



### JOB ORDER CONTRACTING PRE-BID CONFERENCE CSU Chico 10/11/2022 09:00am



# Agenda



- Introductions
- Overview
- Solicitation
- Contract Documents
- The Construction Task Catalog
- Adjustment Factors

- Factor risks
- Calculating your Bid
- The Bid Process
- JOC Process
- Bid Considerations
- Milestones
- Questions and answers







Attendance today is required to submit a bid. Please enter your name, company, and email address in the chat in order to receive credit for attending Failure to do so will prevent your bid from being accepted.







### **Overview** Joc is an indefinite delivery/indefinite quantity or Umbrella contract



# **Types of Projects**



From one competitively bid and then awarded contract, you are able to complete an indefinite number of Job orders



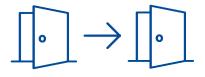
Remodeling



Repairs



Renovations



Replacement in-kind



Maintenance

A

Emergency Work



Time sensitive projects

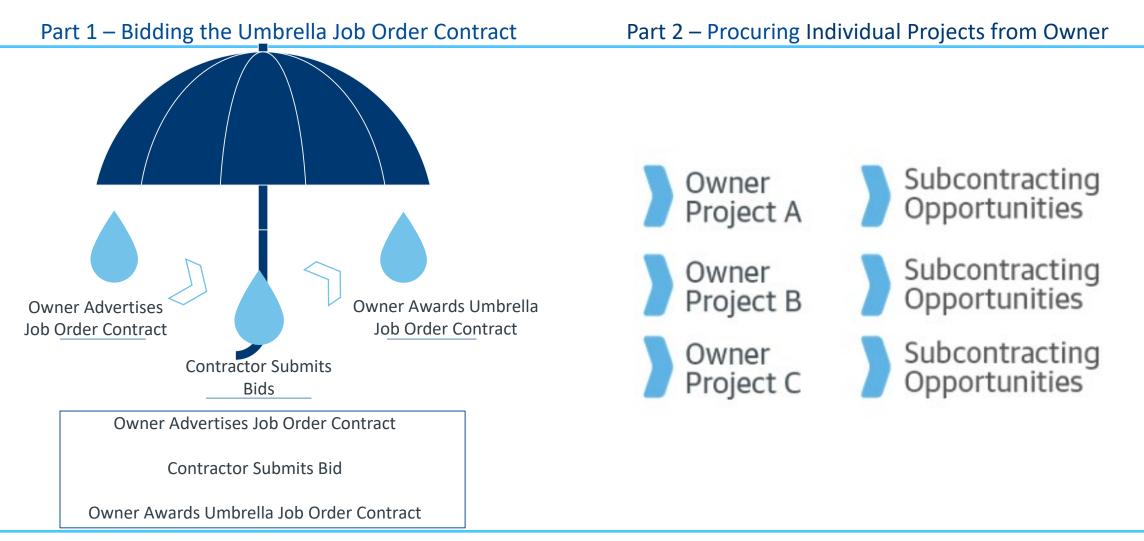


Alterations



### **Umbrella Contract**







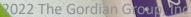
### **JOC Benefits**

- Simplifies procurement
- Responsive contractors rewarded
- Improves the quality of work
- Increases local subcontractor participation
- Volume is driven by performance
- Collaborative by design

**G**&RDIAN®

- Reduces Risk & increases transparency
- A Fixed Priced, Fast Track Procurement Process, JOC allows for a higher percentage of job orders to be delivered on time and within budget





0

# **History with CSU**



# More than \$750M in job orders completed since 1999:

- Classroom and Lab remodels
- Hazmat abatement
- Dorm Upgrades
- Roofing
- Mechanical & HVAC
- Electrical & lighting
- Parking lot repaving
- Immediate Response





### **Contract Bid Documents**



- Front end documents
- Technical Specifications
- Construction Task Catalog<sup>®</sup>





