



County of San Luis Obispo Department of Public Works 2024 Job Order Contracting JOC-24.1

April 25, 2024



Pre-Bid Conference Agenda

COUNTY

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- San Luis Obispo County Job Order Contract History
- JOC Overview
- JOC Contract Documents
- JOC Process
- Solicitation Details
- Understanding the Construction Task Catalog[®] (CTC)
- Calculating the Bid
- Bid Considerations & Review
- Contractor Adjustment Factors
- Risk of Low Adjustment Factors
- Questions

County JOC Overview

- Using Job Order Contracting for close to 25 years
- Typically uses JOC for:
 - Facility repair and renovation projects
 - Straightforward work items
 - Replacements in kind
- County Public Works has trained and dedicated staff to manage JOC projects
- Work with various departments including architectural services, roads, facilities, transportation, water quality, utilities, parks, etc.

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• Tens of millions of dollars of work ordered since inception of program



JOC Overview



Definition

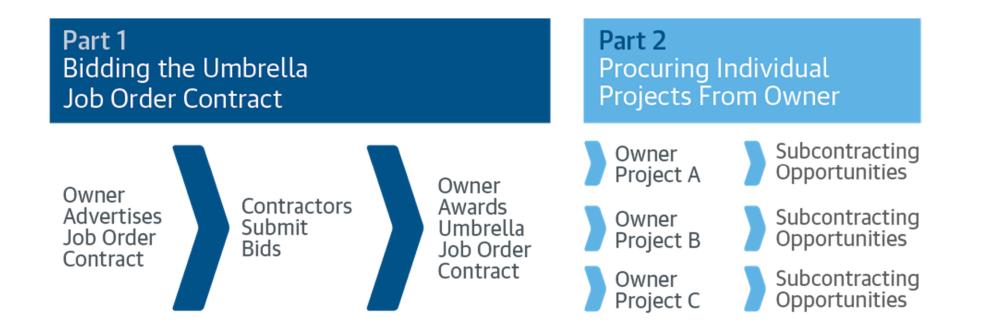
- Indefinite delivery/indefinite quantity process (IDIQ)
- Enable contractors to complete a substantial number of individual projects with a **single bid**
- Tasks based on competitively-bid, preset prices

Value

- Saves time and money
- Provides transparency and auditability

JOC Overview: Umbrella Contract





JOC Overview: Why JOC Works For Contractors

- Good work is rewarded with more work
- Profit is a function of volume
- Volume is driven by performance
- JOC provides a steady flow of work
- Win a higher percentage of proposed projects
- Easier process for project proposals
- Long-term relationship with San Luis Obispo County
- Ability to sell value, not just compete to be the lowest price

JOC Overview: Why JOC Works For Contractors



- Reduced Risk
 - Fixed prices
 - No negotiations
 - Payment for every element of work performed
 - Ability to provide input during scope development
 - Eliminates quibbling over change orders
 - Reduced chance of claims
- Build bond capacity
- Larger presence and enhanced reputation in the local community



JOC Overview: Why JOC Works For the County



- A fixed priced, fast track procurement process
- Job orders are lump sum
- The ability to accomplish a substantial number of individual projects with a single competitively bid contract
- Contractor has a continuing financial incentive to provide
 - Responsive services
 - Accurate proposals
 - Quality work on time
 - Timely close out
- Future purchase orders tied to contractor performance
 - No obligation to award specific projects
 - San Luis Obispo County can use all other methods for accomplishing projects

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JOC Overview: Why JOC Works For the County



- No bonding requirement for the subcontractor, faster payment, and less red tape, thereby expanding business opportunities for small businesses
- San Luis Obispo County reviews all subcontractors prior to issuing Job Orders
- Increases Transparency
- Schedule Flexibility
 - No shelf life for prices or job orders
 - Fast procurement cycle is good for end of fiscal year projects



JOC Overview: Why JOC Works For the County

• JOC is a recognized method of procurement under the California Public Contract Code.

