

City of San Diego

CONTRACTOR'S NAME: San Diego Mechanical Energy
ADDRESS: 7568 Trade Street, San Diego, CA 92121
TELEPHONE NO.: 858-566-8200 **FAX NO.:** 858-566-8203
CITY CONTACT: Rosa Isela Riego, Senior Contract Specialist, Email: RRiego@sandiego.gov
Phone No. (619) 533-3426
A. Futo

QUOTE DOCUMENTS

FOR

FINAL



SDPD Police Plaza HVAC

MC NO.: M-22-0031
SAP NO. (WBS/IO/CC): 21004483

THIS CONTRACT WILL BE SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- PREVAILING WAGE RATES: STATE ☒
- APPRENTICESHIP

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NOTICE INVITING QUOTES

1. **SUMMARY OF WORK:** This is the City of San Diego's (City) solicitation process to acquire Minor Construction services for SDPD Police Plaza HVAC to replace failing Heat Exchanger (Part of HVAC System) at Police Plaza (Legacy Park). For additional information refer to Attachment A.
2. **LIMITED COMPETITION:** This solicitation is open only to City-certified **SLBE/ELBE** firms on the City's approved Prequalified Contractors List. For information regarding the SLBE-ELBE Construction Program and registration visit the City's web site: <http://www.sandiego.gov>.
3. **ESTIMATED CONSTRUCTION COST:** The City's estimated construction cost for this project is \$98,202.00.
4. **PREVAILING WAGE RATES APPLY TO THIS CONTRACT:** Refer to Attachment D.
5. **LICENSE REQUIREMENT:** The City has determined that the following licensing classification(s) are required for this contract: C-20
6. **AWARD PROCESS:**
 - 6.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions of Award as stated within these documents.
 - 6.2. The City may award the contract to the contractor with the written price quotation offering the best value to the City, considering factors such as price, unit cost, life cycle cost, economic cost analysis, operating efficiency, warranty and quality, compatibility with existing equipment, maintenance costs, experience and qualification of the contractor, when the contractor can start and complete the project, and any additional factors deemed relevant.
 - 6.3. This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form by the City Attorney's Office.
7. **SUBMISSION OF QUESTIONS:**
 - 7.1. Any questions related to this solicitation shall be submitted to:
Public Works Contracts
525 B Street, Suite 750
San Diego, California, 92101
Attention: [Rosa Isela Riego]
OR:
RRiego@sandiego.gov

INSTRUCTIONS TO BIDDERS

1. PREQUALIFICATION OF CONTRACTORS:

- 1.1. Contractors submitting a Quote must be pre-qualified for the total amount proposed, including all alternate items, prior to the date of submittal.

2. ELECTRONIC FORMAT RECEIPT AND OPENING OF QUOTES: Quotes will be received in electronic format EXCLUSIVELY at the City of San Diego's electronic bidding (eBidding) site, at: <http://www.sandiego.gov/cip/bidopps/index.shtml> and are due by the date, and time shown on the cover of this solicitation.

- 2.1. **BIDDERS MUST BE PRE-REGISTERED** with the City's bidding system and possess a system-assigned Digital ID in order to submit an electronic quote.
- 2.2. The City's bidding system will automatically track information submitted to the site including IP addresses, browsers being used and the URLs from which information was submitted. In addition, the City's bidding system will keep a history of every login instance including the time of login, and other information about the user's computer configuration such as the operating system, browser type, version, and more. Because of these security features, Contractors who disable their browsers' cookies will not be able to log in and use the City's bidding system.
- 2.3. The City's electronic bidding system is responsible for quote tabulations. Upon the bidder's or proposer's entry of their quote, the system will ensure that all required fields are entered. **The system will not accept a quote for which any required information is missing.** This includes all necessary pricing, subcontractor listing(s) and any other essential documentation and supporting materials and forms requested or contained in these solicitation documents.
- 2.4. **QUOTES REMAIN SEALED UNTIL QUOTE DEADLINE.** eBids are transmitted into the City's bidding system via hypertext transfer protocol secure (https) mechanism using SSL 128-256 bit security certificates issued from Verisign/Thawte which encrypts data being transferred from client to server. Quotes submitted prior to the "Quote Due Date and Time" are not available for review by anyone other than the submitter who has until the "Quote Due Date and Time" to change, rescind or retrieve its proposal should it desire to do so.
- 2.5. **QUOTES MUST BE SUBMITTED BY QUOTE DUE DATE AND TIME.** Once the quote deadline is reached, no further submissions are accepted into the system. Once the Quote Due Date and Time has lapsed, bidders, proposers, the general public, and City staff are able to immediately see the results on line. City staff may then begin reviewing the submissions for responsiveness.

2.6. QUOTES MAY BE WITHDRAWN by the Bidder only up to the quote due date and time.

2.6.1. Important Note: Submission of the electronic quote into the system may not be instantaneous. Due to the speed and capabilities of the user's internet service provider (ISP), bandwidth, computer hardware and other variables, it may take time for the bidder's submission to upload and be received by the City's eBidding system. It is the bidder's sole responsibility to ensure their quotes are received on time by the City's eBidding system. The City of San Diego is not responsible for quotes that do not arrive by the required date and time.