### **Front End Documents**



- Notice to Contractors
- Bid Form (Sample)
- General Conditions (Chancellor's Office)
- Supplementary General Conditions (Chancellor's Office
- Special Conditions (Campus specific)
- CTC and Tech Specs incorporated
- Pre-qualifications (Chancellor's Office and Campus)
- Sample Forms

	BID PROPOSAL FORM JOB ORDER CONTRACT, BID NUMBER 3863 California State University, Bakernfield 9001 Stockable Hwy Bakernfield, CA 39311
To the Trustees of	the California State University, on behalf of the State of California (hereinafter called the Trustees):
documents, hereby equipment, expend a workmanlike mas	dodar, who is familiar with the local conditions affiring the cost of the work and with the contract proposes, with the rates stand below, to provide and familih all of the labor, materials, tools, oble and otherwise, appearins, facilities, transportation, and permits, and to perform and complete in mar and within the specified time the work required, all in accordance with the contract documents in grices as dynamics is herinafter set forth.
	ands that the Trustees reserve the right to reject any or all bids, to waite minor irregularities in any te contract to the lowest responsible bidder.
	SHALL ACKNOWLEDGE EACH ADDENDUM RECEIVED ON THE LINE BELOW
The bid is subject t regarding instructio for rejection of this	o the provisions contained in the Contract General Conditions (note especially Article 200 et seq. ns to bidders), and the bidder agrees that failure to comply with the conditions thereof shall be besis bid.
Trustees, and delive University, Bakers	abenited on this Proposal Form, complete/self.ine( out too, in a statied exployer provided by the seat to the Procurement Office (Rm 102) with A communities. Your Building #05 in California State abb before 300 pm.s on Wednesder Yune 8, 200 or it with A caregorided. The Frustees will im prequalified contractors with a Careen California State License Board-assued type B license and Papartment of Dubatismia Relation (Poblic Work Registration number).
the directions giver	on of bidders is particularly cause to the fact that unless the bid is made in strict conformity with , it will be considered informal and may be rejected
Schedule of Prices The undersigned ag for in each individu Specifications inco	rees to perform all work required, accessing, proper for, or incidental to completing the work called all pobleder institution of the Order Communication of the Construction Task Catalog and Technical ported herein with the globum real summary interest.
Normal Working H Undersigned shall p in individual job or multiplied by the a	erform any or all functions called for during normal working hours in the quantities specified ders argunst this contract for the unit price sum specified in the Construction Task Catalog
Other Than Norma	Working Hores
Understand shall quantities specifies Construction Task	enform any or all functions called for during other than normal working hours in the line weighting yob orders against this contract for the unit price sum specified in the Catalog multiplied by the adjustment factor of
NOTE - NO	ACTOR MAY BE LESS THAN THE NORMAL WORKING HOURS ADJUSTMENT FACTOR.
specified in individ	Hours perform any or all functions called for during premium working hours in the quantities ual job orders against this contract for the unit price sum specified in the Construction Task by the adjustment factor of
	(Specify to four (4) decimal places)
NOTE - NO	FACTOR MAY BE LESS THAN THE NORMAL WORKING HOURS ADJUSTMENT FACTOR.
	Construction Mgms. 700 051 - \$715



### **General Conditions**



- Bid requirements
- Award and Execution Process
- Conduct of Work
- Scope and Procedure for Job Order Work
- Interpretation of and Adherence to Contract Requirements
- Changes in the Work
- Claims and Damages
- Payment and Closeout





# JOC Technical Specifications California State

- Specifies Quality of Materials and Workmanship
- Corresponds with Tasks in the Construction Task Catalog<sup>®</sup>
- Order of Precedence
  - Campus Specifications
  - A/E Specifications
  - JOC Technical Specifications





## **Construction Task Catalog®**



- Catalog of more than 280,000 Pre-Priced Construction Tasks
- Organized by Construction Specifications Institute (CSI)
- Based on Local Labor, Material & Equipment Costs within a <u>15-25</u> <u>mile</u> radius of campus
- The tasks represent the "Scope of Work" for the umbrella contract on which you are bidding
- Current Prevailing Wage rate applies
- Direct cost of construction *only*