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- The JOC method of procurement allows us flexibility that sits between the \$60K threshold for direct construction purchase orders and informal/formal bid. Informal/formal bid requires full plans and specs and takes more time.
- JOC allows us to maintain, repair and remodel our existing facilities and infrastructure per the Facilities Condition Assessment (FCA) and ADA Transition Plan.



JOC Overview: The Process





The Contract Documents





Volume I

- Part One: Instruction and Execution Documents
- Part Two: Terms and Conditions

Volume II: The Construction Task Catalog®

Volume III: The Technical Specifications

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The Contract Documents: Front End Documents



Volume I

- Notice To Contractors
- Contract Conditions
- Bid Forms

CONTRACT DOCUMENTS

FOR

24.1 JOB ORDER CONTRACT

PROJECT: JOC 24.1



April 2024

DEPARTMENT OF PUBLIC WORKS COUNTY OF SAN LUIS OBISPO

The Contract Documents: Construction Task Catalog®

Volume II: The Construction Task Catalog®

- Catalog of Pre-Priced Construction Tasks
- Organized by Construction Specifications Institute (CSI)
- Based on local labor, material & equipment costs
- The tasks represent the "Scope of Work" for the contract



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Job Order Contract Construction Task Catalog®

CSI Division 01-50 February 2024

County of San Luis Obispo Public Works Department JOC 2024



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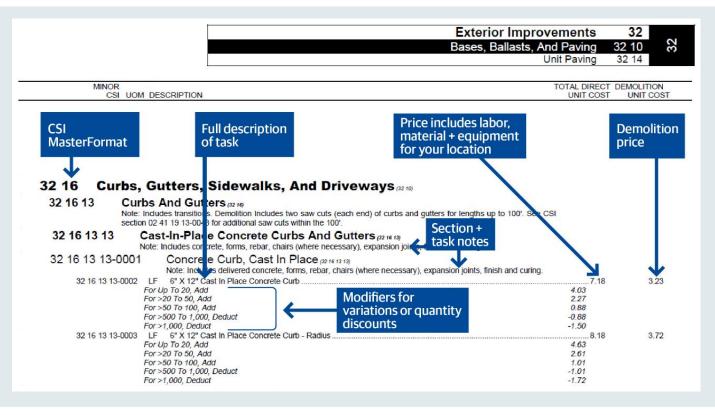


Volume II: The Construction Task Catalog®

- Contractor must review and understand "Using the Construction Task Catalog[®]" aka Big Notes. Located on pages 00 – 1 to 00 – 6 of the CTC.
- These are the basic rules of the game
- Make sure you get paid for all appropriate tasks

About the CTC:			measuring and cutting to fit; performing the Task; disposal of excess material; and time for lunch and breaks.
developed and d	on Task Catalog® (CTC) was sustomized by The Gordian Group,	E	QUIPMENT COSTS:
Public Works	for County of San Luis Obispo, Department, priced locally using aterial and equipment costs, and	Ø	Equipment costs include all equipment required to accomplish the Task.
published in Dec The Gordian Gr CTC and other p	ember 2022. oup, Inc. licenses the use of this roprietary information and software	Ø	Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
Contracting ser Obispo, Public CTC and other p	urpose of providing Job Order vices to County of San Luis Works Department. Use of this roprietary information and software urpose, or for any other entity, is	N	Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.
expressly prohit	bited without the express written Sordian Group, Inc.	м	ATERIAL COSTS:
consent of the c	ordan Group, inc.	Ø	Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
MasterFormal	77.4	Ø	Material costs include manufacturer's and/or fabricator's shop drawings.
MasterFormat.	is CTC are organized using CSI's multi-special and to CSI and Construction are Canada (SSC) U.S. deprochamics by CSI and appropring to CCC. A things have not be to leave up on the CSI at a deglamentary of more information an initial travel Materia Stratt con	10 I	Material costs for roofing, drywail, VCT, carpet, wail covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
The Unit Prices	Include:	Ø	Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
LABOR COSTS	:	TÌ	he Adjustment Factors Include:
foreperson level rates including fr Social Securit		un	e Adjustment Factors include the following costs, less specifically excluded by the terms of the intract Documents:
compensation, employee benefi	unemployment insurance, and ls.	в	USINESS COSTS:
and tools, and tr	de unloading equipment, materials, ansporting the same up or down 2 ' to reach the project site; layout;	Ø	Office overhead, including, but not limited to, office space, office equipment, office and management
December 2022			enpyright 0 2022 The Dendan Gray, Vo. Order Contract, JOC 23-01 Page 00 - 1







