



**CITY OF CHANDLER
JOB ORDER PROJECT AGREEMENT**

Project Name: **MESQUITE GROVES AQUATIC CENTER SAFETY IMPROVEMENTS-
ULTRAVIOLET SYSTEM REPLACEMENT**

Project No. **CS2203.401**

This JOB ORDER PROJECT AGREEMENT ("Job Order") is made this _____ day of _____, 2022 ("Effective Date"), by and between the City of Chandler, an Arizona municipal corporation, ("City") and **Caliente Construction, Inc.**, an Arizona corporation, ("JOC Contractor") and is entered into pursuant to Job Order Master Agreement No. JOC1904.401 ("JOC Master Agreement"). City and JOC Contractor may be referred to individually as "Party" or collectively as "Parties").

City and JOC Contractor, in consideration of the mutual covenants herein set forth, agree as follows:

RECITALS

A. On or about December 17, 2019, the Parties entered into the JOC Master Agreement, which terms and conditions are made a part of and incorporated into this Job Order Project Agreement by this reference.

B. City proposes to engage JOC Contractor for Mesquite Groves Aquatic Center Safety Improvements - Ultraviolet System Replacement as more fully described in **Exhibit "A"**, which is attached to and made a part of this Job Order by this reference.

C. JOC Contractor is ready, willing, and able to provide the services described in **Exhibit "A"** for the compensation and fees set forth and as described in **Exhibit "B"**, which is attached to and made a part of this Agreement by this reference.

ARTICLE 1. DESCRIPTION OF WORK

The Parties enter into this Job Order Project Agreement for the Mesquite Groves Aquatic Center Safety Improvements - Ultraviolet System Replacement, Project Number **CS2203.401**. The scope of work consists of safety improvements and ultraviolet system replacement at Mesquite Grove Aquatic Center, all as more particularly set forth in **Exhibit "A"** attached hereto and incorporated herein by reference.

The JOC Contractor will not accept any change of scope, or change in contract provisions, unless issued in writing, as a contract amendment or change order and signed by the authorized signatories for each party.

Performance and Payment Bonds, as set forth in **Exhibit "C"** and **Exhibit "D"** respectively attached hereto and incorporated herein by reference, will be due prior to execution of each Job Order Project Agreement in the full amount of each Job Order.

At project completion, JOC Contractor must complete Contractor's Affidavit Regarding Settlement of Claims and Certificate of Completion, as set forth in **Exhibit "E"** and **Exhibit "F"** respectively attached hereto and incorporated herein by reference.

ARTICLE 2. PROJECT PRICE

City will pay JOC Contractor for completion of the Work in accordance with the JOC Master Agreement a fee not to exceed the Guaranteed Maximum Price of **\$158,401.71** Dollars determined and payable as set forth in JOC Master Agreement and **Exhibit "B"** attached hereto and made a part hereof by reference.

ARTICLE 3. CONTRACT TIME & SCHEDULE

JOC Contractor agrees to complete all Construction within **60** calendar days from the Notice to Proceed (NTP) Date.

ARTICLE 4. PARTICIPANTS

CITY:	Construction Project Manager: Jason Garcia	
	Phone:	480-782-3453
	Email:	Jason.garcia@chandleraz.gov
JOC CONTRACTOR:	Caliente Construction, Inc.	
	485 W. Vaughn St.	
	Tempe, AZ 85283	
	JOC Contractor Representative: Lorraine Bergman	
	Phone:	480-894-5500
	Email:	lbergman@calienteconstruction.com

SIGNATURE PAGE TO FOLLOW

IN WITNESS WHEREOF, the Parties have executed this Job Order as of the Effective Date.

"CITY"
CITY OF CHANDLER:

"JOC CONTRACTOR"
Caliente Construction, Inc.:

MAYOR Date

Recommended By:

Andrew Goh, P.E.
CIP City Engineer

APPROVED AS TO FORM:

City Attorney

By: _____

ATTEST:

City Clerk SEAL

ADDRESS FOR NOTICE
City of Chandler
P.O. Box 4008, Mail Stop 407
Chandler, AZ 85244-4008

Signature Date 01/11/2022
Lorraine Bergman
Print Name

President/CEO
Title

ATTEST: If Corporation

Secretary

ADDRESS FOR NOTICE

Caliente Construction, Inc.

485 W. Vaughn St.

Tempe, AZ 85283

**EXHIBIT A
SCOPE OF WORK**

Handwritten mark or signature

Caliente Construction Inc.

General Construction - Construction Management - Design/Build - Facilities Management

R2 December 13, 2021

Ivan Magana, PE
Project Manager
City of Chandler
Public Works and Utilities Dept. - Capital Projects Div.
215 East Buffalo Street
Chandler, AZ 85225

RE: City of Chandler JOC 1904.401 - COC JOC 1904.401 CS2203.401 Mesquite Groves Aquatics Center Safety Improvements:
UV System Replacement R2

Mr. Magana,

Thank you for the opportunity to provide our revised proposal for the CS2203.401 Mesquite Groves Aquatics Center Safety Improvements: UV System Replacement R2 Project.

