
Campus Drive at Bowdoin Domestic Water  
Campus Drive at Galvez Domestic Water  
Campus Energy Management Control System (EMCS) Upgrade  
Campus Hot Water-Galvez to Arguello  
Campus Transit Improvements  
Capital Utilities Program (CUP)  
Central Energy Facility Eyewash Showers  
Central Energy Facility Controls Upgrade  
Central Energy Facility Distributed Control System/Instrument Upgrade  
Central Energy Facility Site Improvement/Pump house  
Central Loading Dock and Stauffer III Demolition

Chi Theta Chi Row House Renovation  
Chilled Water Extensions  
Chilled Water Heat Exchangers  
Chilled Water Metering  
CJ Huang Tenant Improvement Build-out  
Clark Center Whole Building Energy Retrofit Program  
Client/Server Hardware  
Columbae Life Safety and Code Compliance and Miscellaneous Upgrades  
Communications & Networking Systems  
Conduit-Welch Rd Reinforcement  
Copper Cable  
Crothers Way 12-Inch Domestic Waterline Replacement  
CUP - All Other  
CUP - Chilled Water  
CUP - Creek/Pump Stations  
CUP - Department Firewalls  
CUP - Domestic Water  
CUP - Fish Ladders  
CUP - Hot Water  
CUP - IT & CS  
CUP - Lake Water  
CUP - Other  
CUP - Reservoirs  
CUP - Sewer  
CUP - Steam  
CUP - Storm Drains  
CUP System Expansion and CUP System Replacement  
Current Good Manufacturing Practice (cGMP) Facility  
Data Center Power and Cooling Upgrade  
David and Joan Traitel Building and Connective Elements  
Deferred/Planned Maintenance  
Departmental Firewall Refresh  
Dolores Knob, Tube & Misc. Scope and Design  
Domestic Water Facilities  
Domestic Water Inter-Tie Upgrade  
Domestic Water Supervisory Control and Data Acquisition  
Domestic Water System Bowdoin Pressure Reducing Valve Stations  
Domestic Water Transmission  
Drainage  
Drainage System Upgrades  
Dry Land Diving Facility  
Durand Knob, Tube & Misc. Scope and Design  
Edwards Seismic Retrofit  
El Camino Swale Rehab  
Electric Motor Replacement  
Electric Vehicle Service Equipment Expansion Project  
Electrical Smart Meters  
Electrical Upgrade Backlog Scope & Design  
Electricity Metering Projects  
Electronic Communications Hub (ECH)/Enterprise Data Center Cable & Conduit  
Electronic Communications Hub Improvement & Expansions - East Campus

Elevator Upgrade  
Elevators  
Emergency Generators and Fueling Project  
Emergency Management & Control Systems (EMCS)  
Energy Retrofit Program  
Energy Retrofit Program - Medical School of Business Air Handler  
Energy Retrofit Program Heating, Ventilation and Air Conditioning Upgrades at Arillaga  
Center for Sports and Recreation  
Energy Retrofit Program Heating, Ventilation and Air Conditioning Upgrades at Arillaga  
Family Sports Center  
Energy Retrofit Program-Maples Control System  
Escondido Road Lake Water  
Escondido South Hot Water Line  
Escondido South Interiors Reno  
Escondido Village Barnes Sprinkler, Roof & Miscellaneous  
Escondido Village Graduate Residences and Parking Garage  
Escondido Village High-rise Sprinklers Installation  
Escondido Village Hulme Midrise Renovation  
Escondido Village Low-Rise Fire Alarm  
Escondido Village Site Lighting  
Escondido Village Slab Heat Renovation  
Escondido Village Slab Replacement  
Exterior Backlog Scope & Design  
Exterior Backlog Stern Windows  
Fiber cables  
Fire Alarms  
Forsythe Fiber and Managed Machine Room Switch  
Freidenrich Center for Translation Research  
Fremont Road Longitudinal Welded Pipe Upgrade  
French Knob, Tube & Misc. Scope and Design  
Furniture Fixture & Equipment (FF&E) & Vehicles  
Galvez Mall Lake Water Pipe  
Galvez Street Storm Drain Upgrade  
Garbage Disposal Code Upgrades and Grease Containment  
Gender-Neutral Restroom Conversions  
General Use Permit (GUP) Mitigation Projects  
Governor's Corner Interim improvement  
Governor's Corner Renovation  
Graduate School of Business Bio-Retention Renewal  
Grove Life Safety and Code Compliance and Miscellaneous Upgrades  
Heating, Ventilation, and Air Conditioning (HVAC)  
Highland Hall (formerly, Stanford Graduate School of Business Graduate Residences,  
formerly Graduate School of Business Housing Expansion)  
High Voltage Cable Replacement  
High Voltage (HV) Infrastructure Upgrade and HV Transmission System Improvements  
High Voltage Replacements  
High Voltage Supervisory Control and Data Acquisition (SCADA) Upgrades  
Hoskins Sprinkler, Living/Learning, Security Upgrade  
Hot Water Pipe Via Ortega, Via Pueblo  
Information Technology & Communication Systems  
Information Technology System (ITS) Communications Cable