Understanding the general rules of the Construction Task Catalog®:

- 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
- Unit prices include testing, calibration, balancing, etc. for new work
- Unit prices include all fasteners, bolts, anchors, adhesives, etc. for new work
- Unit prices for tasks such as windows, doors, frames, countertops, etc. include sealant and caulk

G@RDIAN Using The Construction Task Catalog® measuring and cutting to fit; performing the Task disposal of excess material: and time for lunch and This Construction Task Catalog® (CTC) was EQUIPMENT COSTS: developed and customized by The Gordian Group. Inc. specifically for County of San Luis Obispo, Public Works Department, priced locally using Equipment costs include all equipment required to accomplish the Task. current labor, material and equipment costs, and published in December 2022 I Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers The Gordian Group, Inc. licenses the use of this excavators, backhoes, bobcats etc.), which exclude CTC and other proprietary information and software for the sole purpose of providing Job Order mobilization Contracting services to County of San Luis E Equipment costs include all operating expenses Obispo, Public Works Department. Use of this CTC and other proprietary information and software such as fuel, electricity, lubricants, etc. for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc. MATERIAL COSTS: R Material costs include the cost of the materia delivery, and all incidentals and accessories integral to the installation. MasterFormat E Material costs include manufacturer's and/ fabricator's shop drawings. The Tasks in this CTC are organized using CSI's Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc MasterFormat include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically **ECSI** sold in standard lengths, sizes and weights. I Material costs for imported materials (e.g aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source. The Unit Prices Incl LABOR COSTS: The Adjustment Factors I I Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for The Adjustment Factors include the following costs unless specifically excluded by the terms of the Contract Documents: Social Security, Medicare taxes, worker's compensation, unemployment insurance, and **BUSINESS COSTS:** employee benefits. Labor costs include unloading equipment, materials, Office overhead, including, but not limited to, office and tools, and transporting the same up or down 2 space, office equipment, office and management stories and 125' to reach the project site; layout; ombor 2022 County of San Luis Oblapo, Public Works Department, 2023 Job Order Contract, JOC 23-01 and JOC 23-02 Page 00 - 1

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Understanding the General Rules of the Construction Task Catalog[®]:

- Demo price includes loading into truck or dumpster.
- If item demolished as part of different task, it will not be paid for separately
- Contractor paid for installed quantities only. Waste is included in unit price
- Assembly prices take precedence over component pricing
- 14' working height for all work except masonry
- 4' working height for masonry
- Dumpsters are a separate task

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	oout the CTC:	measuring and cutting to fit; performing the Task disposal of excess material; and time for lunch an breaks.
	This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for County of San Luis Obispo. Public Works Department, Inded locally using current labor, material and equipment costs, and published in December 2022. The Gordian Group. Inc. licenses the use of this	EQUIPMENT COSTS: Equipment costs include all equipment required to accomplish the Task. Mobilization is included for all equipment excep- large equipment (e.g. cranes, buildozen
_	CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to County of San Luis Obispo, Public Works Department. Use of this CTC and other proprietary information and software for any other purpose, or for any other ently, is	excavators, backhoes, bobcats etc.), which exclude mobilization. El Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.
	expressly prohibited without the express written consent of The Gordian Group, Inc.	MATERIAL COSTS:
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M	asterFormat [™]	Material costs include manufacturer's and/o fabricator's shop drawings.
	The Tasks in this CTC are organized using CSI's MasterFormat.	Material costs for roofing, drywall, VCT, carpet, wa covering, ceiling tile, pipe, conduit, concrete, et include an allowance for waste. This list is no intended to be all inclusive, but descriptive of th types of construction materials that are typicall sold in standard lengths, sizes and weights.
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Ø	Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Socurity, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.	The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents: BUSINESS COSTS:
Ø	Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project sile; layou;	Office overhead, including, but not limited to, office space, office equipment, office and management
Dec	ember 2022	expyright © 2022 The Gende Group, in