We have based the attached proposal on information received, emails and site visit held with the City of Chandler.

The price is **\$ 158,401.71**. See attached estimate with bid tabulations and subcontractor back-up for further details.

Please contact me at your convenience should you have any questions.

Best Regards,



Justin Miller
Caliente Construction Inc.



One of the Valley's Healthiest Employers

485 West Vaughn, Tempe, Arizona 85283-3672 Phone: (480) 894-5500 Fax: (480) 894-2323
AZ ROC091625 AZ ROC098769 AZ ROC164561 CA 770323 UT 4741522-550 NV 0078132
ID RCE-28529 NM 85371 CO 233580 MT 159637

"We build more than structures; we build confidence and relationships that last"



Callente Construction Inc.

General Construction - Construction Management - Design/Build - Facilities Management

EXHIBIT A SCOPE-OF WORK

PROJECT:

City of Chandler JOC 1904.401 - CS2203.401 Mesquite Groves Aquatics Center Safety Improvements Replacement: UV System Replacement R2

General Requirements:

- 1) Provide office support, supervision, overhead/profit, taxes based on MRRRA, insurances, and bond.
- 2) Provide temporary protection as required.
- 3) Provide Temp Toilets and Wash Station.
- 4) Provide Dumpster.

Construction:

Competition and Leisure Pools:

- 1) Facilitate Drain Down / Isolation of Water Level
- 2) Make-Safe and Demo existing UV Systems
- 3) Furnish and Install New Plumbing (8" Sch 80 PVC Pipe, Flanges for Spool) to match existing
- 4) Furnish and Install Electrical Equipment for New System
- 5) Furnish and Install (2) New ETS Water UV Systems (Evoqua UV-WF-215-8-N)
- 6) System Connections, Testing and Owner Training

Project Duration:

Proposal based on onsite Project Duration of (2-3 Weeks) after procurement of materials and draining/isolation of pool. Current Lead time is 6-8 Weeks after Submittal Approval and Order of materials.

Clarifications/Exclusions:

See attached estimate.



One of the Valley's Healthiest Employers
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AZ ROC091625 AZ ROC098769 AZ ROC164561 CA 770323 UT 4741622-550 NV 0078132
ID RCE-28529 NM 85371 CO 233580 MT 159637

"We build more than structures; we build confidence and relationships that last"



Assumptions / Clarifications

- 1 Proposal based on onsite Project Duration of (2-3 Weeks) after procurement of materials and draining/isolation of pool. Current Lead time is 6-8 Weeks after Submittal Approval and Order of materials.
- 2 Proposal based on Normal Working Hours M-F
- 3 Proposal based on COC Aquatics Facilitating Drain Down And Fill
- 4 Proposal based on access to site
- 5 Proposal based on replacement of UV System for each of the Competition and Leisure Pools.
- 6 Proposal includes Turn-Key Replacement of Existing UV System including replacement of valves, electrical as required and piping plumbing tie-ins to existing system.
- 7 Proposal includes start-up, testing and Owner training.
- 8 Proposal is based on using 8" Asahi Pool Pro Valves or equal for (for UV Systems Only)
- 9 Proposal is based on using Evoqua ETS Water UV-WF-215-8-N or equal
- 10 Proposal is based on utilizing and salvaging existing by-pass loops w/ exception of section of loop flange to flange.

Exclusions

- 1 Design Services, Permits and/or Permitting Fees
- 2 Asbestos Testing and/or Abatement and/or Removal of Hazardous Materials (Current Report/Survey to provided by COC prior to start of Demolition).
- 3 Excludes Water Chemicals or Treatments
- 4 Excludes Piping or Modifications unless noted above
- 5 Modifications to Existing Equipment or Electrical other than stated in scope.
- 6 Badging or Special Background Checks and/or associated costs
- 7 Excludes replacement of system by-pass valves as they are functioning and not directly impacted of UV System

Allowances (Not Included in Base Bid; No Markups)

- | | | |
|---|------------------------|--------------|
| 1 | CONSTRUCTION ALLOWANCE | \$ 13,000.00 |
|---|------------------------|--------------|

WAFER™ UV GENERATOR

NEW UV DISINFECTION PRODUCT FOR THE AQUATICS INDUSTRY

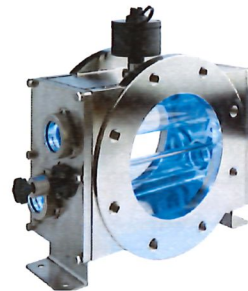
The Wafer™ UV disinfection generator system from Evoqua differs from any other UV generator currently on the market, with a unique UV chamber that offers the most compact UV disinfection generator available today. At about one third of the size of comparative UV offerings, and with a significantly reduced maintenance envelope, the Wafer generator delivers an easy to install and retrofit solution that will fit the tightest of mechanical rooms.

Not only does the Wafer UV generator represent the most compact UV solution available on the market, it features a hydraulically optimized generator design and leading polychromatic lamp technology, making it one of the most efficient and highest performing generators. The Wafer generator is designed to provide 99.9% inactivation of chlorine-resistant microorganisms such as Cryptosporidium and Giardia.

