# LSCC Industry Day 2024

15 February 2024



Stanford University



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Agenda	8:30 - 8:40 AM	Welcome & Business Rules Stacy Fitzgibbon, LSCC Project Manager
	8:40 - 9:00 AM	<b>LSCC Project Overview</b> Stacy Fitzgibbon, LSCC Project Manager
	9:00 - 9:10 AM	<b>LSCC Programming</b> Matt Christopher, LSCC Design Manager
	9:10 - 9:25 AM	Q&A (15 mins)
	9:25 – 9:35 AM	<b>SLAC Mission and Vision</b> Vitaly Yakimenko, Deputy Director Projects and Infrastructure
	9:35 - 9:45 AM	<b>Quality Assurance</b> Harri Emari, Quality Assurance Manager
	9:45 – 9:55 AM	SLAC Safety & Work Planning Control Greg Johnson, ESH
	9:55 – 10:15 AM	<b>LSCC Design Build Subcontract – Procurement Overview</b> Doreen Agbayani, Procurement Specialist
	10:15 - 10:30 AM	Q&A (15 mins)
SI AC	10:30 - 12:00 PM	LSCC Site Tour

### EMERGENCY EVACUATION PLAN

#### 051 - Kavli Building **Ground Floor** FIRE 1. REPORT THE FIRE • Call 911 on a SLAC phone • Use a Fire Alarm Pull Station if available 2. CONFINE THE FIRE Close doors to confine the fire 3. EVACUATE IF SAFE (YOUR JUDGMENT) • Feel upper part of door-if it is hot do not open it Open door slowly if it is not warm Use stairway—never use elevators 4. GO TO THE EVACUATION ASSEMBLY AREA 103 114F 114G 114I 114J 114C Women's Rm · Report missing persons to the leader 114D 114E 114H 114B EARTHQUAKE 1-HALL-D 1140 114M 114A 1. DUCK 114L Huddle Area 2. FIND SAFE COVER AND HOLD 114N Elev 114P Break Area 101 Rm. 101 Keep away from windows AIR-E Equip Rm FACP Waste Recycling 119 Keep away from shelving 117 Shower & Rest Rm Keep away from heavy objects 1-HALL-B • Do not use the Fire Alarm Pull Station 112 ch Ri 3. EVACUATE IF SAFE (YOUR JUDGMENT) 111 /er 104 STAIR-W Men's Rm Use stairway—never use elevators 4. GO TO THE EVACUATION ASSEMBLY AREA 1人 · Report missing persons to the leader YOU ARE HERE (ullet)EXIT The Evacuation Assembly Area is Located S of Bldg 051 in the grass "Quad" area FIRE EXTINGUISHER AUTOMATED FIRE ALARM AED 1. GO TO YOUR EVACUATION ASSEMBLY AREA **EVACUATION** EXTERNAL CONTROL FACP G ASSEMBLY DEFIBRILLATOR PANEL • The evacuation assembly area for Bldg 051 is located S of building 051 (Kavli Bldg) in the grass AREA "Quad" area · Report missing and injured persons to the assembly leader

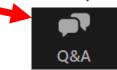
11/20/18 L.Lougee / R.Kerwin / B.Fuss

### **Business Rules - In Person**

- Please use a microphone provided by one of the runners to ask questions so those attending online can hear.
- Hold questions until Q&A time.
- Silence cell phones.
- Spread out, mask, and use hand sanitizer, as needed.

## **Business Rules - Online**

- Attendees' microphones will be automatically muted.
- Q&A: If you have questions, please .....
  - Enter questions into the <u>Q&A Panel</u> found in the bottom bar of the Webinar at any time during the presentations.
  - Do not ask questions in the chat window.
- Questions will be answered during the Q&A sessions or at the end of the Webinar.
- Questions and responses will be sent to all participants following the Webinar.
- The meeting will be recorded to ensure all questions are captured.
- If you have a technical issue, please use the chat feature to contact Stefanie Myhre or Matt Mezzetta.



# Large Scale Collaboration Center Project Overview

Stacy Fitzgibbon, Project Manager 15 February 2024



Stanford University



## Large Scale Collaboration Center (LSCC)

### New one to two story design-build science collaboration facility (24,000-30,000 GSF)

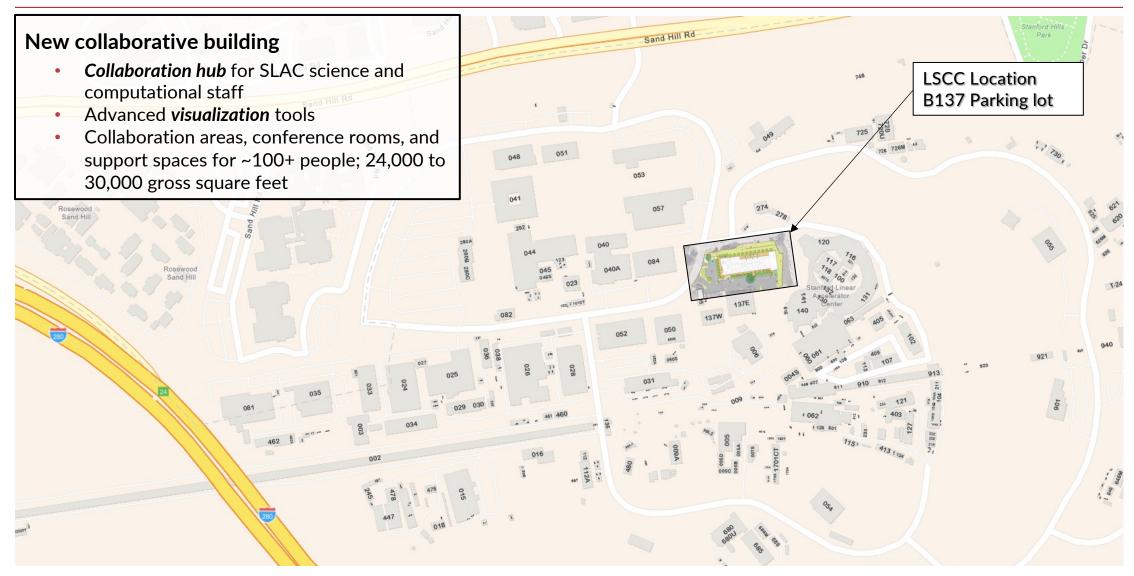
- Design to Cost \$42 Million
- LEED Gold and High-Performance Sustainable Building (HPSB)
- All Electric Design
- Collaborative and Flexible Environment





