



California State University, Chico

REQUEST FOR PROPOSAL

RFP# 2022-04MM

FOR

MATERIALS TESTING and SPECIAL INSPECTION SERVICES

Issue Date: July 7, 2022

California State University, Chico (CSU, Chico) is seeking a qualified firm to provide Construction Materials Testing and Special Inspection services for the new **Behavioral and Social Sciences Building** on the California State University, Chico campus.

I. **GENERAL**

California State University, Chico is seeking the services of a qualified firm to provide Materials Testing and Special Inspection services for the major capital project described below. Duties shall be consistent with the requirements of the 2019 California Building Code and as described herein. Final sequencing and schedule will be coordinated with CSU, Chico and the Contractor. Note: the Firm selected to provide Materials Testing Services for the project will not be selected to provide Construction Inspector Services on that same project. The intent is that, for each project, one firm will provide the Inspector of Record (IOR) and a separate firm will provide the materials testing lab (MTL) services, which typically includes providing special inspectors. The IOR, when not otherwise in demand, will be expected to perform special inspections to minimize unnecessary doubling up on coverage.

The California State University, Chico, Behavioral and Social Sciences Building project consists of one building which will serve as the new academic building on campus. The building is steel construction, three stories tall and 95,000 GSF total. Building exterior features include thin brick, aluminum composite metal panels, cast in place concrete, and glazing. The occupied floors are predominantly comprised of classrooms, offices, conference rooms, special instruction rooms, and open collaborative student spaces. Construction is Type II-A, fully sprinklered. The building contains mixed A-2, A-3, F-1, and B occupancies and is a Risk Category III.

The project is using the CSU Collaborative Design Build (CDB) process having Turner Construction as the selected DB contractor. The building construction cost is estimated at \$76 million dollars and is to be constructed to LEED "Silver", minimum. Construction will begin September 2022 with anticipated completion May of 2024.

Prevailing Wages:

Should any work under this contract be performed by workers in the classifications covered by prevailing wage laws, they shall be paid not less than the prevailing wage for the craft or work they perform as determined by the Division of Labor Standards Enforcement (DLSE). The prevailing wage obligation applies to working partners, sole proprietors or owner/operators as well as employees of the service provider and its subcontractors.

II. **QUALIFICATIONS AND SCOPE OF SERVICES**

Scope of Services:

The scope of services to be provided will include, but not limited to, the following:

The successful Respondent will be responsible for providing Special Inspection and Materials Testing staff as necessary to support the contractors and perform materials tests. The duties of the Materials Testing Laboratory shall be consistent with the requirements of the 2019 California Building Code and the requirements of the Construction Contract Documents. Final sequencing and schedule shall be coordinated with California State University, Chico and the Contractor. Requirements for Inspection and Materials Testing shall generally include:

Project Staffing:

Testing and inspection personnel shall be certified in the disciplines for which they are providing inspection. Inspection personnel shall be experienced individuals with backgrounds in large mixed-use office structures.

Special Inspectors:

Provide ICBO Certified Special Inspectors (or AWS/SNT Certified Welding Inspectors) as necessary to support the progress of the Contractor's work. Special Inspectors shall be experienced and hold certification in the specialty for which they are providing inspection services.

Special Inspectors shall work closely with the Construction Inspector and the Construction Project Manager. Special Inspectors will perform and thoroughly document all inspections required by Chapter 17 of the 2019 California Building Code. Special Inspectors will also ensure and thoroughly document compliance with the contract documents and workmanship quality standards.

These Special Inspections shall generally include all concrete, masonry, structural steel, spray-applied fireproofing operations and will include shop fabrication. The IOR may perform required Special Inspections depending on availability and need.

Anticipated construction sequencing will require multiple inspectors at various locations in order to meet inspection requirements identified in the California Building Code.

Other Field Personnel and Lab Technicians:

Technicians performing field concrete sampling and testing shall be certified ACI Level I.

Reports:

Detailed Inspection Reports shall be maintained daily and in a manner acceptable to the Construction Inspector and/or Construction Project Manager. The project Special Inspector shall submit all reports to the Construction Inspector for review and forwarding to the Construction Project Manager. Distribution of Inspection Reports to the Construction Inspector shall be accomplished **daily** (via Construction Project Manager Office Administration). Record inspections **daily** on the Construction Project Manager's Record Drawings.

Materials Testing Laboratory duties shall generally consist of the following:

- a) Provide qualified personnel to sample materials as necessary to support the progress of the Contractor's work (e.g. concrete, fireproofing).
- b) Transport materials and samples to the testing laboratory. (Transportation cost to be included in fee rate schedule.)
- c) Perform laboratory and field quality control testing in accordance with ASTM, ICBO, ANSI or other standards as required by the California Building Code and/or the Contract Documents. Tests required shall include, but are not limited to the following:
 - ◆ Fireproofing Density & Thickness
 - ◆ Concrete Compressive Strength
 - ◆ Concrete Tensile Strength
 - ◆ Reinforcing Steel Bend & Tensile
 - ◆ Concrete Shrinkage
 - ◆ Anchor Proof Load Testing
 - ◆ Grout Compression
 - ◆ Structural Steel welding – Shop & Field
 - ◆ Floor and Roof Deck Welding
 - ◆ Metal Deck and shear connector studs
 - ◆ Masonry construction
 - ◆ Mortar Compression Test
 - ◆ Epoxy installed anchors

Project Team:

Sound technical skills and project approach will be provided by strong comprehensive management for each service request. Professionals selected for the project are to have the skills and experience necessary to successfully complete a project. The Service Provider fully commits the time needed by his/her professional staff to perform the work of this project at the highest standard of quality and in a timely manner. The primary contact individual named for this contract shall not be substituted without the prior consent of the University.