Operators will benefit from the inclusion of the Spectra control system as standard, which includes a wide range of features such as data stream monitoring, process interlocks and programmable set points. A key Spectra control feature includes variable power stepping from 100% to 30% at no extra cost, allowing operators to optimize the operational power of their system to match bather loads and pool operating schedules.

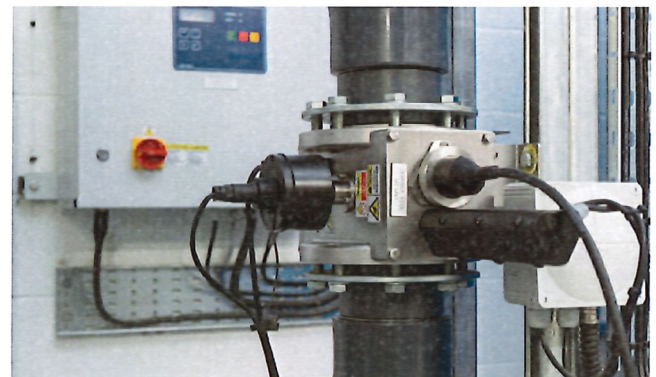
In addition, the Spectra controller features a reactive boost function that automatically operates the lamps at maximum power from a combined chlorine alarm signal, when teamed with a suitable chlorine controller. This is a feature specifically designed for swimming pool applications to break down problematic chloramines as soon as they are detected, significantly improving water quality and eliminating the cause of strong chemical smells, red burning eyes, itchy skin and natarorium corrosion.

THE WAFER UV GENERATOR OFFERS A
COMPACT TREATMENT SOLUTION FOR
APPLICATIONS REQUIRING 200-3,500 GPM
IN A SINGLE HIGH OUTPUT UV GENERATOR.



PERFORMANCE AND INSTALLATION

- Smaller installation footprint
- Horizontal or vertical installation
- More efficient and enhanced power control
- Higher performance
- Simpler and faster to maintain
- Increased safety
- Modbus®



6 Jefferson Drive, Coventry, RI 02816

+1 (800) 832-8002 (toll-free) +1 (401) 821-2200 (toll) www.evoqua.com/ets-uv

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All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.



evoqua
WATER TECHNOLOGIES

ETS-UV WAFER™ UV DISINFECTION GENERATOR

NEW PRODUCT RANGE DESIGNED SPECIFICALLY FOR THE AQUATICS INDUSTRY

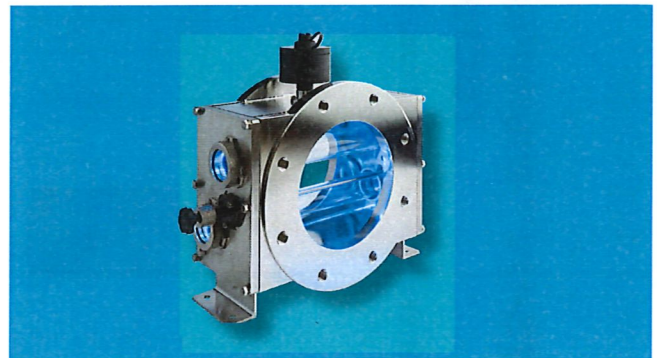
The Wafer™ generator differs from any other UV generator currently on the market, with a unique UV chamber that offers the most compact UV disinfection generator available today. At about one third of the size of comparative UV offerings, and with a significantly reduced maintenance envelope, the Wafer generator delivers an easy to install and retrofit solution that will fit the tightest of mechanical rooms.

Not only does the Wafer UV generator represent the most compact UV solution available on the market, it features a hydraulically optimized generator design and leading polychromatic lamp technology, making it one of the most efficient and highest performing generators as well. The Wafer generator is designed to provide 99.9% inactivation of chlorine-resistant microorganisms such as Cryptosporidium and Giardia.

Operators will also benefit from the inclusion of the Spectra control system as standard, which includes a wide range of features such as a data stream monitoring, process interlocks and programmable set points. A key Spectra control feature includes variable power stepping from 100% to 35% at no extra cost, allowing operators to optimize the operational power of their system to match bather loads and pool operating schedules.

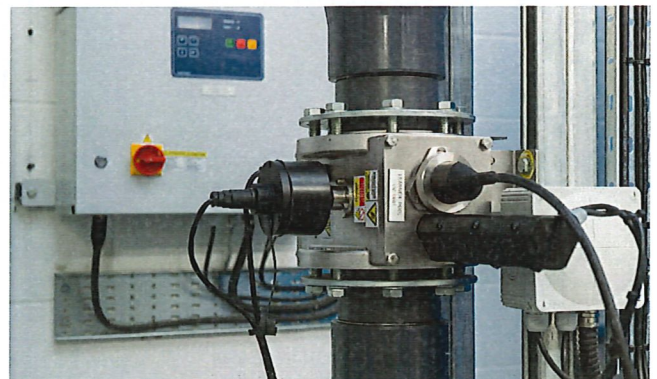
In addition, the Spectra controller features a reactive boost function that automatically operates the lamps at maximum power from a combined chlorine alarm signal, when teamed with a suitable chlorine controller. This is a feature specifically designed for swimming pool applications to break down problematic chloramines as soon as they are detected, significantly improving water quality and eliminating the cause of strong chemical smells, red burning eyes, itchy skin and natatorium corrosion.