LSCC: Central hub for interdisciplinary collaboration

## LSCC – Site Overview



## LSCC – Conceptual Rendering, Exterior



VIEW OF ENTRY FROM NORTHWEST APPROACH



VIEW OF ENTRY FROM SOUTHWEST APPROACH



## LSCC – Conceptual Renderings, Interior





VIEW OF ENTRY LOBBY

VIEW OF CENTRAL OPEN COLLABORATION AREA





LSCC INDUSTRY DAY, FEBRUARY 15<sup>TH</sup>, 2024



VIEW OF COLLABORATION OUTSIDE OF OFFICES

# LSCC – Scope

### **Mission Critical Goals (mandatory requirements)**

- 1. Meet building program within a 24,000 Gross Square Foot (GSF) building
- 2. High Performance Sustainable Building (HPSB)
- 3. LEED Gold certified building
- 4. All Electric Design
- 5. Enhance SLAC's collaborative culture and allow Collaboration with Users and Visitors
- 6. Flexible Workspace within a Flexible and Expandable Building
- 7. Provide a state-of-the-art Visualization Lab
- 8. Attain Safe Work Performance/Safe Design practices
- 9. Optimize energy performance of a minimum of 30% of measurable ASHRAE 90.1
- 10. Provide code-compliant accessible parking and electric vehicle charging stations along an accessible circulation path to the building



## LSCC – Scope

### **Highly Desirable Goals**

1. Maximize building square footage - Provide a building that is greater than 28,000 GSF

(bidders are encouraged to exceed the 24,000 GSF minimum requirement as

demonstrated in the DGN programming list.)

2. Provide furnished and equipped exterior work and collaboration spaces at outdoor balcony/terrace

- 3. Support flexibility for Future Technologies and Future Staff
- 4. Support building amenities program with upgraded/enhanced finishes and architectural design for user and employees
- 5. Improved Energy Performance
  - a. 45% better performance than ASHRAE 90.1
  - b. 50% better performance than ASHRAE 90.1
- 6. Visual Displays of Current Energy Efficiency and Energy Star "Super Star"/ "Plus"
- 7. Net-Zero Energy Use and waste

8. Provide enhanced exterior work and collaboration spaces through the introduction of landscape and furnishing elements at grade level



# **Project Expectations**

### Design-Build Team

- Safety
- Project Management Software
- CPM Schedule Updates
- Schedule of Values
- Monthly Reports
- Submittal Register
- OAC Meetings
- QC Management
- BIM
- Commissioning
- LEED/HPSB
- Design Submittals/Packages

SLAC LSCC INDUSTRY DAY, FEBRUARY 15<sup>TH</sup>, 2024

### **SLAC** Team

- Third Party Commissioning Agent
- Third Party Testing & Inspection Agency
- SLAC Safety and Quality Assurance
- Geotech Report Dated 1/20/21
- Vibration Analysis Reports Dated 4/26/22 & 2/2/23
- Building Inspection Office
- Project Support from immediate team and SME's
- Design Guidelines Narrative (Basis of Design)

Reference Appendix's Including: SOW, Division 1 specifications and Design Guidelines



# Large Scale Collaboration Center Programming

Matt Christopher, LSCC Design Manager 15 February 2024



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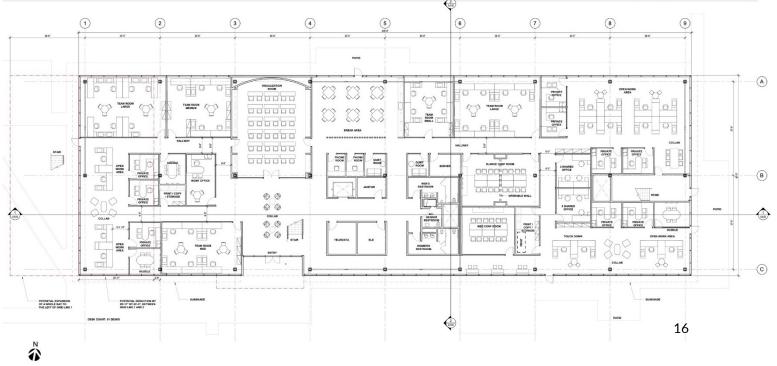


### LSCC – Architectural Design – Initial Concept

- Initial design concepts were more program-focused, meeting the functional space needs of the project in a more traditional office building layout
- Several questions prompted a fresh look at the building's design:
  - How can the design provide better support for a collaborative focus?
  - Can the building be more responsive to the site and climate at SLAC?

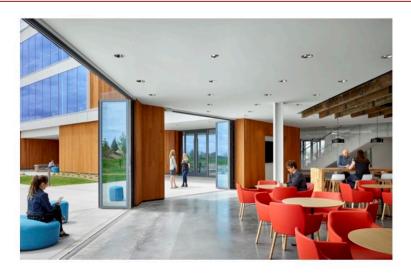
LSCC INDUSTRY DAY, FEBRUARY 15<sup>TH</sup>, 2024