Information Technology System (ITS) Communications Conduit  
Information Technology System (ITS) Conduit - Conduit to Scientific Research Computing Facility  
Information Technology System (ITS) Fiber to Scientific Research Computing Facility @ SLAC  
Information Technology System (ITS) Improvements  
Information Technology System (ITS) Networking Systems Cable  
Infrastructure Improvements  
Infrastructure Upgrade  
Infrastructure Upgrade Lagunita  
Interiors Backlog Hammarskjold  
Interiors Backlog Scope & Design  
Interiors Backlog Toilet Retrofits Hulme  
Interiors Backlog Toilet Retrofits Phi Sigma  
Interiors Backlog Toilet Retrofits Synergy  
Irrigation System Upgrade  
ITS Conduit for New Northwest Data Center and Communications Hub  
ITS Conduit: New Windhover  
ITS Conduit: New Bass Building  
ITS Conduit: Porter Drive  
ITS Copper: AT&T Minimum Point of Entry Copper  
ITS Copper: New Manzanita Residences  
ITS Copper: New McMurtry Building  
ITS Fiber for New Northwest Data Center and Communications Hub  
ITS Fiber: Beckman - Fairchild  
ITS Fiber: Forsythe-Polya  
ITS Fiber: Jenkins - Mirrielee  
ITS Fiber: Jenkins to Rains  
ITS Fiber: Maples to Police Compound  
ITS Fiber: Medical Electronic Communications Hub to Beckman  
ITS Fiber: New Manzanita Residences  
ITS Fiber: New McMurtry Building  
ITS Fiber: Northwest Data Center and Communications Hub to Puichon  
ITS Fiber: Press Electric Communication Hub Reinforcements  
ITS Fiber: Quad Electric Communication Hub-Aero/Astro  
ITS Fiber: Quad Electric Communication Hub-Li Ka Shing Center  
ITS Fiber: Sunken Diamond  
ITS Fiber: West Electronic Communications Hub - Pine Hall  
ITS Fiber: Stadium to Maples  
ITS Fiber: East Electric Communications Hub-Bonair Electric Communication Hub  
ITS Fiber: East Electric Communications Hub-Jenkins Electric Communications Hub  
ITS Fiber: Haas 0.1 to Mayfield  
ITS Fiber: Medical Electric Communication Hub Reinforcement  
ITS Fiber: Northwest Data Center Communications Hub Electric Communications Hub to Beckman  
ITS Fiber: Press Electric Communications Hub-Bldg 02-500  
Jen-Hsun Huang Engineering Center  
Junipero Serra Boulevard Lake Water Lake Lagunita to Campus East  
Junipero Serra Boulevard Lake Water Replacement Fremont to Lake Lagunita  
Kairos Knob, Tube & Misc. Scope and Design  
Knight Management Center