THE WAFER UV DISINFECTION GENERATOR
OFFERS A COMPACT UV TREATMENT SOLUTION
FOR CAPABILITIES OF 50 M³/HR - 700 M³/HR IN
A SINGLE HIGH OUTPUT UV GENERATOR



PERFORMANCE AND INSTALLATION

- Smaller installation footprint
- Horizontal or vertical installation
- More efficient and enhanced power control
- Higher performance
- Simpler & faster to maintain
- Increased safety
- Ethernet, Modbus® and Profibus®



6 Jefferson Drive, Coventry, RI 02816

+1 (800) 832-8002 (toll-free) +1 (401) 821-2200 (toll) www.evoqua.com/neptune-benson

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All information presented herein is believed reliable and in accordance with accepted engineering practices. Evoqua makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Evoqua assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

Neptune-Benson
eVOQUA

UV GENERATOR	WF-115-3	WF-115-4	WF-125-6	WF-215-6	WF-215-8	WF-225-8	WF-230-10	WF-430-12
Certification	CE Marked, NSF-50							
Approvals	MET UL							

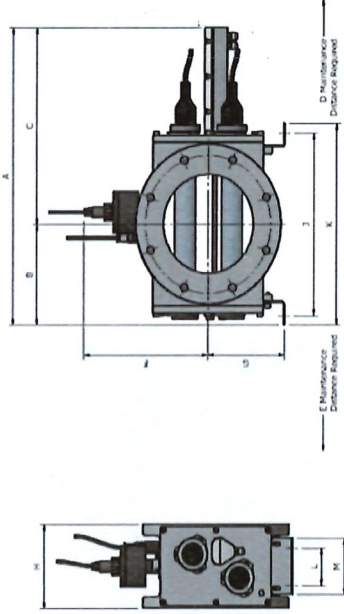
CHAMBER SPECIFICATION									
Lamp Power Range (kW)	0.45 - 1.5	0.45 - 1.5	0.75 - 2.5	0.45 - 1.5	0.45 - 1.5	0.75 - 2.5	0.90 - 3.0	0.9 - 3.0	
Lamp Number	1	1	1	2	2	2	2	4	
Lamp Life	9,000 Hours								
Lamp Design	TWISTLOK® Quick Release, Enhanced Safety - Medium Pressure								
Lamp Nom. V	200V			330V			330V		
Lamp Nom. I	7.5A			200V			400V		
UV Monitoring	AT-900 - ONorm Validated Probe								
Number of Sensors	1								
Variable Power	100% to 30% Power (Automatic Dose Pacing)								
Connection Size (mm/inch)	DN 80/3"	DN 100/4"	DN 150/6"	DN 150/6"	DN 200/8"	DN 200/8"	DN 250/10"	DN 300/12"	
Connection Type	USA (ANSI 150) / RoW (EN1092-1BS4504)								
Design Pressure	10 Barg Design (15 Barg Test)								
Material Construction	316L Stainless Steel								
Internal / External Finish	Electropolished								
Internal Surface Finish	3.2 Ra								
Lamp and Wiper Access	Single Ended Access								
Mounting	Fixed Brackets								
Wiper System	Automatic Wiper System								
Temperature Probe	AT-487 (PT100)								
Vent Port	USA (1/2" NPT) / RoW (1/2") Air Release Valve Supplied for Horizontal Installations								
Drain Port	USA (1/4" NPT) / RoW (1/4" BSP)								
Sacrificial Anode	USA (1/2" NPT included) / RoW (None)								
Ingress Protection	IP 55								
Installation	Horizontal or Vertical (Lamps Must be Horizontal)								
PANEL SPECIFICATION									
Design	Epoxy Coated Mild Steel - RAL 7035								
Control Type	Microprocessor								
Ingress Protection	IP54								
Ventilation	Forced Air Cooled (Fan)								
Interface	Spectra Membrane								
Communication	Modbus (RS-422 / RS-485)								
Lamp Power Supply	3.5kW MP Ballast			3.5kW MP Ballast Heat Sink			4kW MP Ballast		
Number of Ballasts	1			2			4		
Power Consumption	1650	1650	2750	3300	5500	6600	13200		
1Ph 208V	x	x	x	x	x	x			
1Ph 220V	x	x	x	x	x	x			
1Ph 230V	x	x	x	x	x	x			
1Ph 240V	x	x	x	x	x	x			
3Ph 380V							x	x	x
3Ph 400V							x	x	x
3Ph 415V							x	x	x
3Ph 480V							x	x	x
Frequency	50 Hz / 60Hz								
Protection	Door Locked MCCB Isolator								
Operation Temperature	Max Working Ambient +45°C								
Digital Inputs	Remote Start/Step +2 x Selectable Inputs (Boost / Low Power / Process Interlock)								
Digital Outputs	2 x Selectable Outputs (System Ready/Critical Alarm/Trip Alarm/Dose Healthy/System Running/System Ready Remote/Break Glass)								
Analogue Inputs	1 x Selectable Input (Flow Rate / UV/T)								
Lamp Cable	OLFLEX® CLASSIC 135 CH								
Panel Options	Spectra 7" Touch Screen HMI								