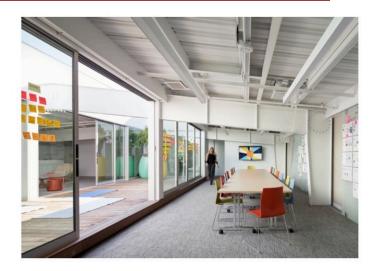




### LSCC – Architectural Design – Indoor/Outdoor Opportunities









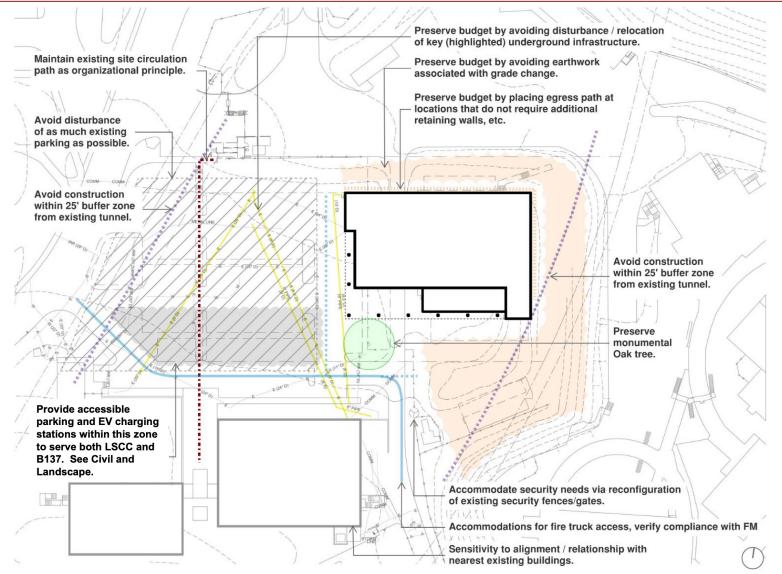




### LSCC – Architectural Design – Indoor/Outdoor Opportunities



### LSCC – Architectural Design – Site Constraints

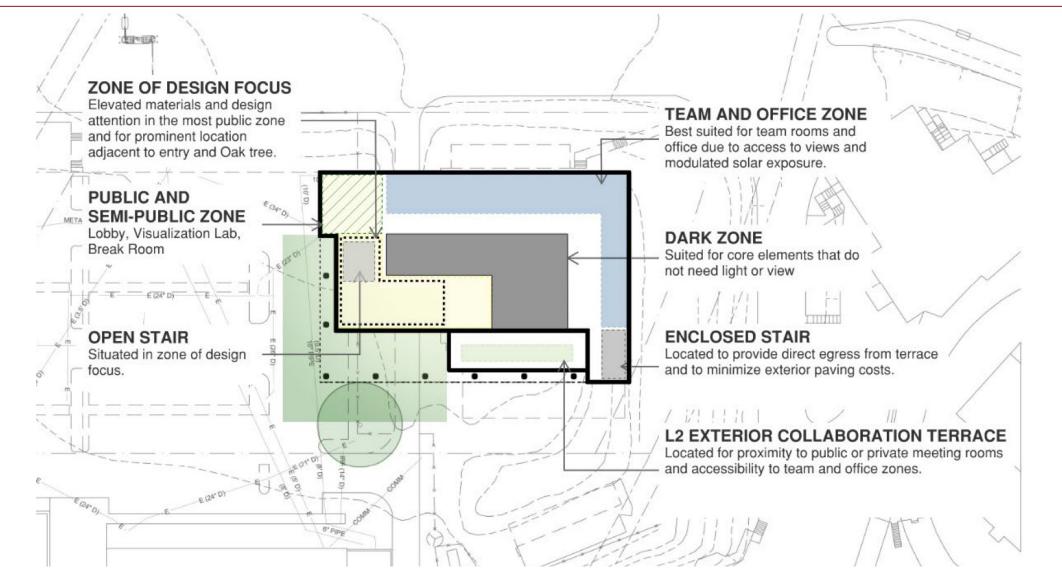


### LSCC – Architectural Design – Building Massing

#### MECHANICAL EQUIPMENT ZONE Enclosed with opague metal screen on posts that is high enough to conceal most if not all equipment. Provide low profile trim at metal screen corners and intersections, and concealed access doors. Provide equipment and access pads as required. Locate screened area to the NORTH AND EAST FACADES north and east to maintain architectural expression of horizontality upon Formed metal panel or plaster with punched approach from the south and west. windows (blue outlines). Consider solar 80'-0" 106'-0' impact on the east, possibly inset windows ELEVATOR OVER RUN or sun shades. Hide / contain within roof screen ROOF White membrane, with cover board and 26'-0' rigid insulation. Provide equipment and FACADE AT STAIR access pads as required. Potential to make this stair open to the exterior via a monumental punch while still respecting the monumental CMU SOLID FACADE AT "PIERS" mass that it's carved from. 24"x8" stacked bond CMU at vertical piers at NW and SE corners. Outlined in orange. 91'-0' **GLAZING AT SE CORNER** Express this zone with curtainwall at both levels and at L2 terrace. TERRACE Provide access to the terrace with glazed doors. Mullions shall Railing: Cable railing or laminated have alignment / consistent relationship with columns and other glass. Pedestal pavers to visually adjacent assemblies. match those at building entry FACADE BENEATH TERRACE Elevated material due to proximity to main entrance. Consider formed metal panel or storefront glazing. 75 kW PV CANOPY Q-Cell, Maxeon or equal PV panel on Snap-'n-Rack system with pedestals thermally welded to roof membrane. Verify dimensional SOFFIT access-ways, tie-offs and achieve safety requirements without use Provide metal panel soffit or cement of railings. Placement should reinforce building parti and maintain GENERAL NOTE ON plaster with joints and recessed relationship with facade undercut. downlights that have an organized MATERIAL COLOR / TONE relationship with curtainwall and column Select materials that relate to ALTERNATE ROOF FEATURE grid. Lighting shall provide code precedents on campus (see "Campus If other means of achieving PV required lighting as well as enhance Context: Kit of Parts" page). Architect requirement are pursued (different safety and visual enhancement. If is expected to work together with SLAC locations, parking canopy, etc), mass timber option is pursued, expose to navigate options and choose consider louvered shades i.l.o. PV at timber and structure instead of metal appropriate outcomes. this location. panel or plaster.

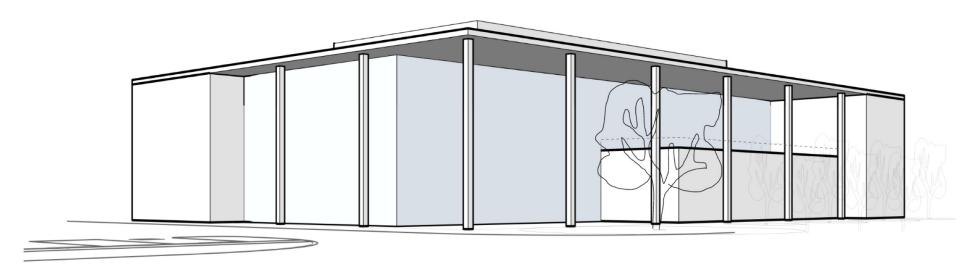


### LSCC – Architectural Design – Building Zones

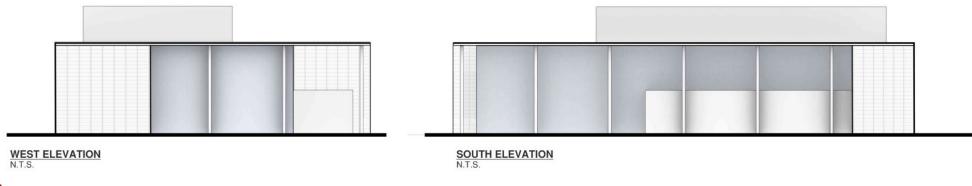




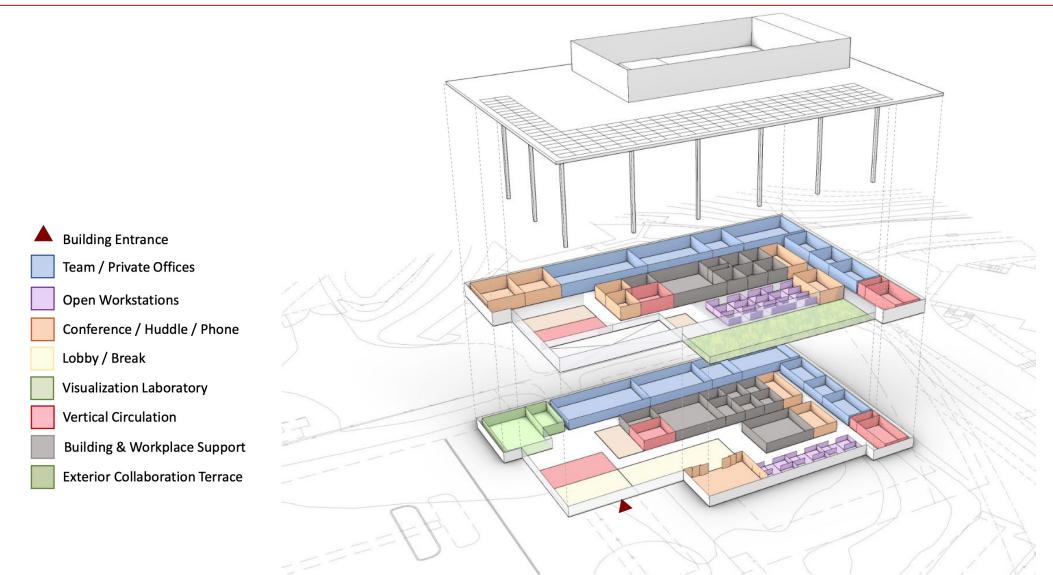
### LSCC – Architectural Design – Building Massing