### **Construction Task Catalog**®



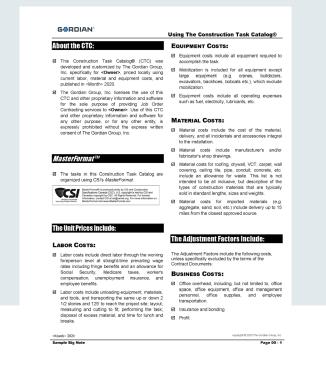
	Exterior Improvement	nts 32	
	Bases, Ballasts, And Pav Unit Pav		32
MINOR CSI UO		DIRECT DEMOLITION	r,
32 16 13 Cu Note secti 32 16 13 13 32 16 13 13-000 32 16 13 13-0002	Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing. LF 6" X 12" Cast In Place Concrete Curb	88 88 50 63 61 01 01	on



# Understanding the Construction Cost Catalog®



- Is a CONTRACT DOCUMENT
- Contractor must review and understand "Using the Construction Task Catalog<sup>®</sup>"
- Rules of the game
- Make sure you get paid for all appropriate tasks
- Pages 00 1 to 00-6 of the CTC
- See the link to the landing page below for more details
  - <u>CSU JOC Landing Page</u>





### Understanding the Construction Cost Catalog<sup>®</sup>



**General Rules:** 

- Unit Prices are for Complete and In-Place Construction
- Unit Prices Include Labor, Material and Equipment. Do Not Add Labor to Repointing Task.
- Unit Prices Include the Cost of Delivery to Project Site, Unloading, Storage and Handling. Delivery Height is up to 2 ½ Stories ,and Distance is 150' from lay down.
- Unit Prices Include Testing, Calibration, and Balancing, etc. of all new work .
- Unit Prices Include all Fasteners, Bolts, Anchors, Adhesives etc., for almost all new work.
- Tasks to install Windows, Doors, Frames, Countertops Etc. all include sealant and caulk so they cannot be added to a proposal where they have already been considered



### Understanding the Construction Cost Catalog<sup>®</sup>



Contractors Never Get Paid Separately For:

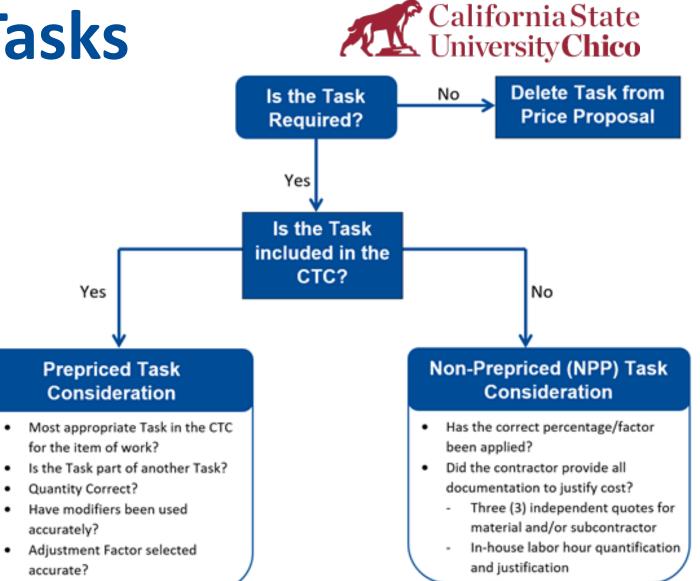
- Moving and Returning Furniture Occupying Less than 55% of Floor Area. For Example, Moving Classroom Furniture to Paint
- Labor for Protecting Work in Place. For Example, a Laborer to Stay After a Concrete Pour
- Minor Barricades and Signage. Jobsite posters, non-working staff.
- Portable Toilets, Field Office, Field Office Equipment for Contractor's Use
- Layout, Site Engineering for the Work Itself, daily clean up or final cleaning.