ETS-UV™ DISINFECTION GENERATOR

TECHNICAL DATA SHEET

WF WAFER 1- 4 LAMP MEDIUM PRESSURE UV SYSTEMS

KEY FOOTPRINT DIMENSIONS



UV GENERATOR	WF-115-3	WF-115-4	WF-125-6	WF-215-6	WF-215-8	WF-225-8	WF-230-10	WF-430-12
Chamber Dimensions								
A (Inches)	20.3	20.3	24.8	24.8	24.8	24.8	31.0	31.0
B (Inches)	6.2	6.2	8.4	8.4	8.4	8.4	11.9	11.9
C (Inches)	14.1	14.1	16.4	16.4	16.4	16.4	19.1	19.1
D (Inches)	14.4	14.4	18.9	18.9	18.9	18.9	24.4	24.4
E (Inches)	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
F (Inches)	9.0	9.0	11.4	11.4	11.4	11.4	12.5	13.5
G (Inches)	4.8	4.8	7.0	7.0	7.0	7.0	9.1	10.1
H (Inches)	6.2	6.2	7.0	7.0	7.0	7.0	7.4	7.4
J (Inches)	10.7	10.7	15.2	15.2	15.2	15.2	21.8	21.8
K (Inches)	12.3	12.3	16.8	16.8	16.8	16.8	23.8	23.8
L (Inches)	3.1	3.1	3.1	3.1	3.1	3.1	5.5	5.5
M (Inches)	4.7	4.7	4.7	4.7	4.7	4.7	7.0	7.0
Dry Weight (lbs)	60	57	126	128	117	117	172	194
Wet Weight (Lbs)	66	62	148	150	141	141	218	247
CONTROL PANEL								
Width (Inches)	20	20	23	23	23	23	23	31
Height (Inches)	20	20	23	23	23	23	31	39
Depth (Inches)	10	10	12	12	12	12	12	12
Weight (lbs)	66	66	77	77	77	77	88	<165
Standard Cable (feet)	16							
Max Cable Length* (feet)	92	92	92	46	46	92	92	92

*It may be possible to extend the cable length beyond the figures given, if this is required please contact us for details

Justin Miller

From: Jeffrey Iverson <jeff@hydrocon.com>
Sent: Wednesday, October 27, 2021 10:45 AM
To: Justin Miller
Cc: Curt Lonsdale
Subject: RE: Bid Invite: COC JOC CS2201.401 Arrowhead, Folley & Nozomi...

Good morning Justin,

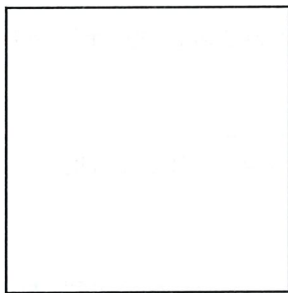
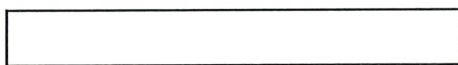
Per our conversation, Shasta will not be submitting a proposal on this project due to current work load. It sounds like you have found qualified and capable contractors to complete the work, of which already have experience installing the exact systems the City of Chandler wants on previous projects.

Thanks for the opportunity and we hope to work with you and your team again in the near future.

jeffrey iverson
480.776.0155 x102 office
480.776.0157 fax



From: Justin Miller (Caliente Construction Inc.) <team@buildingconnected.com>
Sent: Wednesday, October 6, 2021 1:32 PM
To: Jeffrey Iverson <jeff@hydrocon.com>
Subject: Bid Invite: COC JOC CS2201.401 Arrowhead, Folley & Nozomi...



Justin Miller from Caliente Construction Inc. has invited you to bid on
**COC JOC CS2201.401 Arrowhead, Folley &
Nozomi Safety Improvements: Swimming Pools**

[View this RFP](#)

[View Bid Form](#)

Already know if Shasta Industries will bid on this RFP? Let Justin Miller at Caliente Construction Inc. know:

Bidding

Not Bidding

Not Sure

Project Details

Location: AZ, United States of America

Bid Due: October 11, 2021

Caliente Construction would like to invite you to submit a proposal on the **COC JOC CS2201.401 Arrowhead, Folley & Nozomi Safety Improvements** project.

** This is a Caliente Cons...

[View all files and project details »](#)

Client Details



Lead: Justin Miller

Project Manager • +1 480-894-5500 • jmiller@calienteconstruction.com



Caliente Construction Inc.