Knob, Tube & Misc. Scope and Design Projects  
Lagunita Bathrooms Upgrade  
Lagunita Court Refurbishment  
Lagunita Lakeside Patio Pergola  
Lake Water Filtration  
Lake Water Supervisory Control and Data Acquisition  
Lasuen Knob & Tube & Misc. Upgrades Scope and Design  
Li Ka Shing Center for Learning & Knowledge  
Life Safety and Code Compliance and Miscellaneous Upgrades  
Life Safety and Code Compliance Backlog  
Life Safety and Code Compliance Backlog - Haus Mitteleuropa  
Life Safety and Code Compliance Backlog - Synergy  
Life Safety and Code Compliance Fire Alarms  
Life Safety and Code Compliance Fire Alarms - STERN BURBANK  
Life Safety and Code Compliance - Fire Alarms-STERN DONNER  
Life Safety and Code Compliance-Fire Alarms-STERN LARKN N  
Life Safety and Code Compliance-Fire Alarms-STERN LARKN W  
Life Safety and Code Compliance-Fire Alarms-STERN SERRA  
Life Safety and Code Compliance-Fire Alarms-STERN TWAIN E  
Life Safety and Code Compliance-Fire Alarms-STERN TWAIN N  
Life Safety and Code Compliance-Fire Alarms-STERN ZAPATA  
Life Safety and Code Compliance - Fire Sprinklers  
Life Safety and Code Compliance Fire Sprinklers - FRENCH HOUSE  
Life Safety and Code Compliance Fire Sprinklers - BARNES  
Life Safety and Code Compliance Fire Sprinklers - Escondido Village Center  
Life Safety and Code Compliance Fire Sprinklers - HULME  
Life Safety and Code Compliance Fire Sprinklers - MIRRIELEES  
Life Safety and Code Compliance Fire Sprinklers - SAE  
Living/Learning Upgrades  
Loading Docks  
Lorry I Lokey Stem Cell Research Building  
Manzanita Park Refurbishment  
Manzanita Undergraduate Dormitory (formerly New Manzanita Undergraduate Dormitory)  
Manzanita, Graduate School of Business Housing, Schwab Hot Water  
Mars Knob, Tube & Misc. Scope and Design  
McCullough Energy Efficiency  
Mechanical, Electrical and Plumbing, Sewer & Exterior Infrastructure  
Meters & Backflow Preventer  
Meters and Backflows  
Miranda Avenue Domestic Water System Reconfiguration  
Miranda Domestic Water Upgrade  
Muwekma Life Safety and Code Compliance and Miscellaneous Upgrades  
Network Taps  
Network-Backbone  
Networking Load Balancer System  
Networking Special Projects  
New Buildings  
New Dining & Kitchens and Renovations  
New Residences at Lagunita Court (formerly Lagunita Court Addition)  
New Water Well #3  
New Wells & Rehabilitations

Northwest Data Center and Communications Hub  
Northwest Data Center and Communications Hub Computer Cabinet Buildout  
On Campus Photovoltaics  
Outdoor Lighting LED Retrofit  
Panama Street Utility Relocation  
Paul Allen Building Annex Distributed Digital Control Upgrade  
Paul Allen Building Distributed Digital Control Upgrade  
Phi Psi Knob, Tube & Misc. Scope and Design  
Photovoltaics Power Generation  
Pump Stations  
Rains Houses Renovation  
Recycled Water System  
Refrigerant Leak Alarm System  
Renovation /Refresh-Escondido Village South Interiors  
Renovations and Seismic Projects  
Replacement Boiler Plant  
Replacement Central Energy Facility Site Camera and Card Reader Addition  
Research Animal Facility 1 and Research Animal Facility 2 Rehabilitation & Retrofit  
Residential & Dining Enterprise (R&DE) Deferred Maintenance Backlog projects  
Residential & Dining Enterprise (R&DE) Major Renovation Plan (formally Capital Project Program (CPP) and Capital Improvement Program (CIP))  
Residential Computing Wireless  
Roads  
Roble Dining Hall Expansion  
Roble/Lagunita Outdoor Dining Enhancements  
Roof Replacement  
Roofs and Maintenance Equipment Backlog Construction Stern  
Roofs and Maintenance Equipment Backlog Scope & Design  
Roofs and Maintenance Equipment Backlog- Synergy  
Roth Knob, Tube & Misc. Scope and Design  
Row House Kitchen Replacements  
Row House Knob/Tube & Miscellaneous Upgrade  
Row House Renovations  
Row Kitchen Renovations  
Salvatierra St Domestic Water Replacement  
San Juan Hill Drainage Improvements  
San Juan Reservoir Rehabilitation  
Sanitary Sewer Rehabilitation  
Science Teaching and Learning  
Scientific Research Computing Facility - Backbone and Firewall Refresh  
Scientific Research Computing Facility "Uplift" Racks Refresh  
Sewer and Domestic Water Line Replacement  
Sewer Replacement - Galvez  
Shriram Center for Bioengineering and Chemical Engineering  
Siebel Golf Practice Remodeling  
Sigma Nu Knob, Tube & Misc. Scope and Design  
Site Improvements  
Slab Heating Replacement  
Slavianski Dom Life Safety and Code Compliance and Miscellaneous Upgrade  
Software Systems  
Special Fast Track Cable