III. GENERAL PROPOSAL SUBMITTAL INSTRUCTIONS

To be considered responsive to this RFP, respondents must submit proposals in the format identified below. All requirements and questions in the RFP must be addressed and all requested data must be supplied. The University reserves the right to request additional information, which, in the University's opinion, is necessary to assure that the respondent can adequately perform the work of the contract. It is presumed the quality assurance standards employed in the preparation and delivery of the proposal are reflective of the respondent's overall quality assurance standards to be used in the performance of the contract. **Emphasis should be on completeness and clarity of content.**

IV. PROPOSAL FORMAT AND SUBMITTAL REQUIREMENTS

Proposals are to be submitted as follows:

A. Cover Letter

The proposal is to be submitted with a cover letter that includes a brief statement of intent to provide the services of the RFP. The letter is to be signed by an authorized officer of the firm who has legal authority in such transactions. An unsigned cover letter/proposal shall be considered non-responsive and shall be rejected. If applicable, the letter should include the firm's State of California small business certification number and/or copy of the Department of General Services certification letter.

B. Statement of Qualifications

Respondent is to provide a Statement of Qualifications as described in Paragraph "D" below. The purpose of the statement is to demonstrate the firm's ability and experience in providing the services.

C. Fees/Costs

The Respondent must complete and submit a Fee Schedule in the format below as part of their proposal.

Any resultant contract will include these fixed rates of compensation for specific persons, classifications, crews, and materials tests. Should there be any need for tests and services not included in the proposal, rates will be negotiated on the basis of the Respondent's most recently published fee schedule prior to the date of this RFP.

The fee rates for inspection personnel and materials testing services shall incorporate necessary mark up to cover any additional costs, including but not limited to: travel time to and from the job, lodging and meals of inspection personnel, reporting and office administrative costs, overhead and profit. Each rate shall be inclusive of all necessary expenses and is only paid for inspection time on the project. The exception to this requirement would be expenses related to shop fabrication or other inspections requiring a presence at a distance of greater than 100 miles from the project site. The steel fabricator will be performing fabrication at:

Bambacigno Steel Co 4930
McHenry Ave, Modesto, CA
95356

Only verifiable time for personnel in the field and required materials tests will be compensated. Rates shall be firm throughout the term of the Agreement. The project schedule is included in the RFP (Exhibit 2); all rates must stay the same for the duration of the project at the time of contract award to the inspection and testing firm. **No minimum number of hours per visit is recognized.**

Overtime shall be pre-approved by the Construction Project Manager. Qualifying overtime shall be limited to the difference between the regular hourly rate and the hourly overtime rate as determined by prevailing wage.

Category	Unit	Proposed Rates
STAFF		
AWS Welding Inspector - Field	Hourly	
AWS Welding Inspector - Shop	Hourly	
AWS Welding Inspector – Shop- Out of State	Hourly	
Ultra Sonic Testing	Hourly	
Special Inspection - Concrete	Hourly	
Special Inspection – CMU Grout placement	Hourly	
Special Inspection - Fireproofing	Hourly	
Special Inspection – High Strength Bolting	Hourly	
ACI 1 Concrete Sampling Technician	Hourly	
TESTS		
Cylinder Pick up- Per site visit, not per cylinder	Flat Rate	
Fireproof Density Testing	Each	
Rebar Bend	Each	
Rebar Tensile	Each	
Concrete Compressive Strength - Break	Each	
Concrete Compressive Strength - Hold	Each	
Non-shrink grout compression tests	Each	
Shrinkage Beam Test	Each	
Mortar Compression Test	Each	
Pre-approved Overtime	Hourly	

NOTE: The above fee schedule rates will be used for evaluation of the reasonableness of the proposed fee schedule. All invoices will be paid in arrears upon receipt of proper invoicing and approval by the University's Construction Project Manager.

D. Proposal Requirements

To be considered responsive to the RFP, the respondent must submit a Proposal in the format described in this section. The respondent is to provide a description of the firm's professional and technical experience, background, qualifications and professional licensing/ certification of the firm's key personnel. The respondent must show that the respondent's firm and primary contact professional possess demonstrated skills and experience in all areas of the scope of services to be performed under the contract. The Proposal is to include the following:

1. General Firm Information/Firm Experience

The respondent is to describe the firm's background and experience in a level of detail adequate to demonstrate the firm's qualifications in the field of Materials Testing and Special Inspection services including:

- a) Brief history of the firm, years of experience (e.g., years of experience, background of principals, etc.),
- b) Range of services offered, size of the company,
- c) Location where management and coordination of services will be performed,
- d) General project experience and work performed,

- e) References: list of clients (including name, address, contact name and telephone number, and description of services) for which work was performed over the past three (3) years.
Use Project Information Sheet, Exhibit 1, to provide this information. **Use of the form and/or format provided in Exhibit 1 is mandatory.** Describe your past experience in a level of detail adequate to demonstrate your firm's qualifications. Use one sheet for each represented project.
- f) **Quality Assurance:** Describe how your firm controls Quality Assurance & Metrology. Detail how your firm complies with requirements of ASTM 329 Practice for Use in Evaluation of Testing and Inspection Agencies As Used in Construction, and ANSI N45.2 (1971) Quality Assurance Program Requirements.
- g) **Hazardous Materials:** It shall be incumbent upon the Proposer to disclose any policy or rule of the firm that prohibits or restricts the firm or its employees from performing its contractual duties in the presence of asbestos or any toxic substance. Describe your policy and approach to resolving issues that arise from the incidence of asbestos or toxic substances occurring in the work area.

2. Personnel Experience/Qualifications/Organizational Chart

The respondent is to provide:

- a) Names and backgrounds of the firm principals (background is to include education, experience, certifications, accreditations, and licenses held by each individual),
- b) The name of the primary contact professional who would be assigned to California State University, Chico; this individual would coordinate and execute the work of the contract,
- c) An organizational chart showing, at a minimum, the key personnel to be assigned to the University and their reporting relationship within the organization. Include detailed resumes, including the project specific qualifications for all proposed personnel. Resumes shall be no longer than two pages in length.
- d) Staff allocation information to demonstrate that ongoing or anticipated work volume will not interfere in your ability to perform on this project, and that the firm has suitable resources available to ensure satisfactory servicing of the project work.