485 W Vaughn St, Tempe, AZ 85283, USA

www.buildingconnected.com support@buildingconnected.com

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925 Mission St, San Francisco, CA 94103

EXHIBIT B FEE SCHEDULE

City of Chandler Job Order Project Agreement
Public Works & Utilities Department, Capital Projects Division

Project Name: Mesquite Groves Aquatic Center Safety Improvements - Ultraviolet System Replacement

Project No.: CS2203.401

Rev. 9/18/2020

B-1

Caliente Construction Inc.

General Construction - Construction Management - Design/Build - Facilities Management

EXHIBIT "B"

COC JOC 1904.401 CS2203.401 Mesquite Groves Aquatics Center Safety Improvements / UV Replacement R2

JOB ORDER COST PROPOSAL SUMMARY SHEET

12/13/2021

Negotiated Prices			
Price of Subcontractor(s)		\$	114,044.58
Price of Subconsultant(s)		\$	-
General Conditions		\$	16,780.00
Preconstruction Labor (if applicable)		\$	-
Construction Labor (if applicable)		\$	-
SUBTOTAL (NEGOTIATED PRICES):		\$	130,824.58
Overhead and Profit (Coefficient per Job Order Master Agreement)	8.00%	\$	10,465.97
TOTAL (NEGOTIATED PRICES + OVERHEAD & PROFIT):		\$	141,290.55
Insurance, Bonds, & Taxes			
Sales Tax Percentage (Current Tax Rate)	MRRA	0.000%	\$ -
General Liability Insurance Percentage (Actual Cost per Job Order)		1.00%	\$ 1,308.25
Builder's Risk Insurance Percentage (Actual Cost per Job Order)		0.50%	\$ 654.12
Payment Bond (Actual Cost per Job Order)		1.50%	\$ 2,148.79
Performance Bond (Actual Cost per Job Order)	INC	0.00%	\$ -
SUBTOTAL (INSURANCE, BONDS, & TAXES):		\$	4,111.16
COMBINED TOTAL (TOTAL + INSURANCE, BONDS, & TAXES):		\$	145,401.71
City's Allowance		\$	13,000.00
TOTAL JOB ORDER:		\$	158,401.71

Per the Job Order Master Agreement - This Fee Table includes all fees, costs, insurance and bond premiums, allowances, construction contingency, and taxes of any type necessary to fully, properly and timely perform and construct the Work. Also per the Job Order Master Agreement - For any portion of the Work which, either through this Contract, Change Order or otherwise, is performed and paid for on a cost, or time and materials basis, the costs may be reimbursed to JOC Contractor and chargeable against the Contract Price will be determined as set forth in MAG 109.5.



#1 Tenant Improvement Contractor in Arizona 2016, 2017, 2018 & #1 General Contractor in Arizona 2017, 2018, 2019
2016 Tempe Business Excellence Award Winner
485 W. Vaughn Street, Tempe, AZ 85283 / Phone: (480) 894-2500 / Fax: (480) 894-2323
AZ RCC091625, AZ RCC088789, AZ RCC164561, CA 770323, UT 474122-520
ID RCE-28529, NM 85371, CO 233590, MT 155637, CR 218526, WA 604-150-564

"We build more than structures; we build confidence and relationships that last"





Project:	COC JOC 1904.401 CS2203.401 Mesquite Groves Aquatics Center Safety Improvements / UV Replacement R2			100 Building Sq. Ft.
Owner:	City of Chandler			- Site Sq. Ft.
Architect:	N/A			0.00 Site Acres
Bid Date:	12/13/2021	RFI(s):	00000	Permit Set
Taxing Jurisdiction:	Chandler	Addendum(s):	00000	
MRRA or TPT:	MRRA			

DESCRIPTION			TOTALS
DIVISION 1	GENERAL CONDITIONS		\$ 16,780.00
DIVISION 13	SPECIAL CONSTRUCTION		\$ 114,044.58
Subtotal of Cost Of Work			\$ 130,824.58
OVERHEAD/PROFIT	8.00%		\$ 10,465.97
GENERAL LIABILITY INSURANCE	1.00%		\$ 1,308.25
BUILDERS RISK INSURANCE	0.50%		\$ 654.12
BONDING FEES	1.50%		\$ 2,148.79
CONSTRUCTION ALLOWANCE	LS		\$ 13,000.00
TAX (Chandler 5.070%)	MRRA	0.000%	\$ -
TOTAL COST			\$ 158,401.71



COC JOC 1904.401 CS2203.401 Mesquite Groves Aquatics Center Safety Improvements / UV Replacement

General Conditions

3 Weeks

DATE:

12/13/2021

21 Calendar Days

CODE	ITEM	QTY	TYP	RATE	SUBTOTAL
	GENERAL CONDITIONS				\$ 15,380.00
00-1040	Project Manager	0.50	WK	\$ 4,200.00	\$ 2,100.00
00-1052	Assistant Project Manager	0.40	WK	\$ 3,200.00	\$ 1,280.00
00-1047	Project Coordinator	0.25	WK	\$ 2,400.00	\$ 600.00
00-1045	Superintendent	3.00	WK	\$ 3,800.00	\$ 11,400.00
	TEMPORARY FACILITIES				\$ 350.00
01-5219	Portable Toilets	1	MO	\$ 350.00	\$ 350.00
	GENERAL REQUIREMENTS				\$ 1,050.00
01-7410	Dumpster & Fees	1.00	PULL	\$ 550.00	\$ 550.00
00-1096	Safety / Temp Protection	1.00	LS	\$ 500.00	\$ 500.00