The Contract Documents: Construction Task Catalog®



Understanding the General Rules of the Construction Task Catalog[®]: Contractors never get paid separately for the following:

- 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
- Portable toilet, field office, field office equipment for contractor's use
- Layout, site engineering for the work itself

Inc. specifically for County of San Luis Oblapp Public Works Department, Incid Iocali yuan juritenti labor, material and equipment costs, an published in Desember 2022. 20 The Gordan Group, Inc. licenses the use of thi CTC and ether proprietary information and software for the sole purpose of providing Job Orde Contracting services to Country of San Lui Oblapo, Public Works Department. Use of thi CTC and ether proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express writte consent of The Cordan Group, Inc.	Using The Construction Task Catalog®		
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LABOR COSTS:	The Adjustment Factors Include:		
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Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project sile; layout;	Office overhead, including, but not limited to, off space, office equipment, office and managem		
December 2022	expyright © 2022 The Ge		

The Contract Documents: CalTrans Specific Tasks in the CTC

- 900+ CalTrans specific tasks were added to the CTC.
- These tasks are based on CalTrans standard specifications and include the CalTrans item code.
- All unit prices were calculated using local labor, material and equipment costs.
- Including CalTrans specific tasks makes it easier to prepare and approve price proposals, increases administrative efficiency for both contractors and owners and results in more work being completed.

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Gadnian®	CALTRANs Custom Standards And Assemblies	50 8
	CALTRANs Construction Performance Requirements	50 89 8
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MINOR	TOTAL DIRE	CT DEMC
CSI UOM DESCRIPTION	UNIT CO	DST UN

50 Custom Standards And Assemblies

50 89 CALTRANS Custom Standards And Assemblies

50 89 80 CALTRANS Construction Performance Requirements (00 80) Note: Refer to www.dot.ca.gov for CALTRANS Standard Plans and Specifications 50 89 81 CALTRANS DIVISION I - GENERAL PROVISIONS (00 88 80) 50 89 81 01 50 89 81 01 PAYMENT (00 887) Note: Includes equipment mobilization, bauling over 25 miles overtime speciality labor speciality and specifications

Note: Includes equipment mobilization, hauling over 25 miles, overtime, specialty labor, speciality equipment, reimbursables and permits per CALTRAN Standard. See CSI section 01 22 16 00-0001 for Reimbursable fees and permits, 01 22 20 00-0000 for specialty labor, 01 22 23 00-00000 for speacility equipment, 01 71 13 00-0000 for equipment mobilization, 01 74 19 00-0129 for hauling >25 miles. 50 89 8101-0001 EA CALTRANS Speago MOBILIZATION.

Note: (One Time Per Job) See CSI section 01 71 13 00-0000 for mobilization of equipment

50 89 82 CALTRANS DIVISION II - GENERAL CONSTRUCTION (50 88 80)

50 89 82 12		
	Note: In	ncludes flagging, apparel, temporary traffic control devices, and equipment for flaggers, must comply with the
	latest C	alifornia MUTCD per CALTRANS Standard.
50 89 82 12-0001	I EA	CALTRANS 120110 FLASHING ARROW SIGN
50 89 82 12-0002	2 EA	CALTRANS 120116 TYPE II BARRICADE
50 89 82 12-0003	B EA	CALTRANS 120119 TRAFFIC CONE
50 89 82 12-0004	EA EA	CALTRANS 120120 TYPE III BARRICADE
50 89 82 12-0005	5 EA	CALTRANS 120140 BARRICADE (LEFT IN PLACE)
50 89 82 12-0006	S SF	CALTRANS 120149 TEMPORARY PAVEMENT MARKING (PAINT)
50 89 82 12-0007	/ LF	CALTRANS 120151 TEMPORARY TRAFFIC STRIPE (TAPE)
50 89 82 12-0008	3 SF	CALTRANS 120152 TEMPORARY PAVEMENT MARKING (TAPE)
50 89 82 12-0009	EF (CALTRANS 120159 TEMPORARY TRAFFIC STRIPE (PAINT)
50 89 82 12-0010) EA	CALTRANS 120165 CHANNELIZER (SURFACE MOUNTED)