Respondent shall not substitute, replace or reassign the above key Personnel without CSU, Chico's prior approval. Those individuals included in the Respondent's staffing plan shall be those to be assigned to the project. However, with CSU, Chico's prior approval, the parties may agree in writing to change these Key Personnel. Substitution of proposed personnel during the process shall be cause for re-evaluation of the proposal, and possibly grounds for forfeiture of the contract award should the substitution be found unacceptable.

CSU, Chico reserves the right to check additional references as it deems necessary to fully evaluate the proposed staff members. Other persons providing service to the project under any resultant contract will upon request be required to submit resumes and references for evaluation prior to acceptance.

- e) Names of subcontractors or sub-consultants typically used by the firm, if any, and their roles/involvement in projects.

3. Operational Plan/Approach/Quality

The respondent is to provide a detailed conceptual approach of the methodology to be used to perform the work described in the Scope of Services. The response to this section should demonstrate the respondent's ability and commitment to render high quality Materials Testing and Special Inspection services as required by the University within a compressed time table. It should describe the firm's approach/monitoring of work.

Reimbursables No reimbursable expense shall be reimbursed without prior approval from the University's Construction Project Manager. Compensation for reimbursable expenses will be for actual expenses, without markup, accompanied by supporting receipts. It is expected that all items will be included in the fees/rates proposed and that additional reimbursement will be

minimal, if any. Reimbursable expenses shall be actual expenditures made by the Service Provider working on the project and must be directly related to the project work. Reimbursement shall be made upon receipt of appropriate billing, supporting receipts, and approval of the Construction Project Manager.

Travel Expenses No travel expense or per diem will be reimbursed without prior approval from the University's Construction Project Manager. Drive time to and from the site is not considered a travel expense. If authorized, it shall be reimbursed at a rate not to exceed the current governing travel rate for State University employees at the time of the Service Provider's travel. Current reimbursable travel rates for special circumstances are listed below but are subject to change:

- Airfare – commercial airfare – coach or economy class
- Lodging – not to exceed \$275/night excluding taxes
- Meals & Incidental Expenses – actual meal expenses (no alcohol) up to \$55/day
- Incidental Expenses – \$7/day incidentals – itemized receipts are required
- Mileage – \$0.585 per mile

Current CSU Travel and Business Expense Reimbursements Policy is available at:
<https://calstate.policystat.com/>

NOTE: if there is any known or anticipated reimbursable travel or other planned reimbursable expenses not included in the basic hourly rate, please identify and include these on your proposal.

V. **SUBMISSION OF PROPOSALS**

Proposers shall submit one electronic copy of the proposal in PDF format. The proposal and any attachment documents shall be contained in one submitted file.

The file shall be uploaded to the following Chico State Box folder:

<https://csuchico.app.box.com/f/25517c0f6ce9457d963182cfd8377420>

Due Date: August 4, 2022 by 3:00 p.m. PST

Proposals must be received no later than the date and time specified. Proposals must be submitted sufficiently in advance of the specified date and time to ensure delivery. California State University, Chico assumes no responsibility for delay in delivery of the proposal either by the United States Post Office, by Campus Mailroom, email or internet, or by any other means.

VI. **CONTRACTUAL AGREEMENT**

After the Request for Proposal (RFP) evaluation, a Service Agreement will be issued to the selected firm. A "Professional Services Related to Public Works" sample agreement, including the General Provisions and Insurance Requirements is located at the following website:

<https://www.csuchico.edu/purc/supplier-vendor-info/sample-agreements.shtml>

The selected firm shall commit to execution of the agreement, in substantial accordance with the terms and conditions of the RFP and the Service Agreement, including the Agreement General Provisions and all licensing, permits, insurance and other requirements. The selected Service Provider will also be required to provide or comply with the following:

- a. Payee Data Record:
- b. Driving and Parking Rules for the Campus Core:

<https://www.csuchico.edu/parking/types/commercial.shtml>

VII. **INSURANCE REQUIREMENTS**

The successful respondent will be required to meet the insurance requirements as identified in the Agreement General Provisions, part of Rider A of the Agreement.

<https://www.csuchico.edu/purc/supplier-vendor-info/sample-agreements.shtml>

VIII. **CONTRACT TERM**

The contract term shall commence upon full execution of the contract and shall continue until all inspection services related to the specific project have been completed to the satisfaction of the University.

IX. UNSATISFACTORY OR UNACCEPTABLE BEHAVIOR

The Construction Project Manager will investigate and evaluate any reported case of unacceptable behavior or unsatisfactory performance by the personnel performing work under any resultant contract. Unacceptable behavior or unsatisfactory performance by contract personnel will be cause for their removal from the project at the request of Construction Project Manager. The decision of the Construction Project Manager will be final in these matters.

X. EVALUATION TEAM/CRITERIA

a) Evaluation Team

An evaluation team comprised of California State University, Chico employees from Facilities Management and Services and Procurement & Contract Services will evaluate proposals and assign points.

b) Evaluation Criteria

All proposals will be reviewed, evaluated and scored in accordance with the point schedule for each evaluation criteria noted below:

	<u>Available points</u>
A. Firm Experience and Qualifications Overall firm's experience in successfully performing similar services with other clients	30 points
B. Personnel Experience/Background Overall experience and qualifications of firm principals and key personnel	25 points
C. Operational Plan/Approach/Quality Overall quality of statement of qualifications	15 points
D. Fees/Rate Schedule Overall reasonableness of proposed fees	30 points
Total Possible Points	100 points

XI. AWARD OF CONTRACT

Award of a contract will be made to the respondent receiving the highest number of points, whose proposal best complies with all of the requirements of the RFP, and is deemed to be in the best interest of the University. Small business preference, as applicable, shall be applied in accordance with Title II, Article 2, Paragraph 1896.8. Award of contract is made primarily upon the qualifications of the key person(s) proposed. Substitution of alternates not satisfactory to the University may be grounds for termination of contract. Acceptability of substitute key personnel will be determined at the sole discretion of the University.