GENERAL CONDITIONS TOTAL

\$ 16,780.00

Commercial Pool Repair
 PO BOX 28397
 SCOTTSDALE, AZ 85255 US
 (480)661-7788
 commercialpoolrepair@gmail.com

Estimate



ADDRESS

Caliente Construction Inc.
 485 W Vaughn St,
 Tempe, AZ 85283

SHIP TO

City of Chandler
 Mesquite Groves
 5901 S Hillcrest Drive
 Chandler, AZ 85249

ESTIMATE #	DATE	EXPIRATION DATE
1204190	10/20/2021	11/30/2021

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

ACTIVITY	QTY	RATE	AMOUNT
Mesquite Groves UV System Replacement			
Mesquite Groves Comp Pool			
Product Evoqua ETS Wafer UV- WF-215-8-N	1	36,723.00	36,723.00T
Service Electrical service for system connection	1	2,625.00	2,625.00
Plumbing Pack 8" pipe, Flanges, Fitting to rebuild spool (part of bypass)	1	2,920.50	2,920.50T
Product Replace UV system bypass valves with Asahi Pool Pro 8" valves	2	600.41	1,200.82T
Service Plumbing, installation of UV system, System connections and Start-up (Training included)	1	9,800.00	9,800.00
**Please note on each UV system install we will preserve and reuse the existing bypass loop. We will replace a piece of the loop (flange to flange) to accommodate the new system. In addition, we will replace the two valves that isolate the UV system. We will not replace the system bypass valve as it is not in reach of UV light and the valves are working correctly. Lead Time on UV system is currently 4 weeks, lead time on transformer for Hamilton is 5 weeks. Please notify us on approval so that we can schedule production.			

All prices are good for 30 days unless otherwise noted. Prices do not include tax or shipping.

SUBTOTAL	53,269.32
TAX	3,287.97
SHIPPING	465.00
TOTAL	\$57,022.29

Accepted By

Accepted Date

Commercial Pool Repair
 PO BOX 28397
 SCOTTSDALE, AZ 85255 US
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Estimate



ADDRESS

Caliente Construction Inc.
 485 W Vaughn St,
 Tempe, AZ 85283

SHIP TO

City of Chandler
 Mesquite Groves
 5901 S Hillcrest Drive
 Chandler, AZ 85249

ESTIMATE #	DATE	EXPIRATION DATE
1204270	11/04/2021	11/30/2021

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

ACTIVITY	QTY	RATE	AMOUNT
Mesquite Groves UV System Replacement			
Mesquite Groves Leisure Pool			
Product Evoqua ETS Wafer UV- WF-215-8-N	1	36,723.00	36,723.00T
Service Electrical service for system connection	1	2,625.00	2,625.00
Plumbing Pack 8" pipe, Flanges, Fitting to rebuild spool (part of bypass)	1	2,920.50	2,920.50T
Product Replace UV system bypass valves (2) with Asahi Pool Pro 8" valves	2	600.41	1,200.82T
Service Plumbing, installation of UV system, System connections and Start-up (Training included)	1	9,800.00	9,800.00
**Please note on each UV system install we will preserve and reuse the existing bypass loop. We will replace a piece of the loop (flange to flange) to accommodate the new system. In addition, we will replace the two valves that isolate the UV system. We will not replace the system bypass valve as it is not in reach of UV light and the valves are working correctly. Lead Time on UV system is currently 4 weeks, lead time on transformer for Hamilton is 5 weeks. Please notify us on approval so that we can schedule production.			

All prices are good for 30 days unless otherwise noted. Prices do not include tax or shipping.

SUBTOTAL	53,269.32
TAX	3,287.97
SHIPPING	465.00
TOTAL	\$57,022.29

Accepted By

Accepted Date

EXHIBIT C

PERFORMANCE BOND

ARIZONA STATUTORY PERFORMANCE BOND
PURSUANT TO TITLES 28, 34, AND 41, ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS THAT:

_____ (hereinafter "Principal"), and _____ (hereinafter "Surety"), a corporation organized and existing under the laws of the State of _____ with its principal office in the City of _____, holding a certificate of authority to transact surety business in Arizona issued by the Director of Insurance pursuant to Title 20, Chapter 2, Article 1, as Surety, are held and firmly bound unto _____ (hereinafter "Obligee") in the amount of _____ (Dollars) (\$_____), for the payment whereof, Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated

the _____ day of _____, 20__ for construction of **MESQUITE GROVES AQUATIC CENTER SAFETY IMPROVEMENTS- ULTRAVIOLET SYSTEM REPLACEMENT, CS2203.401** which contract is hereby referred to and made a part hereof as fully and to the same extent as if copies at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal faithfully performs and fulfills all the undertakings, covenants, terms, conditions and agreements of the contract during the original term of the contract and any extension of the contract, with or without notice of the Surety, and during the life of any guaranty required under the contract, and also performs and fulfills all the undertakings, covenants, terms, conditions, and agreements of all duly authorized modifications of the contract that may hereafter be made, notice of which modifications to the Surety being hereby waived, the above obligation is void. Otherwise it remains in full force and effect.