Custom Standards And Assemblies

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INIT COST

EV0 delete this slide if there were no CalTrans items added to the CTC Erica Ventura, 2021-12-21T17:42:22.566

The Contract Documents: Non Pre-Priced Tasks



- Contractor must have permission from the County 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
- Contractor is paid the amount in the following formula:
 - A = The number of hours for each labor classification and hourly rates
 - B = Equipment costs (other than small tools)
 - C = Three independent quotes for all materials

Total Cost for Self-Performed Work = (A+B+C) x Normal Hours Adjustment

Factor or 1.15 (whichever is less) and (only if A & B cannot be priced out of the CTC)

If the work is to be subcontracted, the Contractor must submit three (3) independent bids from Subcontractors. If three quotes or bids cannot be obtained, the Contractor will provide the reason in writing For the County's approval as to why three quotes cannot be submitted.

D = Subcontractor Costs (supported by three quotes)

Total Cost of Non-Pre-Priced Task = D x Normal Hours Adjustment Factor or 1.15 (whichever is less)

The Contract Documents

Volume III – The Technical Specifications

- Specifies quality of materials and workmanship
- Corresponds with tasks in the Construction Task Catalog[®]



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Job Order Contract Technical Specifications

CSI Division 01-50 February 2024

County of San Luis Obispo Public Works Department JOC 2024





- Must Bid 4 Adjustment Factors:
 - Normal Working Hours, General Facilities: 7:00 am to 5:00 pm Monday to Friday
 - Other Than Normal Working Hours, General Facilities: 5:00 pm to 7:00 am Monday to Friday, and all-day Saturday, Sunday and County Holidays

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- Normal Working Hours, Secure Facilities : 7:00 am to 5:00 pm Monday to Friday
- Other Than Normal Working Hours, Secure Facilities : 5:00 pm to 7:00 am Monday to Friday, and all-day Saturday, Sunday and County Holidays
- Adjustment Factors Apply to All Tasks in the CTC
- Each Adjustment Factor is Weighted to Create an Award Criteria Figure
- Lowest Award Criteria Figure from a Responsive, Responsible Bidder is Determined to be the Lowest Price



- Prior to Bidding the Client Cannot:
 - Identify or commit to any specific project or location
 - Identify or commit to any specific CTC tasks or quantities

Contract	Contract Type	Minimum Contract Value	Estimated Annual Contract Value	Maximum Total Contract Term	Maximum Value may be increased to legislative limit	Bid Bond	Initial Payment & Performance Bonding (Each)
JOC-24.1	A & B	\$0	\$750,000	1 Year	\$5,797,275	\$25,000	\$750,000

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- Differing Site Conditions or Changes in Scope
 - Priced from Construction Task Catalog[®]
 - 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
- Bid Security: \$25,000
- The County intends to award at least one (1) contract but reserves the right to award additional contracts from this procurement as needed.