2.7. ACCESSIBILITY AND AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE: To request a copy of this solicitation in an alternative format, contact the Public Works Contract Specialist listed on the cover of this solicitation at least five (5) working days prior to the Quote due date to ensure availability.

3. ELECTRONIC QUOTE SUBMISSIONS CARRY FULL FORCE AND EFFECT

3.1. The bidder, by submitting its electronic quote, acknowledges that doing so carries the same force and full legal effect as a paper submission with a longhand (wet) signature.

3.2. By submitting an electronic quote, the bidder certifies that the bidder has thoroughly examined and understands the entire Contract Documents (which consist of drawings, forms, affidavits and the solicitation documents), and that by submitting the eBid as its quote proposal, the bidder acknowledges, agrees to and is bound by the entire Contract Documents.

3.3. The Bidder, by submitting its quote, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certification, forms and affidavits submitted as part of this quote are true and correct.

3.4. The Bidder agrees to the construction of the project as described in Attachment "A-Scope of Work" for the City of San Diego, in accordance with the requirements set forth herein for the electronically submitted prices. The Bidder guarantees the Contract Price for a period of 120 days from the date of quote opening. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent.

4. QUOTES ARE PUBLIC RECORDS: Upon receipt by the City, Quotes shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Quote. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case

law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.

5. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

5.1. Prior to the Award of the Contract or Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and quote management system. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>.

5.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.

6. JOINT VENTURE CONTRACTORS: Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 3-6, "The Contractors Representative" in The GREENBOOK and WHITEBOOK.

7. PREVAILING WAGE RATES WILL APPLY: Refer to Attachment D.

8. INSURANCE REQUIREMENTS:

8.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award letter.

8.2. Refer to sections 5-4, "INSURANCE", and 5-4.11, "WORKERS' COMPENSATION INSURANCE AND EMPLOYERS LIABILITY INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

9. REFERENCE STANDARDS: Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction ("The GREENBOOK") http://www.greenbookspecs.org/	2018	PWPI010119-01

Title	Edition	Document Number
City of San Diego Standard Specifications for Public Works Construction ("The WHITEBOOK")* https://www.sandiego.gov/publicworks/edocref/greenbook	2018	PWPI010119-02
City of San Diego Standard Drawings* https://www.sandiego.gov/publicworks/edocref/standarddraw	2018	PWPI010119-03
Citywide Computer Aided Design and Drafting (CADD) Standards https://www.sandiego.gov/publicworks/edocref/drawings	2018	PWPI010119-04
California Department of Transportation (CALTRANS) Standard Specifications – http://www.dot.ca.gov/des/oe/construction-contract-standards.html	2018	PWPI030119-05
CALTRANS Standard Plans http://www.dot.ca.gov/des/oe/construction-contract-standards.html	2018	PWPI030119-06
California Manual on Uniform Traffic Control Devices Revision 1 (CA MUTCD Rev 1) - http://www.dot.ca.gov/trafficops/camutcd/	2014	PWPI092816-07
<p>NOTE: *Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml</p> <p>*Electronic updates to the Standard Drawings may also be found in the link above.</p>		

10. CITY'S RIGHTS RESERVED: The City reserves the right to cancel the Notice Inviting Quotes at any time, and further reserves the right to reject submitted Quotes, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Quotes under the Notice Inviting Quotes shall be the sole responsibility of each bidder. The Notice Inviting Quotes creates or imposes no obligation upon the City to enter a contract.

11. CONTRACT PRICING: This solicitation is for a Lump Sum contract with Unit Price provisions as set forth herein. The Bidder agrees to perform construction services for the City of San Diego in accordance with these contract documents for the prices listed below. The Bidder further agrees to guarantee the Contract Price for a period of 120 days from the date of Quote opening. The duration of the Contract Price guarantee may be extended, by mutual consent of the parties, by the number of days required for the City to obtain all items necessary to fulfill all contractual conditions.

12. SUBCONTRACTOR INFORMATION:

12.1. LISTING OF SUBCONTRACTORS. In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act" of the California Public Contract Code, the Bidder shall provide the **NAME** and **ADDRESS** of each

Subcontractor who will perform work, labor, render services or who specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Quote. The Bidder shall also state within the description, whether the subcontractor is a **CONSTRUCTOR, CONSULTANT** or **SUPPLIER**. The Bidder shall state the **DIR REGISTRATION NUMBER** for all subcontractors and shall further state within the description, the **PORITION** of the work which will be performed by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Quote to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement may result in the Quote being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 3-2, "Self-Performance", which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors for which Bidders are seeking recognition towards achieving any mandatory, voluntary (or both) subcontracting participation goals.

12.2. Additionally, pursuant to California Senate Bill 96 and in accordance with the requirements of Labor Code sections 1771.1 and 1725.5, by submitting a quote or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the California Department of Industrial Relations (DIR). **The Bidder shall provide the name, address, license number, DIR registration number of any Subcontractor – regardless of tier** - who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract.