# **Non Pre-Priced Tasks**

٠

- Contractor must have permission from the University to use a Non Pre-Priced Task prior to submission
- Three (3) Quotes on vendors' or subcontractors' letterhead
- Justification for less than three (3) Quotes
- Contractors mark-up is a set NPP Factor. Normal working hours times 1. 15% with a maximum factor of 1.1500.







### **Detailed Scope of Work**



- This documents a thorough account of activities the contractor must perform to complete the job.
  - Collaborative document between owner and contractor
  - Defines the project's scale, location, and description
  - Details out items such as paint color, types of materials, strength of concrete required, etc.
- An agreed upon Scope of Work is very important! This is a prime opportunity for the contractor and campus to dissect the project into smaller details and produce an agreed scope of work to be used to build an accurate price proposal.



### **Contractor Adjustment Factor**



#### Importance of Adjustment Factors

- Determines Lowest Bidder AND
- Used to Price Every Individual Work Order
- Price Proposal Total Becomes the total Job Order Price
- DO this several times to refine your factors.

	Unit Price	X	Quantity	X	Adjustment Factor	=	Total for Task
	Unit Price	x	Quantity	X	Adjustment Factor	=	Total for Task
+	Unit Price	X	Quantity	x	Adjustment Factor	=	Total for Task

**Total Job Order Price** 



## **Adjustment Factors**



- Your Adjustment Factors must include (but not limited to):
  - All overhead, profit and taxes for the contractor and subcontractor
  - All Prep and modifications of proposals
  - Office trailers and portable toilets
  - Construction vehicles and storage devices
  - All PPE
  - Daily and final clean-up
  - Protection of all surfaces
  - Mandatory site supervision and management meetings
  - All osha required job site postings and safety precautions

\*please review Understanding the Construction Cost Catalog<sup>®</sup> for comprehensive listing\*



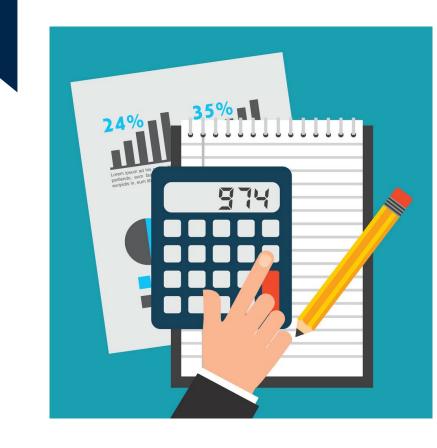
### Risks of Low Adjustment Factor



- Leads to Arguments in Proposal Review
  - Unsupportable/Illegal Tasks (Fraud)
  - Exaggerated Quantities (Fraud)
- Leads to Delays in Work Order Development
  - Takes Longer to Review Proposals
- Creates an Adversarial Relationship
  - Reduced Volume of Work
  - Will Shorten Contract/ Leads to Cancellation
  - Lost Profitability and Reputation
- No Second Chance to Improve your Margin



### **Method to Calculate Factors**



- 1. Use Historical Project Data
- 2. Select a Completed Project You Know Scope and Direct Costs
- 3. Price Project From CTC
- 4. Add on Overhead and Profit
- 5. Calculate the Adjustment Factors







### Proposal Building Example Project

- Select multiple projects that you are familiar with based on your trade
  - Doors and Hardware
  - Interior Lighting
  - Plumbing Fixtures
  - Replace Boiler
  - Include any exclusions
  - Normal Working Hours Apply