XII. COVID-19

Contractor agrees that by performing services against this Contract or purchase order which may require the Contractor, its employees, agents, and/or subcontractors to enter any campus, property, or facility owned or operated by the Trustees of the California State University (hereinafter "CSU Property"), Contractor shall comply, and shall ensure its employees, agents, and subcontractors comply, with CSU's COVID-19 Vaccination Interim Policy, ID 9779821, located at <https://calstate.policystat.com/policy/9779821/latest/>, or with such CSU COVID-19 Vaccination Policy as may be in effect at the time Contractor, its employees, agents, and/or subcontractors seek to enter CSU Property. Moreover, Contractor agrees to reasonably cooperate with CSU to ensure its compliance and that of its employees, agents, and subcontractors with any applicable CSU COVID-19 Vaccination Policy. CSU reserves the right to modify or rescind the CSU COVID-19 Vaccination Interim Policy and/or any other related policy at any time based on federal, state, and/or local public health guidance.

Contractors/Suppliers/Vendors required to enter any Chico State University owned or operated buildings or facilities **shall**:

- Conduct symptom monitoring daily prior to coming on campus;
- Wash hands and/or use hand sanitizer frequently;

- Ensure that employees, subcontractors, and agents have been fully vaccinated with an approved COVID-19 vaccine, OR employ other safety measures which may include but are not limited to: asymptomatic (surveillance) and symptomatic testing; physical/social distancing; wearing face coverings or personal protective equipment; frequent hand hygiene and respiratory etiquette; and isolation or quarantine when warranted.

In addition, Contractors/Suppliers/Vendors are required to comply with the University's current face cover requirements. Contractors can check the University's website, call their campus representative, or call Environmental Health and Safety to check current face cover requirements.

Contractors/Suppliers/Vendors shall supply their own sanitation supplies, face coverings or other personal protective equipment.

XII. OTHER BIDDING INFORMATION

- a) Errors and Omissions** – If a respondent discovers any ambiguity, conflict, discrepancy, omission, or other error in this RFP or any of its exhibits, he/she shall immediately notify the individual listed at the end of this RFP of such error in writing and request clarification or modification of the document. Modifications will be made by addenda. Such clarifications shall be given by written notice to all parties who have been furnished an RFP for bidding purposes.

If a respondent fails to notify the individual listed at the end of this RFP, prior to the date fixed for submission of questions, of an error in the RFP known to him/her, or an error that reasonably should have been known to him/her, he/she shall respond at his/her own risk; and if awarded the contract, shall not be entitled to additional compensation or time by reason of the error or its later correction.

- b) Addenda** – The University may modify the RFP, any of the submittal dates, or any of its attachments, prior to the date fixed for submission of proposals by issuance of an addendum to all parties receiving the RFP for bidding purposes. Addenda will be numbered consecutively.
- c) Alternative Proposals** – Only one proposal is to be submitted by each respondent. Multiple proposals will result in rejection of all proposals submitted by the respondent.
- d) Rejection of Proposals** – The University may reject any or all proposals and may waive any immaterial deviations in a proposal. The University's waiver of any immaterial deviation shall in no way modify the RFP documents or excuse the respondent from full compliance with the RFP specifications if he/she is awarded the contract. Proposals referring to terms and conditions other than the University's terms and conditions may be rejected as being non-responsive.

Oral communications of CSU officers and employees concerning the RFP shall not be binding on the CSU and shall in no way excuse the respondent of his/her obligations as set forth in this RFP.

The University may make such investigations as deemed necessary to determine the ability of the respondent to perform the work, and the respondent shall furnish to the University all such information and data requested by the University for this purpose. The University reserves the right to reject any proposal if evidence submitted by, or investigation of, such respondent fails to satisfy the University that the respondent is properly qualified to carry out the obligations of the contract and to complete the work specified.

- e) Errors in the Proposal** – If errors are found in a proposal, the University may reject the proposal.
- f) RFP Cancellation** – This solicitation does not obligate the University to enter into an agreement. The University retains the right to withdraw this RFP at any time should the project be canceled or it is deemed in the best interest of the University. No obligation either expressed or implied, exists on the part of the University to make an award or to pay any cost incurred in the preparation or submission of a proposal.