Stadium Field House  
Stanford Ave Storm Drain Replacement  
Stanford CheM-H and the Stanford Neurosciences Institute (SNI) (formerly Chemical Biology/Neurosciences)  
Stanford Energy System Innovation & High Voltage Substation  
Stanford Energy System Innovation Piping & Building Conversion  
Stanford in Redwood City  
Stanford Infrastructure Program (SIP)  
Steam Metering  
Stern Hall Window Replacement  
Stern Larkin Resident Fellow Apartment Expansion/Reconfiguration/Renovation  
Stern-Twain Resident Fellow Apartment Expansion and Renovation  
Storm Drain Improvements  
Storm Drainage  
Supervisory Control and Data Acquisition (SCADA) System Upgrade  
Sweet Hall/Galvez Lake Water Upgrade  
Trails  
Undergraduate Housing and Dining  
Underground Utilities Infrastructure Improvements  
Uninterruptable Power Supply (UPS)  
University Terrace (previously named California Avenue Homes)  
Utility Metering, Billing, Reporting and Sustainability Systems Integration  
Utility Upgrades Site & Safety Improvements  
Waste Collection System  
Water Conservation & Recycling Plan Implementation  
Water Conservation Program  
Water Mains  
Water Wells Rehabilitation  
Well 3R Electrical Upgrade  
West Campus Detention Facilities  
Whole Building Energy Retrofit Program (WBERP)  
Whole Building Energy Retrofit Program (WBERP) – Mechanical Engineering Research Lab (MERL)  
Whole Building Energy Retrofit Program (WBERP) - Varian  
William H. Neukom Building (Law School Clinics & Faculty Office Building)  
Wireless Access Points for Central Energy Facility and Substation  
Wireless Infrastructure  
Wiremold Replacement  
Yang & Yamazaki Environment and Energy Building



## ATTACHMENT 2

### Financing Team

The Board of Trustees of the Leland Stanford Junior University  
Commercial Paper Notes

Borrower:	The Board of Trustees of the Leland Stanford Junior University
Agent for Sale:	California State Treasurer
Issuer's Counsel:	Attorney General's Office
Bond Counsel:	Orrick, Herrington & Sutcliffe LLP
Issuer's Financial Advisor	Public Financial Management, Inc.
Dealers:	Goldman, Sachs & Co. Barclays Capital Inc.
Borrower's Counsel:	Ropes and Gray, LLP
Paying Agent:	US Bank, NA
Rating Agencies:	Moody's Investors Service Standard & Poor's Fitch Ratings
Auditor to the Borrower:	PricewaterhouseCoopers LLP

**FOURTH AMENDMENT TO RESOLUTION NO. 255**

**RESOLUTION OF THE CALIFORNIA EDUCATIONAL FACILITIES  
AUTHORITY AMENDING THE PROJECTS SET FORTH IN  
RESOLUTION NO. 255, AS AMENDED, AUTHORIZING THE  
ISSUANCE FROM TIME TO TIME OF COMMERCIAL PAPER  
REVENUE NOTES TO FINANCE AND/OR TO REFINANCE  
EDUCATIONAL FACILITIES FOR THE BOARD OF TRUSTEES OF  
THE LELAND STANFORD JUNIOR UNIVERSITY**