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3	DC Account Manager Portal		County of San Luís Chispo - Airports + 🛛 👔 🛱
	2022 (test) - Test o Job Order List		→ Send to Contractor 🛛 Dopy Job Order
A	Procurement Construction Close Out		
Ó	Details Milestones Initiation Joint Scope Meeting	Scope Development Proposal Issue Job Order	
٥	Details		∕ 55
	O Job Order Information	Location	C Catalog
ſ	Status : On Hold	Test Location	Construction Task Catalog :
<u> </u>	Project :	Address :	June 2022 - County of San Luis Obispo Airports B License
	Job Order Number : 2022 (test)	1234 SLD County Dr,	
1	Job Order Code : Delivery Order Number :	San Luis Obispo, CA 93401	
	Job Order Name : Test		
	Job Order Value : \$2,534.40		
	Job Order Total : (With Supplementals) \$2,534.40		
	Work Type :		
	S Other		
	Contract Name : Airports JOC 22-02	Percent Complete : 0%	
	Contractor :	Liquidated Damages Apply : Yes	
	JG Contracting	Liquidated Damages Amount : Not defined in the contract	
	jg@jgcontracting.biz (805) 264-5576	Wage Determination : Prevailing Wages	
		Job Order Sent Date : 10/27/2022 9.03 AM PST	
	Additional Info	✓ Edt Supplementals	88
		No Supplementals	to researt
	l	No Supplementals	to present

Internet Based Software Provided with Contract

- Gordian CLOUD[®] Software Expedites the Job Order Process
 - Price Proposals
 - Subcontractor Lists
 - Tracking Dates
 - Required Job Order Forms
- Training provided

1% Contractor License Fee

- Access to Gordian CLOUD[®], Construction Task Catalog[®], other proprietary materials
 - Most advanced technology and data in the marketplace.
 - Paperless
 - Efficient
 - Tasks and prices input directly... no fishing through old files and estimating books for costs
- JOC process training
- Gordian CLOUD[®] software training
- Software support
- Included in the Contractor's Adjustment Factor
 - Consider with the Bid as an Overhead cost
 - 1% of Job Order Price





Calculating the Adjustment Factors: Method to Calculate

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• Use Historical Project Data

- Select a Completed Project
 - You Know Scope and Direct Costs
- Price Project From CTC
- Add on Overhead and Profit
- Calculate the Adjustment Factor

Calculating the Adjustment Factors:

Interior Renovation

- Doors and Hardware
 - Replace 12 interior doors, hinges and hardware
 - Doors shall be 3x7, solid core wood doors
 - Grade 2 locksets with knobs
 - Replace 2 push bar exist devices and door closers on exit doors
- Interior Lighting
 - Replace all lay-in troffer fixtures on first and second floors. 48 in total
 - Replace 4 exit fixtures
 - Replace 12 industrial fixtures in shop area
- Plumbing Fixtures
 - Replace 8 bathroom sinks, 8 faucets, and 8 toilets in men's and women's bathroom in admin building and shop area
 - Replace 4 water fountains
- Replace Boiler
 - Demo existing boiler and as much piping and venting to accommodate new boiler. Install a new 1028 mbh oil fired cast iron boiler. No access for packaged boiler. Must field assemble sections. Provide new piping as required.
- Normal Working Hours Apply



Calculating the Adjustment Factors: ' Sample Project: Price Proposal

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Contractor's Pr	ice Proposal Summary- Category	Contractive Fried Properties Detail - Collapore Detail - Collapore <	Lin har A ICOSM FARS
Work Order #:	000001 Florida 2014	400 4 1040 3 1000 4 1040 0 4 10	5134.80 Inum 5726.40 Tutui Line Total
Title:	Florida Sample Renovation	Country Unit Rise Feature Tatal Page 1 State 1 Country 1 Tatal Page 1 State 1 Country 1 State 1 Country 1 State 1 Stat	1736.40 1447.40 Tata Max. 1346.33
Contractor:	The Gordian Group	Control Control Fault	\$612.66 Tells \$54.74 # \$346.33 \$27.80 \$53.546.32
Proposal Value:	\$66,344.12	These 11 Television Than Carlo Into Annual A	Tutal \$27.00 + \$2,709.12 4 \$5,553.62 + \$337.20
Proposal Name:	Florida Sample Renovation	1.00 × 10.021 // × 1.000 • 10.021 // * 100 • 100 • 100 • 100 • 100 • 100 • • 100 • • • • • • • • • • • • • • • • • •	51/050 53,243,422
Boiler:		\$33,055.73	1-125520 81.400.20 \$0.165.20 - 81.000.20 20.00 - 81.000.20 Dots \$110.72
Doors and Hardware	ə:	\$8,282.09 0.0 + 0.0111 + 1.000 + 0.0120 4 4 (7. Instel Co.F. 19 Min. Problem, Reserved and Program (1971) + 0.0111 + 0	er, 2006.33 Tuei \$246.23 \$155.06.12 tdent \$135.74
Lighting:		\$13,119.77 Unit 1/1000 - 1/100	Total \$12,172,32 \$1,337,44 \$1,132,80 balance \$1,200,40
Plumbing:		\$11,886.53	\$2,566.40 Total \$2,116.20 \$22,116.20 \$206.70 \$206.70
Work Order Proposa	al Total	\$66,344.12	100124 \$12,468.17 Tomi 9405.05 \$74,754.78
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		Cash Propert State - Company	Nga 4 - 4 30012