- g) **Award of Contract** – The University reserves the right to reject any and all proposals and to award one or more contracts. Award, if any, will be to the respondent or respondents whose proposal best complies with all of the requirements of the RFP, and deemed to be in the best interest of the University. Evaluation methodology and basis for award are described in “Evaluation Team/Criteria” and “Award of Contract.”
- h) **Contract Documents** – Contract documents will consist of the Service Agreement. In the event of a conflict between documents, the following order of precedence shall apply:
1. Service Agreement, including the CSU Agreement General Provisions
 2. CSU, Chico Request for Proposal (RFP)
 3. Respondent’s Proposal
- i) **Contract Execution** – The selected Service Provider(s) and the University shall commit to negotiation and execution of an agreement, in substantial accordance with the terms and conditions herein. Should the parties be unable to reach final agreement within a reasonable amount of time, the University reserves the right to terminate negotiations and proceed with secondary and tertiary finalists.
- j) **Proposals Property of University** – Proposals become the property of the University and information contained therein shall become public documents subject to disclosure laws.
- k) **Materials Marked Proprietary Or Confidential** – Proposers should note that marking proposal documents as “Confidential” or “Proprietary” will not exclude the document from being released as part of a public record after notice of intent to award. Proposers believing their materials to be proprietary or confidential must provide a listing, by proposal page number, of all information identified as confidential and a justification supporting the need for such information to be kept confidential. The University will make the determination whether such materials can be released as a public record or not. **Please be advised that a blanket confidentiality or proprietary legend identifying the entire proposal as confidential, or proposals that have had every page identified as confidential, will not be accepted and may cause the proposal to be rejected.**
- l) **Disposition of Proposals** – All materials, ideas, and formats submitted in response to this RFP will become the property of the University on receipt and may be returned only at the University's option and at the Proposer's expense. One copy shall be retained for official files.
- m) **Non-Endorsement** – If a proposal is accepted, the Service Provider shall not issue any news or other statements pertaining to the award or servicing of the agreement which state or imply University endorsement of Service Provider's services.
- n) **Non-Exclusive** – Service Provider understands and acknowledges that this will be a non-exclusive agreement between the Service Provider and California State University, Chico and that CSU, Chico retains the right to procure Materials Testing and Special Inspection services from others as may be needed by the University during the term of an agreement.
- o) **Small Business, Micro Business and Disabled Veteran Business Enterprise (DVBE) Participation** The University supports statewide goals for participation of small, micro, and disabled veteran business enterprises in state contracts. As such, respondents to this RFP are to include documentation if they are a small, micro, or DVBE vendor/contractor and data on any small, micro or DVBE suppliers or subcontractors that will be used to satisfy the requirements of the contract. Information on State of California Small Business, Micro Business and Disabled Veteran Business regulations is located at:
<https://www.dgs.ca.gov/PD/About/Page-Content/PD-Branch-Intro-Accordion-List/OSDS/OSDS>

**SUBMIT YOUR PROPOSAL NO LATER THAN the date and time listed in Section V.,
SUBMISSION OF PROPOSALS**

Technical questions or questions regarding RFP submission should be directed to Michael McNairn, Procurement & Contract Services, Email: mjmcnairn@csuchico.edu.

EXHIBITS:

- Exhibit 1 – Project Information Sheet (1 page) For editable page in Word format, click here:
<https://csuchico.box.com/s/1l6jizbqiygpen4nbaohv400t8hmiaf>
- Exhibit 2 – BSS Project Schedule (11 pages, initial schedule – subject to change)

Project Information Sheet

Firm Name _____

Project Name _____

Bldg. Gross Square Footage: _____ Building Type: _____

Location (City and State) _____

Owner Name, Address, & Telephone Number _____

Architect Name, Address & Telephone Number _____

Check Project Type: _____ Public _____ Private

Project Cost Amount: _____ Value of Your Contract: _____

Date Completed: _____ Contract Duration for Your Contract: _____

Check firm's area of responsibility on project:

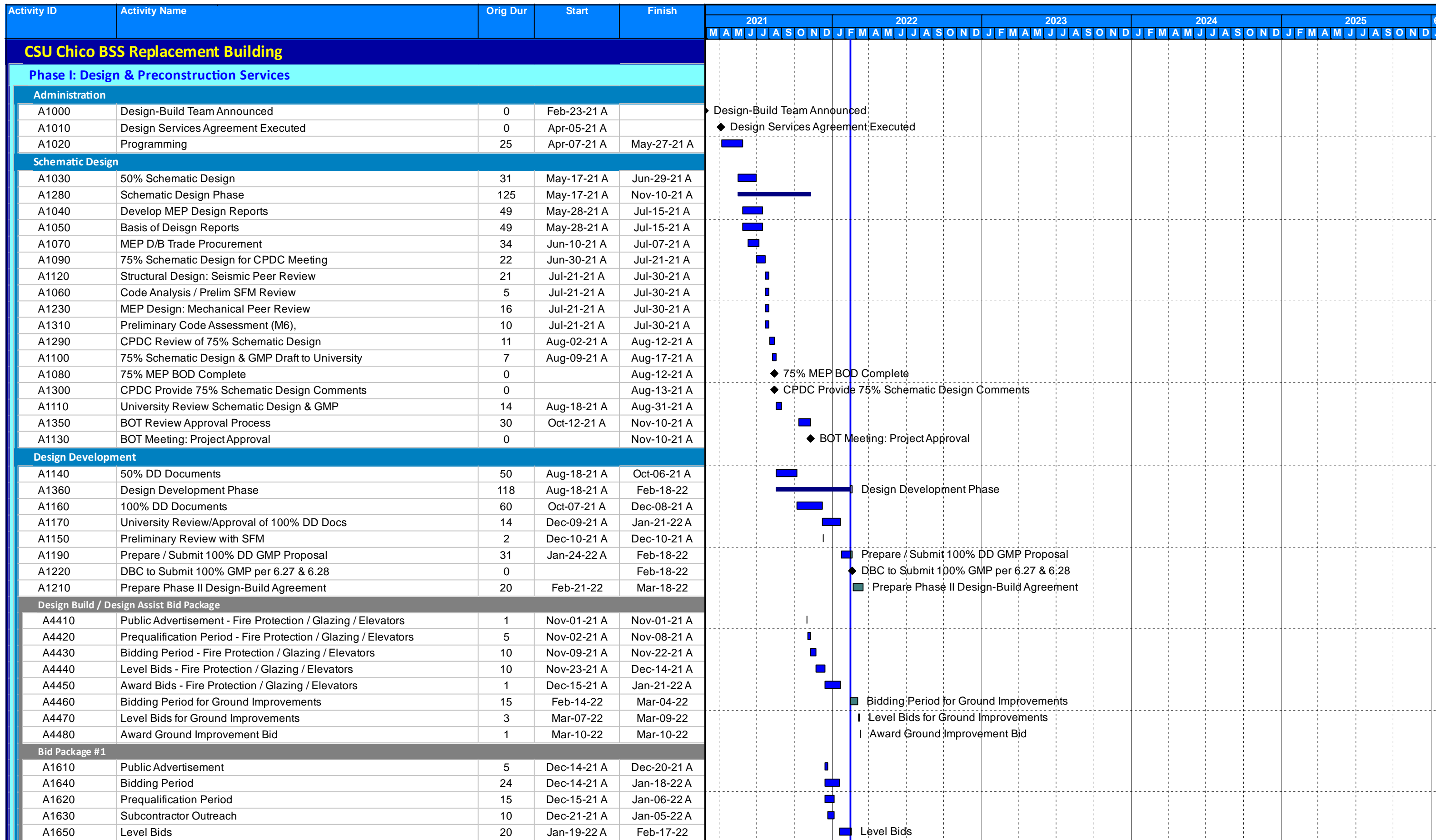
Inspector of Record _____ Special Inspection _____ Testing Lab _____