May 26, 2016

**WHEREAS**, the California Educational Facilities Authority (the “Authority”), a public instrumentality of the State of California, is authorized and empowered by the provisions of the California Educational Facilities Authority Act (the “Act”) to issue bonds, notes, debentures or other securities, including commercial paper notes, to finance and refinance the acquisition, construction, expansion, rehabilitation, remodeling, renovation and equipping of educational facilities by participating private colleges (as defined in the Act) situated within the State of California;

**WHEREAS**, The Board of Trustees of the Leland Stanford Junior University (the “Borrower”) applied to the Authority for the issuance of its commercial paper notes in an aggregate principal amount not to exceed \$300,000,000 (the “Commercial Paper Notes”), to be issued from time to time on behalf of the Borrower to provide financial assistance to the Borrower to finance and refinance the acquisition, construction, expansion, rehabilitation, remodeling, renovation and equipping of certain of the Borrower’s educational facilities, as more fully described in Exhibit A attached to and incorporated in the Commercial Paper Resolution and the Amendments to the Resolution (each as defined below) (collectively, the “Prior Projects”);

**WHEREAS**, the Authority authorized the Commercial Paper Notes with the adoption of Resolution No. 255 on April 24, 2008 (the “Commercial Paper Resolution”);

**WHEREAS**, on March 17, 2010, on April 25, 2013 and on April 24, 2014, the Authority adopted resolutions amending the projects described in Exhibit A attached to the Commercial Paper Resolution (collectively, the “Amendments to the Resolution”);

**WHEREAS**, the Borrower has determined that it is desirable to amend the projects for which the Commercial Paper Notes will be issued from time to time on behalf of the Borrower to provide financial assistance to the Borrower to finance and refinance the acquisition, construction, expansion, rehabilitation, remodeling, renovation and equipping of certain of the Borrower’s educational facilities, more fully described in Exhibit A attached hereto and incorporated herein (the “Projects”); and

**WHEREAS**, the Borrower has provided documentation to the Authority demonstrating that all parts of the Projects have complied with Division 13 (commencing with Section 21000) of the Public Resources Code, or are not projects under that division;

**NOW, THEREFORE, BE IT RESOLVED** by the California Educational

Facilities Authority as follows:

**Section 1** The Commercial Paper Resolution, as amended by the Amendments to the Resolution, is hereby supplemented and amended as follows: (a) Exhibit A, which describes the Prior Projects, as attached to the Commercial Paper Resolution, as amended by the Amendments to the Resolution, and referred to in the fourth WHEREAS clause of the Commercial Paper Resolution, shall be amended by Exhibit A, which describes the Projects, attached hereto and incorporated herein; (b) Section 15 is added to the Commercial Paper Resolution and reads: “Section 15. The provisions of the Authority’s Resolution No. 2014-03 apply to the documents and actions approved in this Resolution” and (c) Section 16 is added to the Commercial Paper Resolution and reads: “Section 16. The aggregate principal amount of Commercial Paper Notes Outstanding at any one time shall not exceed the difference between \$550,000,000 and the aggregate principal amount of California Educational Facilities Authority Revenue Bonds (Stanford University) Series U-7 originally issued.””

**Section 2** Except as herein amended and supplemented, all of the findings, terms and provisions of the Commercial Paper Resolution, as amended by the Amendments to the Resolution, are hereby ratified, confirmed and approved.

**Section 3** This amendment shall take effect from and after the date of adoption.

Date of Adoption:

## EXHIBIT A

### PROJECTS DESCRIPTION

“*Projects*” means, collectively, all of the projects listed in Exhibit A to the original Commercial Paper Resolution, as amended by the Amendments to the Resolution, which are incorporated herein by reference, plus the following additional educational facilities of the Borrower, but only to the extent that the cost thereof has been financed or refinanced from proceeds of the Commercial Paper Notes:

100 Gigabyte Border Routers Upgrade  
100 Gigabyte Connectivity to Corporation for Education Network Initiatives in California (CENIC)  
1047 Campus Drive -Bathroom & Miscellaneous Repairs  
1520 Page Mill Road Tenant Improvements  
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2370 Watson Court Tenant Improvements  
408 Panama Mall Office Building  
Academic Equipment  
Access Ramps  
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Add Chilled Water Heat Exchanger to Highland Hall  
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Dolores Knob, Tube & Misc. Scope and Design  
Domestic Water Facilities  
Domestic Water Inter-Tie Upgrade