**GROUND VIEW - SOUTHEAST CORNER** 



### LSCC – Architectural Design – Building Programming



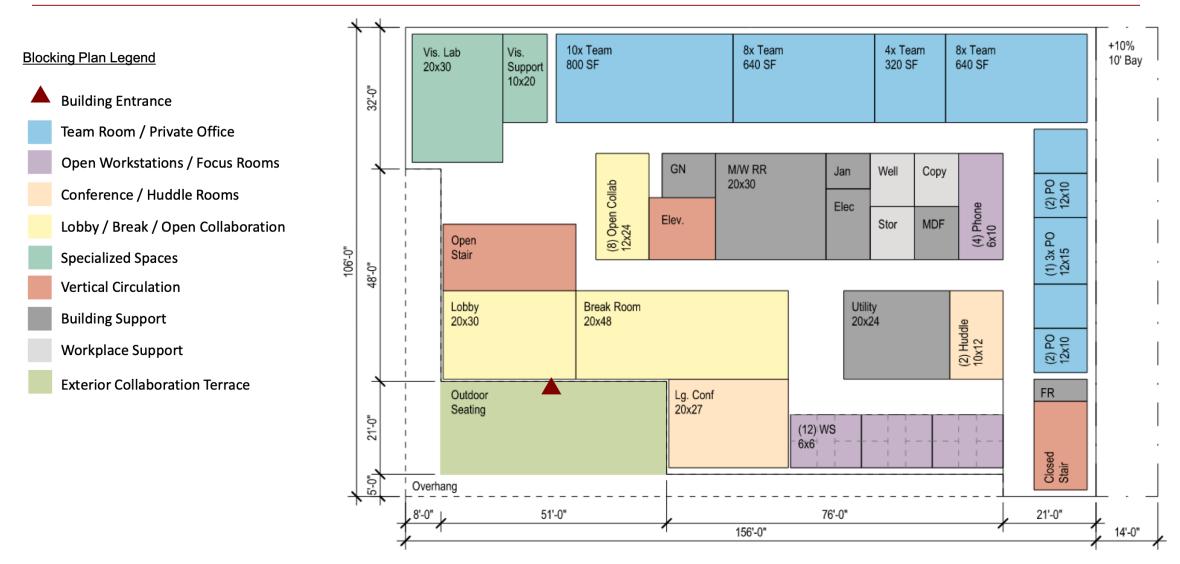
### LSCC – Architectural Design – Building Programming



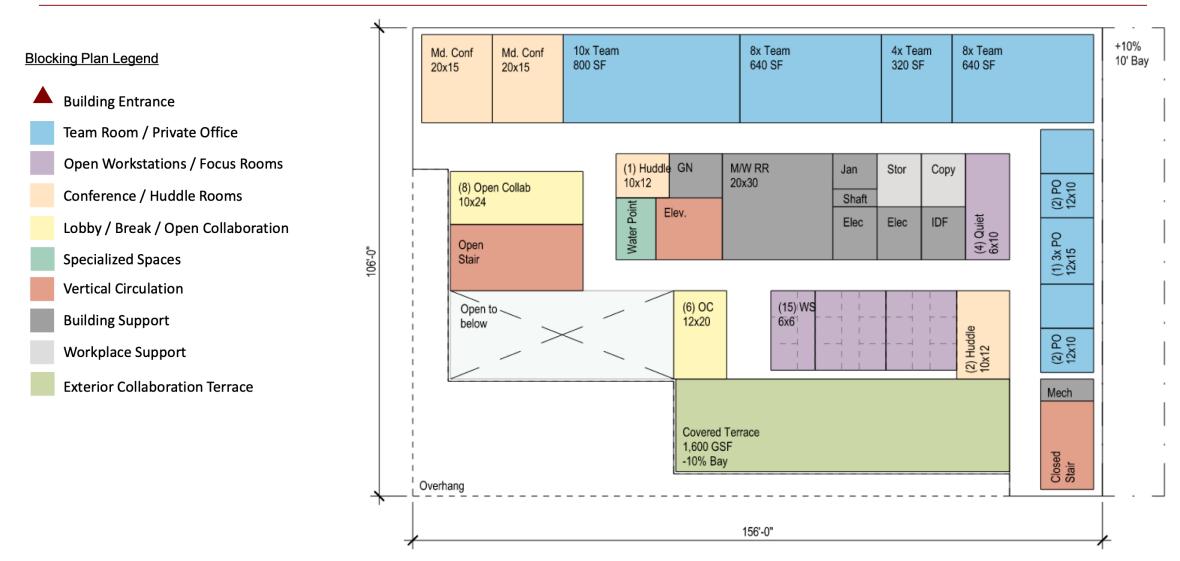
#### Program Diagram Legend

Building Entrance
Team Room / Private Office
Open Workstations / Focus
Conference / Huddle Rooms
Lobby / Break / Open Collab
Specialized Spaces
Vertical Circulation
Building Support
Workspace Support
Exterior Collab Terrace

### LSCC – Architectural Design – Building Programming (Floor 1)



### LSCC – Architectural Design – Building Programming (Floor 2)





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# Q&A – 15 minutes

# **SLAC Mission and Vision**

Vitaly Yakimenko, Deputy Director of Projects & Infrastructure 15 February 2024





# Research at SLAC has led to and enabled fundamental discoveries since the laboratory's founding in 1962

### A History of Discovery and The Age of Colliders



Burton Richter, 1976 Nobel Prize in Physics (joint) for discovery of the J/psi subatomic particle



Positron-Electron Project (PEP), 1980-1990

### Synchrotron and X-ray Research



**Stanford Synchrotron Radiation Project** (now the Stanford Synchrotron Radiation Lightsource, SSRL), 1974



**Richard Taylor**, 1990 Nobel Prize in Physics (joint) for demonstrating the existence of quarks



Martin Perl, 1995 Nobel Prize in Physics for discovery of the tau lepton elementary particle