General description of services performed:

OTHER REFERENCES FOR THIS PROJECT

Name	Position	Phone Number
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_____	_____	_____
_____	_____	_____
_____	_____	_____



Activity ID	Activity Name	Orig Dur	Start	Finish	Schedule																																																								
					2021					2022					2023					2024					2025																																				
					M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D											
SK S 1020	Level 2 Curtain Wall / Storefront	10	Jul-14-23	Jul-27-23																																																								Level 2 Curtain Wall / Storefront	
SK S 1050	Brick Veneer	10	Aug-16-23	Aug-29-23																																																									Brick Veneer
SK S 1060	Level 3 Curtain Wall / Storefront	5	Aug-24-23	Aug-30-23																																											Level 3 Curtain Wall / Storefront														
SK S 1030	Metal Panel	10	Aug-30-23	Sep-14-23																																											Metal Panel														
Level 2 & 3 - East Elevation																																																													
SK E 1000	Complete Exterior Framing & Sheathing	5	Jul-07-23	Jul-13-23																																											Complete Exterior Framing & Sheathing														
SK E 1010	Air Barrier & Insulation	5	Jul-14-23	Jul-20-23																																											Air Barrier & Insulation														
SK E 1020	Level 2 Curtain Wall / Storefront	10	Jul-21-23	Aug-03-23																																											Level 2 Curtain Wall / Storefront														
SK E 1050	Brick Veneer	10	Aug-30-23	Sep-14-23																																												Brick Veneer													
SK E 1060	Level 3 Curtain Wall / Storefront	5	Aug-31-23	Sep-08-23																																												Level 3 Curtain Wall / Storefront													
SK E 1030	Metal Panel	5	Sep-15-23	Sep-21-23																																												Metal Panel													
Level 2 & 3 - North Elevation																																																													
SK N 1000	Complete Exterior Framing & Sheathing	7	Jul-14-23	Jul-24-23																																												Complete Exterior Framing & Sheathing													
SK N 1010	Air Barrier & Insulation	5	Jul-25-23	Jul-31-23																																												Air Barrier & Insulation													
SK N 1020	Level 2 Curtain Wall / Storefront	10	Aug-01-23	Aug-14-23																																												Level 2 Curtain Wall / Storefront													
SK S 1070	Level 3 Curtain Wall / Storefront	5	Sep-11-23	Sep-15-23																																												Level 3 Curtain Wall / Storefront													
SK N 1050	Brick Veneer	10	Sep-15-23	Sep-28-23																																												Brick Veneer													
Level 2 & 3 - West Elevation																																																													
SK W 1000	Complete Exterior Framing & Sheathing	7	Jul-25-23	Aug-02-23																																												Complete Exterior Framing & Sheathing													
SK W 1010	Air Barrier & Insulation	5	Aug-03-23	Aug-09-23																																												Air Barrier & Insulation													
SK W 1020	Level 2 Curtain Wall / Storefront	10	Aug-10-23	Aug-23-23																																												Level 2 Curtain Wall / Storefront													
SK S 1080	Level 3 Curtain Wall / Storefront	5	Sep-18-23	Sep-22-23																																												Level 3 Curtain Wall / Storefront													
SK W 1050	Brick Veneer	10	Sep-29-23	Oct-12-23																																												Brick Veneer													
SK W 1030	Composite Siding	10	Oct-13-23	Oct-26-23																																												Composite Siding													
Manhoist Leaveout																																																													
SK W 1060	Remove Manhoist	2	Dec-13-23	Dec-14-23																																												Remove Manhoist													
SK W 1070	Framing & Sheathing at Manhoist	5	Dec-15-23	Dec-21-23																																												Framing & Sheathing at Manhoist													
SK W 1080	Weather Barrier & Flashing at Manhoist	3	Dec-26-23	Dec-28-23																																												Weather Barrier & Flashing at Manhoist													
SK W 1110	Roofing at Manhoist	5	Dec-26-23	Jan-02-24																																												Roofing at Manhoist													
SK W 1090	Curtain Wall at Manhoist	5	Dec-29-23	Jan-05-24																																												Curtain Wall at Manhoist													
SK W 1120	Install Trellis at West Entrance	10	Jan-03-24	Jan-17-24																																												Install Trellis at West Entrance													
SK W 1100	Composite Siding at Manhoist	5	Jan-08-24	Jan-12-24																																												Composite Siding at Manhoist													
Roof																																																													
Main Roof																																																													
R 1010	MEP Hangers, Inserts, Sleeves, Roof Drains, Mechanical & PV Support	15	May-16-23	Jun-07-23																																											MEP Hangers, Inserts, Sleeves, Roof Drains, Mechanical & PV Supports, etc.														
R 1000	Penthouse/Interior Parapet Wall Framing & Sheathing	5	Jun-08-23	Jun-14-23																																												Penthouse/Interior Parapet Wall Framing & Sheathing													
R 1030	Plaster	15	Jun-15-23	Jul-07-23																																												Plaster													
R 1050	Flashing & Windows at Light Monitor	10	Jun-15-23	Jun-28-23																																												Flashing & Windows at Light Monitor													
R 1020	Deck Edge Smoke Barrier	5	Jul-05-23	Jul-11-23																																												Deck Edge Smoke Barrier													
R 1040	Roofing	20	Jul-12-23	Aug-08-23																																												Roofing													
R 1070	Install HVAC Equipment, Piping, Etc.	15	Aug-09-23	Aug-29-23																																												Install HVAC Equipment, Piping, Etc.													
R 1090	Coping & Counterflashings	5	Aug-09-23	Aug-15-23																																												Coping & Counterflashings													
R 1100	Install Roof Screen	10	Aug-16-23	Aug-29-23																																												Install Roof Screen													
R 1080	Install PV Array	20	Aug-30-23	Sep-28-23																																												Install PV Array													
Core Rooms																																																													
Level 1																																																													
L1 C 1000	Frame/Drywall/Tape/Paint Core Rooms	30	Jul-26-23	Sep-07-23																																											Frame/Drywall/Tape/Paint Core Rooms														
L1 C 1010	Electrical Room Buildout	25	Sep-08-23	Oct-12-23																																											Electrical Room Buildout														
L1 C 1020	Mechanical Room Buildout	25	Sep-08-23	Oct-12-23																																												Mechanical Room Buildout													
L1 C 1030	IDF Room Buildout	15	Sep-08-23	Sep-28-23																																												IDF Room Buildout													