Domestic Water Supervisory Control and Data Acquisition  
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Escondido Village Low-Rise Fire Alarm  
Escondido Village Site Lighting  
Escondido Village Slab Heat Renovation  
Escondido Village Slab Replacement  
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Exterior Backlog Stern Windows  
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Freidenrich Center for Translation Research  
Fremont Road Longitudinal Welded Pipe Upgrade  
French Knob, Tube & Misc. Scope and Design

Furniture Fixture & Equipment (FF&E) & Vehicles  
Galvez Mall Lake Water Pipe  
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Jen-Hsun Huang Engineering Center  
Junipero Serra Boulevard Lake Water Lake Lagunita to Campus East  
Junipero Serra Boulevard Lake Water Replacment Fremont to Lake Lagunita  
Kairos Knob, Tube & Misc. Scope and Design  
Knight Management Center  
Knob, Tube & Misc.. Scope and Design Projects  
Lagunita Bathrooms Upgrade  
Lagunita Court Refurbishment  
Lagunita Lakeside Patio Pergola  
Lake Water Filtration  
Lake Water Supervisory Control and Data Acquisition  
Lasuen Knob & Tube & Misc. Upgrades Scope and Design  
Li Ka Shing Center for Learning & Knowledge  
Life Safety and Code Compliance and Miscellaneous Upgrades  
Life Safety and Code Compliance Backlog  
Life Safety and Code Compliance Backlog - Haus Mitteleuropa  
Life Safety and Code Compliance Backlog - Synergy  
Life Safety and Code Compliance Fire Alarms  
Life Safety and Code Compliance Fire Alarms - STERN BURBANK  
Life Safety and Code Compliance - Fire Alarms-STERN DONNER  
Life Safety and Code Compliance-Fire Alarms-STERN LARKN N  
Life Safety and Code Compliance-Fire Alarms-STERN LARKN W



Life Safety and Code Compliance-Fire Alarms-STERN SERRA  
Life Safety and Code Compliance-Fire Alarms-STERN TWAIN E  
Life Safety and Code Compliance-Fire Alarms-STERN TWAIN N  
Life Safety and Code Compliance-Fire Alarms-STERN ZAPATA  
Life Safety and Code Compliance - Fire Sprinklers  
Life Safety and Code Compliance Fire Sprinklers - FRENCH HOUSE  
Life Safety and Code Compliance Fire Sprinklers - BARNES  
Life Safety and Code Compliance Fire Sprinklers - Escondido Village Center  
Life Safety and Code Compliance Fire Sprinklers - HULME  
Life Safety and Code Compliance Fire Sprinklers - MIRRIELEES  
Life Safety and Code Compliance Fire Sprinklers - SAE  
Living/Learning Upgrades  
Loading Docks  
Lorry I Lokey Stem Cell Research Building  
Manzanita Park Refurbishment  
Manzanita Undergraduate Dormitory (formerly New Manzanita Undergraduate  
Dormitory)  
Manzanita, Graduate School of Business Housing, Schwab Hot Water  
Mars Knob, Tube & Misc. Scope and Design  
McCullough Energy Efficiency  
Mechanical, Electrical and Plumbing, Sewer & Exterior Infrastructure  
Meters & Backflow Preventer  
Meters and Backflows  
Miranda Avenue Domestic Water System Reconfiguration  
Miranda Domestic Water Upgrade  
Muwekma Life Safety and Code Compliance and Miscellaneous Upgrades  
Network Taps  
Network-Backbone  
Networking Load Balancer System  
Networking Special Projects  
New Buildings  
New Dining & Kitchens and Renovations  
New Residences at Lagunita Court (formerly Lagunita Court Addition)  
New Water Well #3  
New Wells & Rehabilitations  
Northwest Data Center and Communications Hub  
Northwest Data Center and Communications Hub Computer Cabinet Buildout  
On Campus Photovoltaics  
Outdoor Lighting LED Retrofit  
Panama Street Utility Relocation  
Paul Allen Building Annex Distributed Digital Control Upgrade  
Paul Allen Building Distributed Digital Control Upgrade  
Phi Psi Knob, Tube & Misc. Scope and Design  
Photovoltaics Power Generation  
Pump Stations  
Rains Houses Renovation