Calculating the Adjustment Factors: ' Sample Price: CTC vs. Quote



Direct Cost of Work from Quotes or Estimates

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



Calculating the Adjustment Factors: ' Sample Price: Putting it all together



• A.	Direct Cost of Work from Quotes	\$65,000.00
• B.	Overhead 10%*	<u>\$ 6,500.00</u>
• C.	Subtotal (Cost & O/H)	\$71,500.00
• D.	Profit 10%*	<u>\$ 7,150.00</u>
• E.	Subtotal (Cost & O/H & Profit)	\$78,650.00
• F.	Price From CTC	\$66,344.12
• Adius	stment Factor (= F / F) = 1 1855	

• Adjustment Factor (= E / F) = 1.1855

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





Filling Out the Bid Form 1 2 6 8 5

 <u>Normal Working Hours</u>: Undersigned shall perform any or all functions called for during Normal Working Hours on Projects in General Facilities for the Unit Prices specified in the Construction Task Catalog[®] (CTC) multiplied by the Adjustment Factor of:

1 1 8 5 5	
-----------	--

(Specify to four (4) decimal places) One point one eight five five

(Specify in words)

Note that no Adjustment Factor may be <u>less than</u> factor 2.a.1. for Projects in General Facilities to be performed during Normal Working Hours.

 Other Than Normal Working Hours: Undersigned shall perform any or all functions called for during Other Than Normal Working Hours on Projects in General Facilities for the Unit Prices specified in the Construction Task Catalog[®] (CTC) multiplied by the Adjustment Factor of:

1	2	0	3	4	

(Specify to four (4) decimal places) One point two zero three four

(Specify in words)

Note that no Adjustment Factor may be <u>less than</u> factor 2.a.1. for Projects in General Facilities to be performed during Normal Working Hours.

* Sample only

Filling Out the Bid Form



- b. Projects in Secure Facilities
 - <u>Normal Working Hours:</u> Undersigned shall perform any or all functions called for during Normal Working Hours on Projects in Secure Facilities for the Unit Prices specified in the Construction Task Catalog[®] (CTC) multiplied by the Adjustment Factor of :

1 2	5	0	0	
-----	---	---	---	--

(Specify to four (4) decimal places)

One point two five zero zero (Specify in words)

Note that no Adjustment Factor may be <u>less than</u> factor 2.a.1. for Projects in General Facilities to be performed during Normal Working Hours.

 Other Than Normal Working Hours: Undersigned shall perform any or all functions called for during Other Than Normal Working Hours on Projects in Secure Facilities for the Unit Prices specified in the Construction Task Catalog[®] (CTC) multiplied by the Adjustment Factor of:

1 2 9	00
-------	----

(Specify to four (4) decimal places)



(Specify in words)

Note that no Adjustment Factor may be <u>less than</u> factor 2.a.1. for Projects in General Facilities to be performed during Normal Working Hours.