### Sample Price Costs: CTC vs. Historical Cost



# Direct Cost of Work from Quotes or Estimates Based on Your Trade, vs Tasking from the CTC

Replace Boiler	\$ 33,055.73	Replace Boiler	\$ 34,500.00
<ul> <li>Doors/Hardware</li> </ul>	\$ 8,282.09	<ul> <li>Doors/Hardware</li> </ul>	\$ 7,250.00
<ul> <li>Lighting</li> </ul>	\$ 13,119.77	<ul> <li>Lighting</li> </ul>	\$ 12,750.00
<ul> <li>Plumbing</li> </ul>	\$ 11,886.53	<ul> <li>Plumbing</li> </ul>	\$ 10,500.00
TOTAL = \$ 66	,344.12	TOTAL =	\$ 65,000.00



### Sample Price Costs: Putting it all together

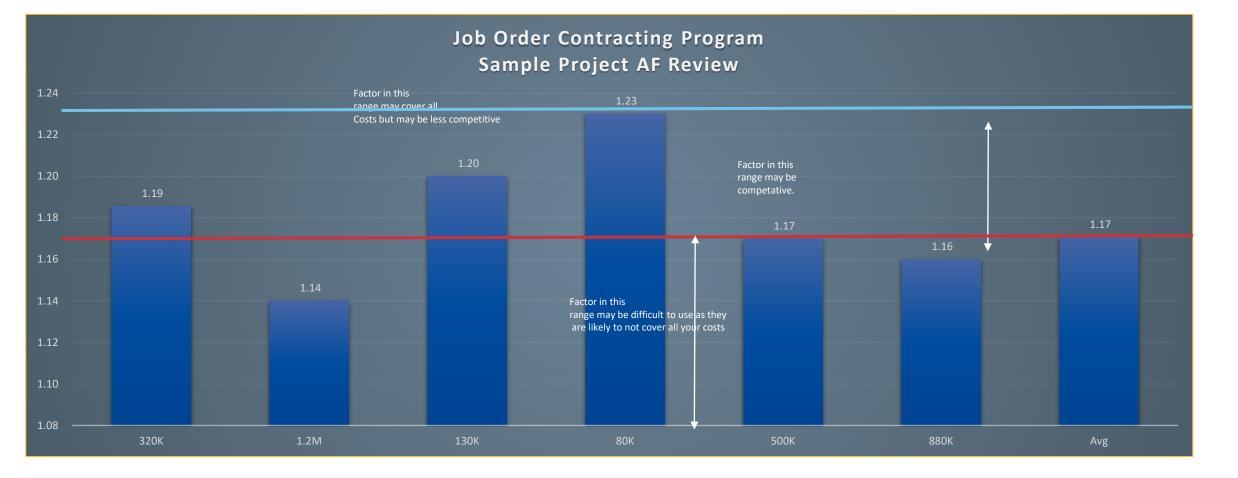


- \$65,000.00 Direct Cost of Work from Quotes • A. Overhead 10%\* \$ 6,500.00 • B. Subtotal (Cost & O/H) \$71,500.00 • C. D. Profit 10%\* \$ 7,150.00 • Subtotal (Cost & O/H & Profit) \$78,650.00 • E. Price From CTC \$66,344.12 • F.
- Adjustment Factor (= E / F) = 1.1855

\*Sample Only. Contractor to determine O/H & Profit. Prepare this calculation for more than one sample project.



### Sample Price: Putting it all together



#### **G**<sup>®</sup>**RDIAN**<sup>®</sup>



## **Bidding Process**



- Award Based on Competitive Bid
  - Must Bid 3 Adjustment Factors:

Normal Working Hours: 7:00 am to 5:00 pm Monday to Friday, except Holidays Other Than Normal Working Hours: 5:00 pm to 7:00 am Monday through Saturday Premium Working Hours: Sundays and Holidays

- Adjustment Factors Apply to All Tasks in the CTC and any NPP's for the duration of the contract.
- Each Adjustment Factor is Weighted to Create an Award Criteria Figure
- Lowest composite score from a Responsive, Responsible Bidder is Determined to be the Lowest bidder



### Filling Out the Bid Form



#### Schedule of Prices

The undersigned agrees to perform all work required, necessary, proper for, or incidental to completing the work called for in each individual job order issued under this Job Order Contract using the Construction Task Catalog and Technical Specifications incorporated herein with the following adjustment factors:

#### Normal Working Hours

Undersigned shall perform any or all functions called for during normal working hours in the quantities specified in individual job orders against this contract for the unit price sum specified in the Construction Task Catalog multiplied by the adjustment factor of:

#### Other Than Normal Working Hours

Undersigned shall perform any or all functions called for during other than normal working hours in the quantities specified in individual job orders against this contract for the unit price sum specified in the Construction Task Catalog multiplied by the adjustment factor of:



(Specify to four (4) decimal places)

NOTE - NO FACTOR MAY BE LESS THAN THE NORMAL WORKING HOURS ADJUSTMENT FACTOR.

#### Premium Working Hours

Undersigned shall perform any or all functions called for during premium working hours in the quantities specified in individual job orders against this contract for the unit price sum specified in the Construction Task Catalog multiplied by the adjustment factor of:



(Specify to four (4) decimal places)

NOTE - NO FACTOR MAY BE LESS THAN THE NORMAL WORKING HOURS ADJUSTMENT FACTOR.





### Filling Out the Bid Form

**BASIS OF CONTRACT AWARD:** The award formula below is an integral part of this proposal, and to be responsive, the bidder shall quote for the total works above, and shall also complete the award formula below.

#### **AWARD FORMULA**

Line 1.	Normal wo	orking hours Adjustment Factor	1.	<u>1.2034</u>
	Line 2.	Multiply Line 1 by (80) %	2.	0.9627
Line 3.	Other thar	n normal working hours Adjustment Factor	3.	<u>1.2500</u>
	Line 4.	Multiply Line 3 by (15) %	4.	<u>0.1875</u>
Line 5.	Premium v	working hours Adjustment Factor	5.	<u>1.2900</u>
	Line 6.	Multiply Line 5 by (5) %	6.	<u>0.0645</u>
Line 7.	Add Lines	2 and 4 and 6		
(This is th	ne weighted,	composite bid for this contract.)	7.	<u>1.2147</u>

#### **G**<sup>®</sup>**RDIAN**<sup>®</sup>

# **Bids Package Requirements**



- After successful pre-qualifications you will complete and submit the following as your Bid:
  - 1. Bid Proposal Form
  - 2. Bidders Bond / Security
  - 3. Certification of DIR registration
  - 4. Certificate of Appropriate Licenses and California Co.
  - 5. Affidavit of Joint Venture
  - 6. DVBE /Small Business Preference incentives & Certification (If applicable.)
  - 7. Non-Collusion Affidavit
  - 8. Bid Proposal Form Signature Page





- Prior to Bidding the CSU Cannot:
  - Identify or Commit to any Specific Project or Location
  - Identify or Commit to any Specific CTC Tasks or Quantities
- 3 Contracts to be offered on this solicitation

Contract	Contract Type	Maximum Contract Duration	Minimum Contract Value	Initial Maximum Contract Value	Initial Payment & Performance Bonding (Each)	Bid Security
JOC 2022 IFB2022-05 MM	General Construction, B	1 year	\$0	\$1,000,000	\$1,000,000	\$25,000





### • SB/DVBE Brief Overview (continued)

- DVBE Mandatory 3% participation for Disabled Veteran Business Enterprises (SGC Article 2.12 and CGC Article 5.05-E)
  - Required documentation: DVBE Compliance Form (DVBE-C), DVBE Transmittal Form, (Attachment 1), Bidder's Certification (Attachment 2), DVBE Declaration STD 843
- DVBE Bid Incentive
  - CGC Article 2.12
  - Exceed 3% DVBE participation requirement
- <u>https://caleprocure.ca.gov/pages/PublicSearch/supplier-search.aspx</u>
- <u>http://www.dgs.ca.gov/pd/Programs/OSDS/GetCertified.aspx</u>

DVBE Participation	Incentive
3.00% to 3.99%	None
4.00% to 4.99%	1%
5.00% to 5.99%	2%
6% or more	3%