Recycled Water System  
Refrigerant Leak Alarm System  
Renovation /Refresh-Escondido Village South Interiors  
Renovations and Seismic Projects  
Replacement Boiler Plant  
Replacement Central Energy Facility Site Camera and Card Reader Addition  
Research Animal Facility 1 and Research Animal Facility 2 Rehabilitation & Retrofit  
Residential & Dining Enterprise (R&DE) Deferred Maintenance Backlog projects  
Residential & Dining Enterprise (R&DE) Major Renovation Plan (formally Capital Project Program (CPP) and Capital Improvement Program (CIP))  
Residential Computing Wireless  
Roads  
Roble Dining Hall Expansion  
Roble/Lagunita Outdoor Dining Enhancements  
Roof Replacement  
Roofs and Maintenance Equipment Backlog Construction Stern  
Roofs and Maintenance Equipment Backlog Scope & Design  
Roofs and Maintenance Equipment Backlog- Synergy  
Roth Knob, Tube & Misc. Scope and Design  
Row House Kitchen Replacements  
Row House Knob/Tube & Miscellaneous Upgrade  
Row House Renovations  
Row Kitchen Renovations  
Salvatierra St Domestic Water Replacement  
San Juan Hill Drainage Improvements  
San Juan Reservoir Rehabilitation  
Sanitary Sewer Rehabilitation  
Science Teaching and Learning  
Scientific Research Computing Facility - Backbone and Firewall Refresh  
Scientific Research Computing Facility "Uplift" Racks Refresh  
Sewer and Domestic Water Line Replacement  
Sewer Replacement - Galvez  
Shriram Center for Bioengineering and Chemical Engineering  
Siebel Golf Practice Remodeling  
Sigma Nu Knob, Tube & Misc. Scope and Design  
Site Improvements  
Slab Heating Replacement  
Slavianski Dom Life Safety and Code Compliance and Miscellaneous Upgrade  
Software Systems  
Special Fast Track Cable  
Stadium Field House  
Stanford Ave Storm Drain Replacement  
Stanford CheM-H and the Stanford Neurosciences Institute (SNI) (formerly Chemical Biology/Neurosciences)  
Stanford Energy System Innovation & High Voltage Substation

Stanford Energy System Innovation Piping & Building Conversion  
Stanford in Redwood City  
Stanford Infrastructure Program (SIP)  
Steam Metering  
Stern Hall Window Replacement  
Stern Larkin Resident Fellow Apartment Expansion/Reconfiguration/Renovation  
Stern-Twain Resident Fellow Apartment Expansion and Renovation  
Storm Drain Improvements  
Storm Drainage  
Supervisory Control and Data Acquisition (SCADA) System Upgrade  
Sweet Hall/Galvez Lake Water Upgrade  
Trails  
Undergraduate Housing and Dining  
Underground Utilities Infrastructure Improvements  
Uninterruptable Power Supply (UPS)  
University Terrace (previously named California Avenue Homes)  
Utility Metering, Billing, Reporting and Sustainability Systems Integration  
Utility Upgrades Site & Safety Improvements  
Waste Collection System  
Water Conservation & Recycling Plan Implementation  
Water Conservation Program  
Water Mains  
Water Wells Rehabilitation  
Well 3R Electrical Upgrade  
West Campus Detention Facilities  
Whole Building Energy Retrofit Program (WBERP)  
Whole Building Energy Retrofit Program (WBERP) – Mechanical Engineering  
Research Lab (MERL)  
Whole Building Energy Retrofit Program (WBERP) - Varian  
William H. Neukom Building (Law School Clinics & Faculty Office Building)  
Wireless Access Points for Central Energy Facility and Substation  
Wireless Infrastructure  
Wiremold Replacement  
Yang & Yamazaki Environment and Energy Building