Stanford Linear Collider (SLC), 1987-1997



**PEP-II**, 1998-2008

**Brian Kobilka** (Stanford), 2012 Nobel Prize in Chemistry for work on G-

protein-coupled receptors



Frances Arnold (Caltech), 2018 Nobel Prize in Chemistry for inventing



directed enzyme evolution

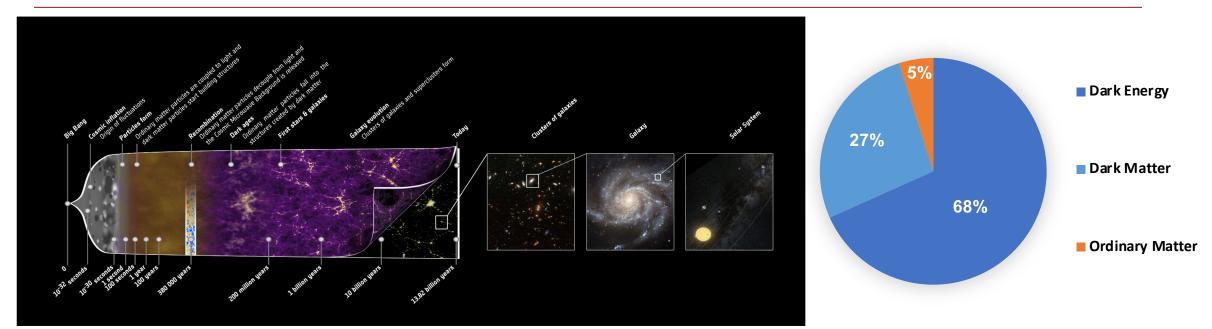


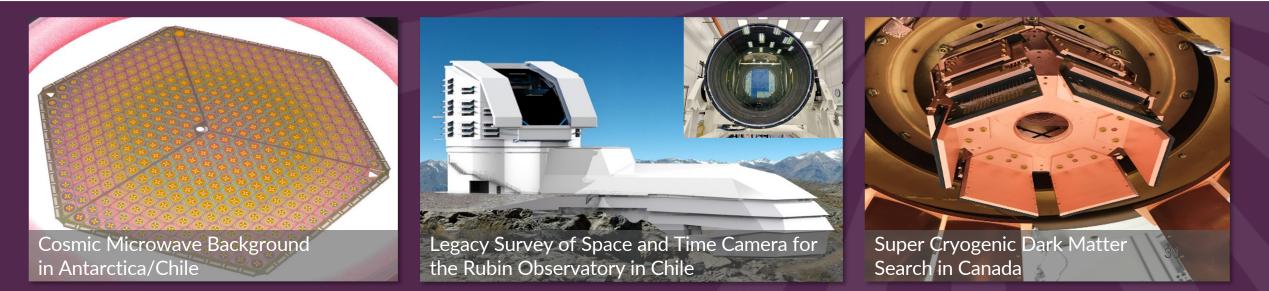


3D atomic images of RNA polymerase II

**Roger Kornberg**, 2006 Nobel Prize in Chemistry for determining how DNA's genetic blueprint is read & used to direct the process of protein manufacturing

# SLAC also designs, constructs, and operates large-scale instruments to explore beyond the known universe





# Significant investment from Stanford continues to transform the lab, providing new infrastructure and capabilities





Stanford-SLAC cryo-electron microscopy facility



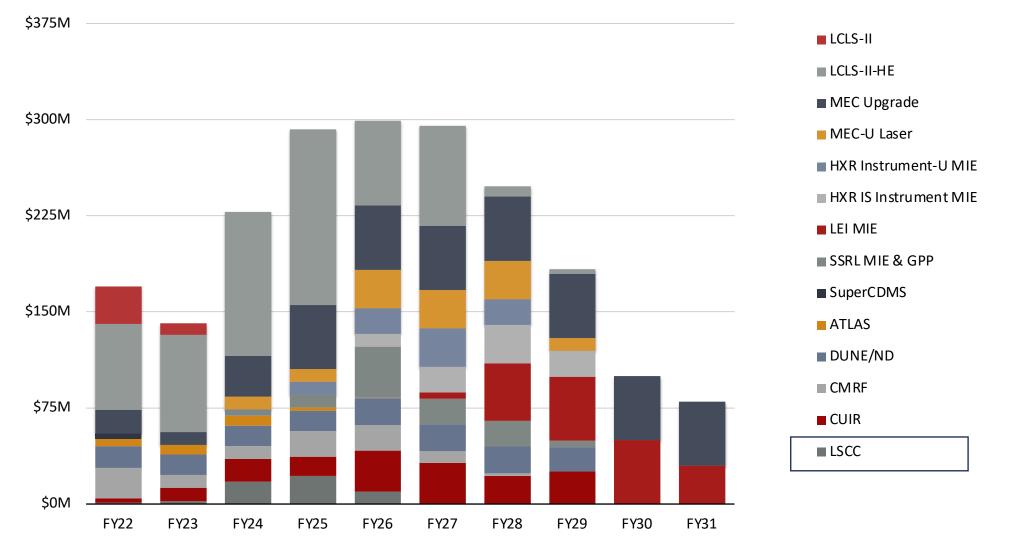




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# SLAC Major Projects Portfolio (June 2023)

Projects that are presently in planning with MN expected in FY24-FY26 included







# **SLAC Quality Assurance**

Harri Emari, LSCC Quality Assurance 15 February 2024

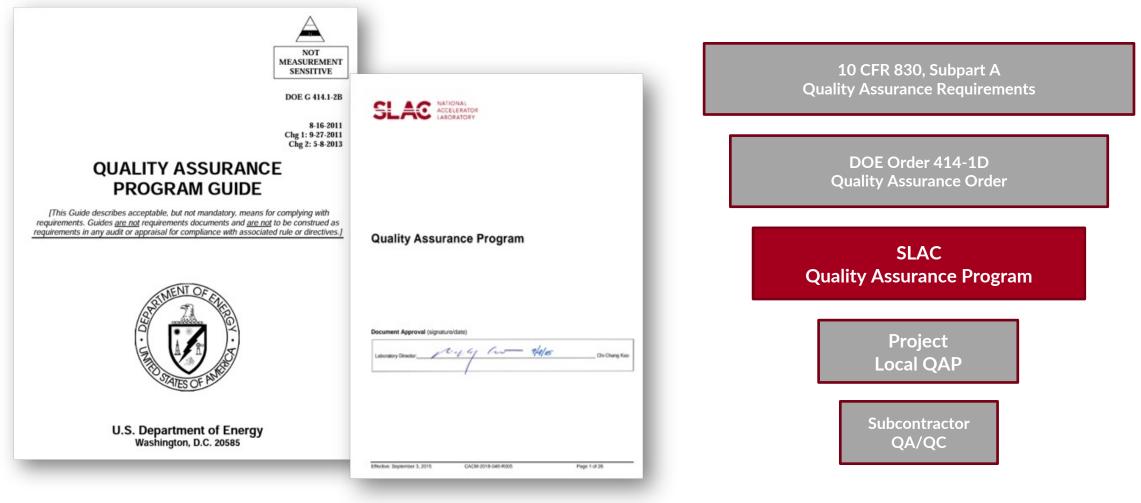


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## **Quality Assurance**

### Flow down of DOE Order 414.1D Contract Requirements



### **Quality Assurance**



#### 1) QAP, PIM, and CM Manual Implementation

- Management: Program, Structure, Processes
- Performance: Design



#### 2) Process Improvement and Workflows

- Management: Document and Records
- Performance: Work Processes



#### 3) Qualifications and Training

- Management: Personnel Training and Qualifications
- Performance: Inspection and Acceptance Testing