- Differing Site Conditions or Changes in Scope
  - Priced from Construction Task Catalog<sup>®</sup>
  - Supplemental Job Order
  - No Negotiated Change Orders
- Filings and Permits
  - Fees paid for all Permits reimbursed 100% No Markup
- Liquidated Damages
  - On a Job Order by Job Order basis
  - Sliding Scale Based on Job Order Value
- SBE 5% Bid Advantage (Review requirements in the General Conditions)
- DVBE 3 %Bid incentive (Review requirements in the General Conditions)
- DVBE Participation Requirement of 3% for all awardees on all contracts
- Bid Security: \$25,000





### Internet Based Software Provided with Contract

- Software Training Expedites the Job Order Process in GordianCloud
  - Price Proposal building and review
  - Ongoing training as needed for new hires
  - Troubleshooting
  - Subcontractor tracking

G®RDIAN	∉				
() Dashboard	Acti	ve Contract	s <del>.</del>		
Scontracts		NUMBER	NAME	DEPARTMENT	GROUP
Projects	>	2-16-DNM-011	Maintentance Contract for Schools	Facilities	Organizational I Consultant,Prod
Directory	>	DNM-2016- C001	Facilities Maintenance Contract - County Administrative Offices	Facilities	Organizational D Consultant
		DNM-2016- AEC002	Design Services for County Administrative Offices	Procurement	Organizational D Consultant,Proc
🔅 Settings <	-				

### Prequalifications



Each interested contractor, must comply with bidding provisions of Article 2.00 et seq. in the Contract General Conditions, and should be familiar with all the provisions of the Contract General Conditions, Supplementary Conditions, and Special Conditions, especially Article 2.02, regarding the necessity to prequalify with the Trustees ten (10) business days prior to the bid date. Two prequalification's are required to submit a bid.

### Financial "Systemwide" Pre-qualification and Supplemental Pre-qualification submissions due: not later than Wednesday, October 19<sup>th</sup>, by 5:00 P.M.

Bidders must be prequalified with the Trustees. Contractors shall register and log in to "PlanetBids" to apply for prequalification at

http://www.calstate.edu/cpdc/cm/contractor\_prequal\_bidders.shtml.

In addition to the Systemwide Prequalification, prospective bidders must also receive and complete a **Supplementary Prequalification** which is provided on the website:

#### https://www.csuchico.edu/purc/supplier-vendor-info/joc-2022.shtml

Interested Bidders must complete and submit the Supplementary Prequalification Form via email to:

#### cocm.prequal@calstate.edu

Once a Prospective Bidder is prequalified, they shall submit both a copy of their CSU Systemwide prequalification receipt and Supplementary Prequalification receipt to receive a bid package.



# **Bid Opening**



#### Submitting a Bid Package:

- The Trustees of the California State University will receive sealed bid proposals from pre-qualified Contractors by hard copy, mailed or hand delivered to:
- California State University Chico, Procurement & Contract Services, 400 West 1st Street, Chico, CA, 95929.

Until Wednesday, November 2nd, 2022, at 3:00pm, at which time bids will be un-sealed . (Any proposal(s) received after 3:00 pm will be rejected)

#### **Bid Opening:**

- The bid opening meeting will be via Zoom, and a link to the meeting will be made available by October 21, 2022.
- The link will be posted on our website and will also be emailed to the prospective bidders.



## **Due Dates and Questions**



- All questions concerning this solicitation must be received via email no later than:
  - Friday October 14th, 2022, by 5:00 P.M.
- Submit questions to: Michael McNairn, <u>mjmcnairn@csuchico.edu</u>
- <u>Systemwide Financial Prequalification Forms and Supplemental</u> <u>Prequalification Forms due not later than:</u>
  - Wednesday, October 19<sup>th</sup>, 2022, by 5:00 P.M.
- Bids are due by

• Wednesday, November 2<sup>nd</sup>, 2022 at 3:00pm