Filling Out the Bid Form



		Enter	Factor ca	rried ou	t Four (4)	decima	l places	
		1	•	0	8	5	0	
Line 1	Enter Normal Working Hours for Projects in General Facilities Adjustment Factor from prior page in column to right \rightarrow	1	•	1	8	5	5	
Line 2	Multiply Line 1 Adjustment Factor by 55% = (0.55 x Line 1) and enter in column to the right \rightarrow	0		6	5	2	0	
Line 3	Enter Other than Normal Working Hours for Projects in General Facilities Adjustment Factor from prior page in column to right \rightarrow	1	•	2	0	3	4	
Line 4	Multiply Line 3 by 25% = (0.25 x Line 3) and enter in column to right \rightarrow	0	•	3	0	0	9	
Line 5	Enter Normal Working Hours for Projects in Secure Facilities from prior page in column to right \rightarrow	1		2	5	0	0	
Line 6	Multiply Line 5 by 10% = (0.10 x Line 5) and enter in column to right \rightarrow	0	•	1	2	5	0	
Line 7	Enter Other Than Normal Working Hours for Projects in Secure Facilities Adjustment Factor from prior page to column to right \rightarrow	1		2	9	0	0	
Line 8	Multiply Line 7 by 10% = (0.10 x Line 7) and enter in column to right \rightarrow	0	•	1	2	9	0	
	Amount extension et anno (ACE) annuale tha annuale f	ACF						
Line 9	Award Criteria Figure (ACF) equals the sum of Lines 2, 4, 6, and 8. Add together: (Line 2 + Line 4 + Line 6 + Line 8) and enter total (sum) in column to right →	1	•	2	0	6	9	





Bid Considerations

- Contractors Should Expect To
 - Prepare Incidental Drawings or Sketches for Some Projects
 - Justify Quantity Calculations
 - Explain Detail of Work
 - Prepare Proposals for Some Projects That Might be Canceled
 - Margins on CTC Tasks Vary
 - Some Projects are More Profitable than Others
 - Maintain a Fully Functioning Local Office
 - Hold Required A & B Licenses
 - Contractor to Pay 1% of each Job Order as a Contractor License Fee for Gordian CLOUD[®] software access

COUNT

Bid Considerations: Contractor Adjustment Factor



Importance of Adjustment Factors

- Determines Lowest Bidder AND
- Used to Price Individual Work Orders
- Price Proposal Total Becomes the Lump Sum Job Order Amount

+	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



Bid Considerations: Risks of Low Adjustment Factor

COUNT

ORISPO

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

GRDIAN[®]

Review of Key Points

- Focus on Total Potential Value of Contract
 - \$750,000
- Evaluate Construction Task Catalog®
 - Analyze Unit Prices
 - Know the General Guidelines for Using the CTC
- Contractor Performance Drives Volume
 - Ability to Market Program and Services
 - Responsive Service
 - Accurate Proposals
 - Safe and Clean Project Sites
 - High Quality Construction
 - On-Time Completion
 - On Time Close Out

GRDIAN[®]



Bid Submission

• Complete and submit the following as your Bid:

COUNT

OBISPO

- 1. Bid Form
- 2. Designation of Insurance Company and Insurance Agent/Broker
- 3. Designation of Surety
- 4. Bidder's Non-Collusion Declaration (State Form)
- 5. Iran Contracting Act Certification
- 6. Bidder's Bond





Bid Submission

- All bids must be addressed to County of San Luis Obispo, and delivered to: County Clerk County Government Center 1055 Monterey Street, Suite D120 (1st. Floor) San Luis Obispo, CA 93408
 - Sealed Bids should bear the Project Title, Project Number and Name of the Bidder.



Bid Submission: Questions



- Make Sure you Signed the Pre-bid Sign-In Sheet
- All questions concerning this solicitation must be made in writing through the Purchasing website no less than five (5) business days prior to the bid opening.
- <u>Bids due : Thursday, May 9, 2024, by 3:00 PM</u>
 - Contract Documents are available for download free of charge at: <u>http://www.slocounty.ca.gov/GS/Purchasing/Current Formal Bids and Proposals.htm</u>