#### 4) Quality Supervision, Walkthroughs, and Assessment

- Performance: Procurement, Integration, Evaluation & Acceptance
- Assessment: Internal and Independent

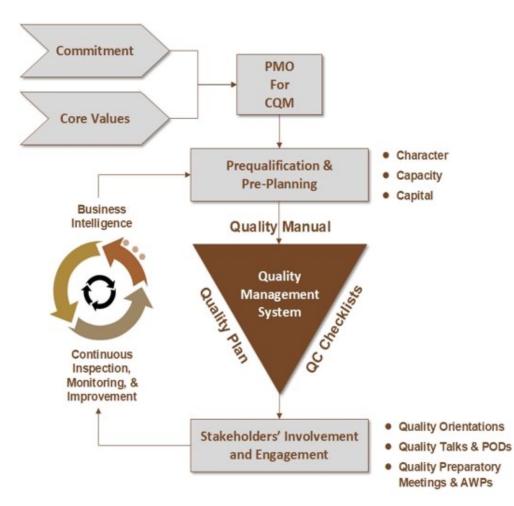


#### 5) Quality Culture & Mindset

- Management: Quality Improvement
- Performance: Applying Lessons Learned

### Quality Management System (QMS)

#### Reinforcing the QA/QC in the Field & During Execution





### **Quality Assurance Criteria**

	Performance Area	Metric	Key Indicator
Mandatory	Quality Management System	Documented Procedure for QC and QA	Manual, Plan, Checklists
	Personnel Organizational Chart	Same person can't be both QC and QA	Qualification & Certifications
	Authority & Stop Work	QA Manager Point of Contact	Direct to Senior Management
	Corrective Action Program	Validation & Verification & Correction Process	Workflow & Documentation
	Assessment Program	Internal and Independent External	Frequency & Effectiveness
Required	Experience	Per Statement of Work & Contract Documents	Subject Matter Expertise
	Standards	Per Contract Documents & Specifications	Certifications
	Capabilities	Relevant Resumes and History	Preferred 5 years
Expected	Associations	ASQ, USACE, CII, PMI, CMAA, AGC, and LCI	Preferred & Recognized
	Methodologies	DOE Guidelines, EFCOG, PMBoK, CQM-C	Best Practices
	Innovation	Tools & Technologies, Transfer of Knowledge	Blogs & White Papers
	Lessons Learned	Continuous Improvement Program	Description & Commitment

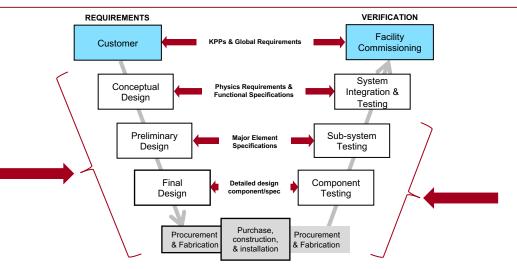
### References

References		
AGC	AGC of America	https://www.agc.org/
ASQ	American Society for Quality	https://asq.org/
CII	Construction Industry Institute	https://www.construction-institute.org/
СМАА	Construction Management Association of America	https://www.cmaanet.org/
CQM-C	Construction Quality Management For Contractors	https://www.swg.usace.army.mil/Portals/26/2020%20CQM%20Stude nt%20Study%20Guide.pdf
DOE Guidelines	DOE Technical Standards Program	https://www.standards.doe.gov/
DOE Order		https://www.directives.doe.gov/directives-documents/400-
414.1D	Quality Assurance Program	series/0414.1-BOrder-d-chg2-ltdchg/
EFCOG	Energy Facility Contractors Group	https://efcog.org/
LCI	Lean Construction Institute	https://leanconstruction.org/
	Project Management Body of Knowledge:	https://www.pmi.org/pmbok-guide-standards/practice-guides/process-
PMBoK	Process Groups	groups-a-practice-guide
PMI	Project Management Institute	https://www.pmi.org/
USACE	US Army Corps of Engineers	https://www.usace.army.mil/

### **Integrated Safety Management**

#### Work Planning & Control **Define Scope** Ste & Efficia In collaboration with ESH & CM of Work Feedback and Improvement Son Execution Integrated Analyze Safety Hazards Management Define Scope of Work Provide Feedback Perform Work and Improvements Analyze the **ISM Core** within Controls Hazards Functions Perform Work **Develop/Implement** Within Controls Develop and Implement Hazard **Hazard Controls** Controls Identification Hazard Line Competence Clear Roles of Safety Controls Management Commensurate Balanced Operations Standards Tailored to and Responsibility with Priorities Authorization and Work Being Responsibilities for Safety Responsibilities Requirements Performed **ISM Guiding Principles**

### WPC Verification and Validation



#### Engineering

- Requirements Tracking
- Quality Level Identification
- Design Reviews & Approvals
- Peer & External Reviews
- Systems Engineering
- Technical Change Control
- Assessments & Documentation

#### **Procurement**

- Subcontractor Quality Control
- Site Visits & Witness Factory Acceptance
- Manufacturing Readiness Review (MRR)
- Shipping/Transportation Readiness Review (SRR/TRR)
- Factory Acceptance Test & Inspection
- Incoming Receiving Inspection at SLAC
- Final Acceptance by SLAC QA Representative

#### QA/QC throughout the Project Lifecyle

#### Construction

- BIO Vendor Design Review
- Monitoring of Vendor Execution
- Non-conformance Management
- Technical Change Control
- Controlled Document Repository
- Shipping & Storage
- Assessments & Audits