Activity ID	Activity Name	Orig Dur	Start	Finish	2021												2022												2023												2024												2025											
					M A M J J A S O N D												J F M A M J J A S O N D												J F M A M J J A S O N D												J F M A M J J A S O N D												J F M A M J J A S O N D											
Level 2																																																																
L2 C 1000	Frame/Drywall/Tape/Paint Core Rooms	30	Aug-02-23	Sep-14-23																																																	<ul style="list-style-type: none"> Frame/Drywall/Tape/Paint Core Rooms 											
L2 C 1010	Electrical Room Buildout	20	Sep-15-23	Oct-12-23																																																	<ul style="list-style-type: none"> Electrical Room Buildout 											
L2 C 1020	IDF Room Buildout	15	Sep-15-23	Oct-05-23																																																	<ul style="list-style-type: none"> IDF Room Buildout 											
Level 3																																																																
L3 C 1000	Frame/Drywall/Tape/Paint Core Rooms	30	Aug-09-23	Sep-21-23																																																	<ul style="list-style-type: none"> Frame/Drywall/Tape/Paint Core Rooms 											
L3 C 1010	Electrical Room Buildout	20	Sep-22-23	Oct-19-23																																																	<ul style="list-style-type: none"> Electrical Room Buildout 											
L3 C 1020	IDF Room Buildout	15	Sep-22-23	Oct-12-23																																																	<ul style="list-style-type: none"> IDF Room Buildout 											
Vertical Construction																																																																
V 1020	Three-Side Framing at Elevator & Mechanical Shafts	10	Aug-09-23	Aug-22-23																																																	<ul style="list-style-type: none"> Three-Side Framing at Elevator & Mechanical Shafts 											
V 1000	Elevator Construction	50	Aug-23-23	Nov-02-23																																																	<ul style="list-style-type: none"> Elevator Construction 											
V 1010	Mechanical Shaft Construction	20	Aug-23-23	Sep-21-23																																																	<ul style="list-style-type: none"> Mechanical Shaft Construction 											
MEPFS Rough & Framing																																																																
Level 1																																																																
L1 M 1000	Fireproofing	7	May-16-23	May-24-23																																																	<ul style="list-style-type: none"> Fireproofing 											
South Side																																																																
L1 SM 1000	Primary Overhead MEP Rough	20	May-25-23	Jun-23-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L1 SM 1010	Framing	15	Jun-26-23	Jul-18-23																																																	<ul style="list-style-type: none"> Framing 											
L1 SM 1020	In-Wall Rough	15	Jul-05-23	Jul-25-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L1 SM 1030	Production Drywall	5	Aug-10-23	Aug-16-23																																																	<ul style="list-style-type: none"> Production Drywall 											
North side																																																																
L1 NM 1000	Primary Overhead MEP Rough	20	Jun-26-23	Jul-25-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L1 NM 1010	Framing	10	Jul-26-23	Aug-08-23																																																	<ul style="list-style-type: none"> Framing 											
L1 NM 1020	In-Wall Rough	15	Aug-02-23	Aug-22-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L1 NM 1030	Production Drywall	5	Aug-23-23	Aug-29-23																																																	<ul style="list-style-type: none"> Production Drywall 											
Level 2																																																																
L2 M 1000	Fireproofing	7	Jun-01-23	Jun-09-23																																																	<ul style="list-style-type: none"> Fireproofing 											
South Side																																																																
L2 SM 1000	Primary Overhead MEP Rough	20	Jul-26-23	Aug-22-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L2 SM 1010	Framing	15	Aug-23-23	Sep-14-23																																																	<ul style="list-style-type: none"> Framing 											
L2 SM 1020	In-Wall Rough	15	Aug-30-23	Sep-21-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L2 SM 1030	Production Drywall	10	Sep-22-23	Oct-05-23																																																	<ul style="list-style-type: none"> Production Drywall 											
North side																																																																
L2 NM 1000	Primary Overhead MEP Rough	20	Aug-23-23	Sep-21-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L2 NM 1010	Framing	15	Sep-22-23	Oct-12-23																																																	<ul style="list-style-type: none"> Framing 											
L2 NM 1020	In-Wall Rough	15	Sep-29-23	Oct-19-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L2 NM 1030	Production Drywall	10	Oct-20-23	Nov-02-23																																																	<ul style="list-style-type: none"> Production Drywall 											
Level 3																																																																
L3 M 1010	Fireproofing at Level 3 Priority Steel	5	Jun-12-23	Jun-16-23																																																	<ul style="list-style-type: none"> Fireproofing at Level 3 Priority Steel 											
L3 M 1000	Fireproofing	8	Aug-09-23	Aug-18-23																																																	<ul style="list-style-type: none"> Fireproofing 											
South Side																																																																
L3 SM 1000	Primary Overhead MEP Rough	20	Aug-21-23	Sep-19-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L3 SM 1010	Framing	15	Sep-20-23	Oct-10-23																																																	<ul style="list-style-type: none"> Framing 											
L3 SM 1020	In-Wall Rough	15	Sep-27-23	Oct-17-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L3 SM 1030	Production Drywall	10	Nov-03-23	Nov-17-23																																																	<ul style="list-style-type: none"> Production Drywall 											
North side																																																																
L3 NM 1000	Primary Overhead MEP Rough	20	Sep-20-23	Oct-17-23																																																	<ul style="list-style-type: none"> Primary Overhead MEP Rough 											
L3 NM 1010	Framing	15	Oct-18-23	Nov-07-23																																																	<ul style="list-style-type: none"> Framing 											
L3 NM 1020	In-Wall Rough	15	Oct-25-23	Nov-15-23																																																	<ul style="list-style-type: none"> In-Wall Rough 											
L3 NM 1030	Production Drywall	10	Nov-20-23	Dec-05-23																																																	<ul style="list-style-type: none"> Production Drywall 											
Interior Finishes																																																																