PROVIDED, HOWEVER that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, and all liabilities on this bond will be determined in accordance with the provisions of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the same extent as if it were copied at length in this Contract.

The prevailing party in a suit on this bond may recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20__.

AGENT OF RECORD

PRINCIPAL

SEAL

By _____

SURETY

SEAL

AGENT ADDRESS

EXHIBIT D

PAYMENT BOND

ARIZONA STATUTORY PAYMENT BOND
PURSUANT TO TITLES 28, 34, AND 41, OF THE ARIZONA REVISED STATUTES
(Penalty of this Bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS THAT: _____

(hereinafter "Principal"), as Principal, and _____ (hereinafter "Surety"), a corporation organized and existing under the laws of the State of _____ with its principal office in the City of _____, holding a certificate of authority to transact surety business in Arizona issued by the Director of the Department of Insurance pursuant to Title 20, Chapter 2, Article 1, as Surety, are held and firmly bound unto _____ (hereinafter "Obligee") in the amount of _____ (Dollars) (\$_____), for the payment whereof, the Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written contract with the Obligee, dated the _____ day of _____, 20__ for construction of **MESQUITE GROVES AQUATIC CENTER SAFETY IMPROVEMENTS-ULTRAVIOLET SYSTEM REPLACEMENT, CS2203.401** which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal promptly pays all moneys due to all persons supplying labor or materials to the Principal or the Principal's subcontractors in the prosecution of the work provided for in said contract, this obligation is void. Otherwise it remains in full force and effect.

PROVIDED, HOWEVER that this bond is executed pursuant to the provisions of Title 34, Chapter 2, Article 2 Arizona Revised Statutes, and all liabilities on this bond will be determined in accordance with the provisions, conditions and limitations of Title 34, Chapter 2, Article 2, Arizona Revised Statutes, to the same extent as if it were copied at length in this Contract.

The prevailing party in a suit on this bond may recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

Witness our hands this _____ day of _____, 20__.

AGENT OF RECORD

PRINCIPAL SEAL

By _____

SURETY SEAL

AGENT ADDRESS

EXHIBIT E

CONTRACTOR'S AFFIDAVIT REGARDING SETTLEMENT OF CLAIMS

_____, Arizona

Date _____

Project Name: **MESQUITE GROVES AQUATIC CENTER SAFETY IMPROVEMENTS- ULTRAVIOLET SYSTEM
REPLACEMENT**

Project No.: **CS2203.401**

To the City of Chandler, Arizona

Gentlemen:

This is to certify that all lawful claims for materials, rental of equipment and labor used in connection with the construction of the above project, whether by subcontractor or claimant in person, have been duly discharged.

The undersigned, for the consideration of \$_____, as set out in the final pay estimate, as full and complete payment under the terms of the contract, hereby waives and relinquishes any and all further claims or right of lien under, in connection with, or as a result of the above described project. The undersigned further agrees to indemnify and save harmless the City of Chandler against any and all liens, claims or liens, suits, actions, damages, charges and expenses whatsoever, which said City may suffer arising out of the failure of the undersigned to pay for all labor performances and materials furnished for the performance of said installation.

Signed and dated at _____, this _____ day of _____ 20_____.

CONTRACTOR

By _____

STATE OF ARIZONA)
) SS
COUNTY OF MARICOPA)

The foregoing instrument was subscribed and sworn to before me this _____ day of _____
20 _____.

Notary Public

My Commission Expires

EXHIBIT F

CERTIFICATE OF COMPLETION

Project: **MESQUITE GROVES AQUATIC CENTER SAFETY IMPROVEMENTS- ULTRAVIOLET
SYSTEM REPLACEMENT**

Project No.: **CS2203.401**

(TO BE COMPLETED BY CONTRACTOR)

I HEREBY CERTIFY THAT ALL GOODS AND/OR SERVICES REQUIRED BY CITY OF CHANDLER PROJECT NO.
CS2203.401 HAVE BEEN DELIVERED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND BID
SPECIFICATIONS AND ALL ACTIVITIES REQUIRED BY THE CONTRACTOR UNDER THE CONTRACT HAVE BEEN
COMPLETED AS OF _____.

(Date)

FIRM NAME: _____

PRINCIPAL: _____

(Name)

(Signature)

(Title)

DATE: _____

CERTIFIED BY ENGINEER/CONSULTANT (IF APPLICABLE):

(Signature)

DATE: _____

(Firm Name)

PROJECT ACCEPTED BY USER DEPARTMENT

(Signature)

DATE: _____

(Dept. /Div.)

Date of Final Walk-Through

Date As-Built Received

City As-Built Number