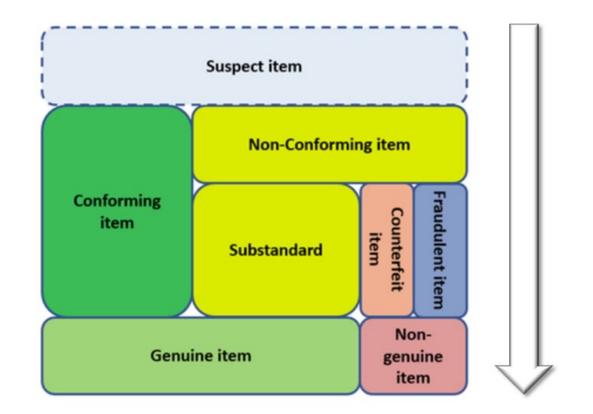
### Suspect/Counterfeit and Defective Items

The Subcontractor has a **formal system** to adequately identify, define, and implement controls that:

- A. Identify and preclude S/CI from being introduced into the DOE supply chain that may create potential hazards;
- B. Ensure oversight of the S/CI program;
- C. Verify identified S/CIs are controlled and segregated and not placed back into the supply chain; and
- D. Effectively communicate S/CI and defective items/products to other organizations

Three main performance objectives for the S/CI assessment process:

- Oversight of Sub-tiers and Suppliers,
- Controls to avoid S/CI & Defective items,
- Reporting to SLAC QA per DOE Order 414.1D

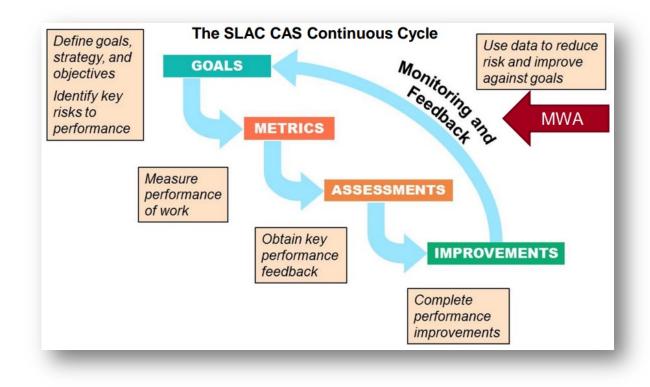


### Management Walk Arounds

MWA offers management and supervision regular interaction with personnel during work.

- The program aims to engage team members, gather feedback, and ensure understanding of work activities and processes.
- Objectives include implementing necessary controls and fostering continuous improvement in processes.
- Observe work practices and monitor work areas, contributing to performance assurance.
- Complementing the SLAC Assessment Program.

More information and Resources are available at the <a href="https://assurance.slac.stanford.edu/">https://assurance.slac.stanford.edu/</a>





# SLAC Safety & Work Planning Control

Greg Johnson - Environment, Safety & Health Coordinator 15 February 2024



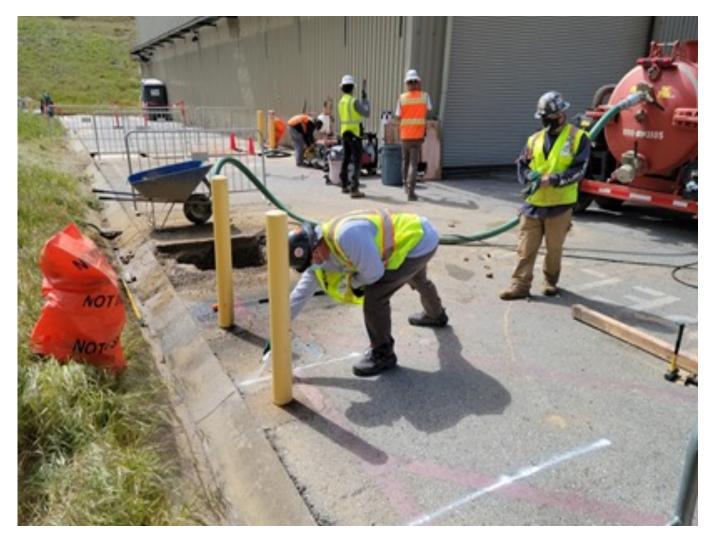
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### Safety at SLAC

- SLAC is committed to protecting the health and safety of on-site personnel, the public and the environment as it carries out its scientific mission.
- All work must be assessed for ESH impacts and comply with applicable regulations (Cal OSHA and ESH Programs).
- A SLAC Construction Manager (CM) and a Field Safety representative will be assigned to support the project.
- Our goal is to help you achieve your goals while complying with your ESH plans.
- It is essential to plan work carefully and follow your plan.

### **Field Safety**



- Our goal is <u>zero accidents every</u> <u>day</u>. Subcontractors are accountable for their work activities.
- Jobs will have regular site visits from SLAC Field Safety, SLAC senior management team, and Department of Energy (DOE) personnel.
- Plans and permits are required for high hazard work. These can require 10 working days for approval
  - o Elevated Surface Work
  - Hoisting and Rigging
  - Excavations

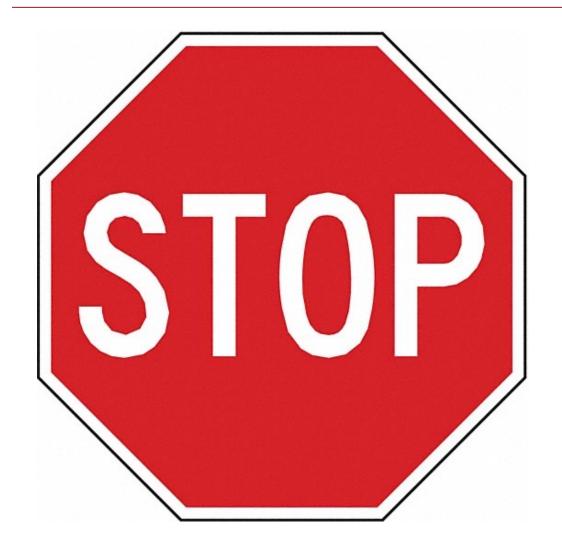
•

• Penetrations

### Work Planning

- All work must be planned, authorized and released.
- Work is planned using Job Safety Analysis (JSA), daily work plans, pre-job briefings, and high hazard plans and permits.
- Work is authorized by the subcontractor's foreman. They ensure workers are properly trained and qualified for the work they are performing and understand the hazards and controls of the work.
- Work is released by the SLAC Construction Manager in conjunction with Area or Building Managers who may be impacted by the work activities.

### **Accident Prevention**



- All SLAC employees and contractors have the authority to stop work if they feel there is a hazard.
- Stopping when there are questions or concerns, and replanning is encouraged.
- We have found that pausing and replanning when needed can prevent injuries and accidents.