Activity ID	Activity Name	Orig Dur	Start	Finish	Gantt Chart																																																											
					2021												2022												2023												2024												2025											
					M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D		
A4220	Interior Buildout at Manlift	30	Jan-03-24	Feb-14-24	Interior Buildout at Manlift																																																											
Level 1																																																																
L1 SF 1000	Level 1 South Finishes	50	Aug-17-23	Oct-27-23	Level 1 South Finishes																																																											
L1 NF 1000	Level 1 North Finishes	50	Aug-31-23	Nov-13-23	Level 1 North Finishes																																																											
Level 2																																																																
L2 SF 1000	Level 2 South Finishes	50	Oct-06-23	Dec-19-23	Level 2 South Finishes																																																											
L2 NF 1000	Level 2 North Finishes	50	Nov-03-23	Jan-22-24	Level 2 North Finishes																																																											
Level 3																																																																
L3 SF 1000	Level 3 South Finishes	50	Nov-20-23	Feb-05-24	Level 3 South Finishes																																																											
L3 NF 1000	Level 3 North Finishes	50	Dec-06-23	Feb-20-24	Level 3 North Finishes																																																											
Final Sitework																																																																
SW 1000	Build Enclosure & Install Generator	20	Sep-15-23	Oct-12-23	Build Enclosure & Install Generator																																																											
SW 1010	Hardscape at South and East Sides	15	Sep-29-23	Oct-19-23	Hardscape at South and East Sides																																																											
SW 1020	Hardscape at North Side	20	Oct-20-23	Nov-17-23	Hardscape at North Side																																																											
SW 1050	Hardscape at West Side	20	Jan-18-24	Feb-14-24	Hardscape at West Side																																																											
SW 1040	Landscaping	20	Feb-01-24	Feb-29-24	Landscaping																																																											
SW 1030	Replace Hardscape/Landscape at Church	20	Feb-15-24	Mar-14-24	Replace Hardscape/Landscape at Church																																																											
Startup/Testing/Commissioning																																																																
T 1070	Startup & Test Electrical Equipment	20	Oct-20-23	Nov-17-23	Startup & Test Electrical Equipment																																																											
T 1080	Mechanical and Plumbing Startup	15	Feb-21-24	Mar-12-24	Mechanical and Plumbing Startup																																																											
T 1090	HVAC TAB	10	Mar-13-24	Mar-26-24	HVAC TAB																																																											
T 1100	HVAC Commissioning	20	Mar-27-24	Apr-23-24	HVAC Commissioning																																																											
T 1050	LEED Flush	20	Jun-03-24	Jun-28-24	LEED Flush																																																											
Punchlist																																																																
T 1110	Final Clean	20	Feb-21-24	Mar-19-24	Final Clean																																																											
T 1060	Owner/Architect Punchwalk & Acceptance	20	Mar-20-24	Apr-16-24	Owner/Architect Punchwalk & Acceptance																																																											
Final Inspections & Turnover																																																																
T 1000	Schedule & Perform State Elevator Inspection	15	Nov-20-23	Dec-12-23	Schedule & Perform State Elevator Inspection																																																											
T 1010	Fire Alarm Inspections	10	Mar-13-24	Mar-26-24	Fire Alarm Inspections																																																											
T 1020	Fire/Life/Safety Final Inspections	20	Mar-27-24	Apr-23-24	Fire/Life/Safety Final Inspections																																																											
T 1030	IOR Final Inspection	5	Apr-24-24	Apr-30-24	IOR Final Inspection																																																											
T 1040	Certificate of Occupancy	1	May-01-24	May-01-24	Certificate of Occupancy																																																											
A1560	Inclement Weather Allowance (20-Days per Year)	30	May-02-24	May-31-24	Inclement Weather Allowance (20-Days per Year)																																																											
A1580	Notice of Completion	0		May-31-24*	Notice of Completion																																																											
A1570	Campus Group II Outfitting	20	Jun-03-24*	Jun-22-24	Campus Group II Outfitting																																																											
A1770	Relocate from Butte Hall	10	Jun-24-24	Jul-09-24	Relocate from Butte Hall																																																											
A1590	Classes Begin/ Building Operations Begin	0		Aug-19-24*	Classes Begin/ Building Operations Begin																																																											



MASTER PROJECT SCHEDULE
CSU Chico BSS Replacement Building