## LSCC Design Build Subcontract – Procurement

Overview

Doreen Agbayani, Procurement Specialist 15 February 2024



Stanford University



### LSCC Acquisition Strategy

#### **Design-Build Project Delivery**

#### (Design to Cost, Firm-Fixed Price, Traditional 2-step Sourcing Method, Best-Value Trade-Off)

Step 1: Qualifications

The 3 most highly qualified firms will continue to Step 2

#### **Step 2: Technical and Pricing Proposals**

Stipends are planned to support DBIA best practices

Interviews will be held after the technical proposals are reviewed by SLAC

#### Key Aspects:

- Basis of Design Narrative
- Federally-funded project, fully funded
- Trade partners are selected by Offerors (SLAC does not maintain a pre-qualified list)
- SLAC Building Inspection Office and construction permitting
- SLAC Fundamentals: Safety, Quality, Work Planning and Control

### **Overview of LSCC Procurement**

- Offerors must be registered and in good standing with the System for Award Management (SAM.gov) at time of award
- Questions about this project need to be submitted <u>only</u> to the Procurement Specialist (the single point contact during the RFP through Award process)
  - Direct communication with the Project team during the RFP Process can be grounds for disqualification
- Specifics of the Step 1 Procurement
  - Section L (Instruction to Offerors) and Section M (Evaluation Criteria)

#### Key Aspects:

- Davis-Bacon Prevailing Wages/Certified Payrolls apply
- Buy American Act applies
- Note: Federal Fiscal Year is Oct-Sept



### **Overview of LSCC Procurement (Cont.)**

Topics on next slides:

- Selection process and evaluation factors for Step 1 and Step 2
  - Proposals must be submitted electronically in searchable PDF format, as indicated in the Section L.
- Stipend
- Best Practices
- LSCC Preliminary Milestones

### Selection Process and Evaluation Factors – Step 1

### **Step 1 – Qualification Submittals** The 3 most highly qualified firms will continue to Step 2

- Licenses & Certifications
- History & Local Presence
- Compliance with Civil & Criminal Laws
- Safety Compliance with OSHA (California and Federal) & Safety Culture
- Corporate Experience Demonstrate your ability and previous experience with a similar project (within the last 10 years)
- Financials Bonding Capacity, Dunn-Bradstreet Report
  - Performance and Payment bonds will be required

### Selection Process and Evaluation Factors – Step 2

### Step 2 – (Volume 1) Technical

- Technical Approach
  - Environmental, Safety,Health
  - Project Assumptions
  - Project Objectives
- Schedule
- Key Personnel Experience
- Project Management
- Past Performance
- Interview and Presentation
- Site walk will be held

- Step 2 (Volume 2) Price Proposals
- Price
- Contract Documentation Required Submittals:
  - RFP Sections A,B,C,F,G,H,I,K
  - Small Business Subcontracting Plan (Section J, Attachment 7)
  - Injury and Illness Prevention Plan Form (Section J, Attachment 03).
  - Acknowledgment of all amendments per Section 9 of the Amendment clause.
  - Provide your company's labor rate sheet, through the end of the performance period.

### Stipend

### **Purpose of Stipend:**

- Encourage Step 2 Submittals to be creative, comprehensive and complete
- Unsuccessful Offerors in Step 2 will receive a stipend of \$63,000 each

Condition for accepting the stipend:

- SLAC shall have the rights to the proposed technical documentation
- Offeror may decline the stipend to retain the rights for their proposed technical documentation

### **Best Practices**

- Identify the factor and sub-factor you are addressing within your response (Ex: Sub-factor 1.1, etc.).
- Confirm all applicable documents are completed and attached.
  - This includes submitting and signing all the RFP Amendments.
  - Price Breakdowns should align to the line items identified in Section B and the breakdown sheet identified on Section L, Attachment B.
- RFIs should be submitted solely to the Procurement Specialist.
  - Do not copy any of the Project Team.
  - All RFI logs will be sent out to all Offerors.

### Preliminary Milestone Chart

Milestone	<b>Anticipated Dates</b>
Draft Scope of Work and qualifications released on beta.SAM.GOV	February 2, 2024 (A)
Industry Day	February 15, 2024
Release RFP Step 1 - Qualifications	May 7, 2024
Receive Vendor Responses - Step 1 Qualifications Submittals	June 5, 2024
Step 1 Qualifications - Evaluate and down-select	June 14, 2024
Release RFP Step 2 – Technical and Pricing (to down-selected D-B subcontractors)	June 17, 2024
Receive Technical and Pricing Proposals	September 10, 2024
Evaluate proposals, conduct interviews	October 1, 2024
Prepare Subcontract	November 7, 2024
Compliance review of Subcontract	February 5, 2025
Award Design-Build Subcontract. Start Design.	February 6, 2025
Beneficial Occupancy (27 months)	May 6, 2027
Final Certificate of Occupancy (30 months)	August 6, 2027



### Q&A – 15 minutes







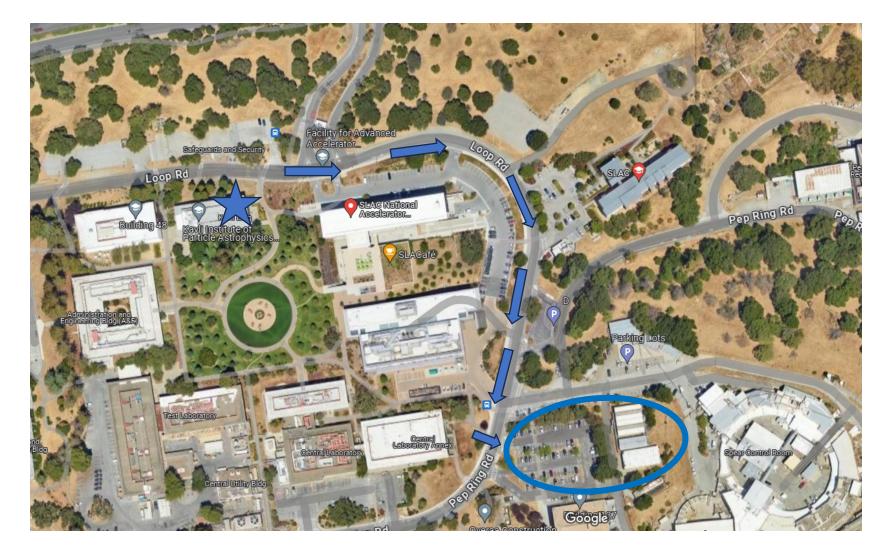






## Site Tour(s)

- The audience will be split into small groups.
- Please walk carefully to the site, stay on sidewalks and look for vehicles before crossing the road.
- Please make note of questions and submit to Doreen Agbayani at <u>doreena@slac.stanford.edu</u>
- Pictures are allowed.
- Please stay with your tour guides.
- You will be brought back to Kavli and will be free to go.



### Conclusion

Thank you for attending LSCC's Industry Day!

Please send all questions to Doreen Agbayani doreena@slac.stanford.edu

Please submit capability statement to express interest in LSCC via SAM.GOV by 2/28/24

Step 1 Qualifications is anticipated to be released around 5/7/24