13. SUBMITTAL OF "OR EQUAL" ITEMS: See Section 4-6, "Trade Names" in The WHITEBOOK and as amended in the SSP.

14. AWARD:

14.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.

14.2. The City may award the contract to the contractor with the written price quotation offering the best value to the City, considering factors such as price, unit cost, life cycle cost, economic cost analysis, operating efficiency, warranty and quality, compatibility with existing equipment, maintenance costs, experience and qualification of the contractor, when the contractor can start and complete the project, and any additional factors deemed relevant.

- 14.3.** This contract will be deemed executed and effective only upon the signing of the Contract by the Mayor or his designee and approval as to form the City Attorney's Office.
- 15. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, First floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms within these documents.
- 16. AWARD OF CONTRACT OR REJECTION OF QUOTES:**
- 16.1.** Bidders shall complete ALL eBid forms as required by this solicitation. Incomplete eBids will not be accepted.
- 16.2.** The City reserves the right to reject any or all Quotes, to waive any informality or technicality in Quotes received, and to waive any requirements of these specifications as to bidding procedure.
- 16.3.** Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City within 3 Working Days of the quote opening, written notice from the Bidder which shows proof of honest, credible, clerical error of a material nature, free from fraud or fraudulent intent; and of evidence that reasonable care was observed in the preparation of the Quote.
- 16.4.** The City of San Diego will not discriminate in the award of contracts with regard to race, religion creed, color, national origin, ancestry, physical handicap, marital status, sex or age.
- 16.5.** Each Quote package properly signed as required by these specifications shall constitute a firm offer which may be accepted by the City within the time specified herein.
- 17. QUOTE RESULTS:**
- 17.1.** The availability of the quotes on the City's eBidding system shall constitute the public announcement. In the event that the apparent low bidder is subsequently deemed non-responsive or non-responsible, a notation of such will be made on the eBidding system. The new ranking and apparent low bidder will be adjusted accordingly.
- 17.2.** To obtain the results, view the results on the City's web site, or request the results by U.S. mail and provide a self-addressed, stamped envelope. If requesting by mail, be sure to reference the quote name and number. The quote tabulations will

be mailed to you upon their completion. The results will not be given over the telephone.

18. THE CONTRACT:

18.1. The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.

18.2. If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Quote guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

18.3. The award of the Contract is contingent upon the satisfactory completion of the above-mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee and approval as to form the City Attorney's Office. If the selected contractor does not execute the Contract or submit required documents and information, the City may award the Contract to another responsible and reliable Bidder who shall fulfill every condition precedent to award. The selected firm shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.

19. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK: The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Quote shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.

20. CITY STANDARD PROVISIONS: This contract is subject to the following standard provisions. See The WHITEBOOK for details.

20.1. The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.

20.2. The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.

20.3. The City of San Diego Municipal Code §22.3004 for Contractor Standards.

- 20.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
 - 20.5.** Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
 - 20.6.** The City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
 - 20.7.** The City's Information Security Policy (ISP) as defined in the City's Administrative Regulation 90.63.
- 21. PRE-AWARD ACTIVITIES:**
- 21.1.** The contractor selected by the City to execute a contract for this Work shall submit the required documentation as specified in the herein and in the Notice of Award. Failure to provide the information as specified may result in the Quote being rejected as **non-responsive**.
 - 21.2.** The decision that quote is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND**FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:**

San Diego Mechanical & Energy Inc. dba
San Diego Mechanical Energy, a corporation, as principal, and
SureTec Insurance Company, a corporation authorized to do
 business in the State of California, as Surety, hereby obligate themselves, their successors and
 assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of
Ninety Three Thousand Two Hundred Eighty One Dollars and Zero Cents (\$93,281.00) for the
 faithful performance of the annexed contract, and in the sum of **Ninety Three Thousand Two
 Hundred Eighty One Dollars and Zero Cents (\$93,281.00)** for the benefit of laborers and
 materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract with the City of San Diego,
 California, then the obligation herein with respect to a faithful performance shall be void;
 otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials
 for or performing labor in the execution of this contract, and shall pay all amounts due under the
 California Unemployment Insurance Act then the obligation herein with respect to laborers and
 materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit
 of all persons, firms and corporations entitled to file claims under the provisions of Article 2.
 Claimants, (iii) public works of improvement commencing with Civil Code Section 9100 of the Civil
 Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or
 referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby
 waives notice of same.

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of
 this bond.

The Surety expressly agrees that the City of San Diego may reject any contractor or
 subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of
 default by the Principal.

The Surety shall not utilize the Principal in completing the improvements and work
 specified in the Agreement in the event the City terminates the Principal for default.

PERFORMANCE BOND, LABOR AND MATERIALMEN'S BOND (continued)

Dated July 12, 2021

Approved as to Form

Mara W. Elliott, City Attorney

By Melissa Ables
Deputy City Attorney

Approved:

By Stephen Samara
Stephen Samara
Principal Contract Specialist
Purchasing & Contracting

San Diego Mechanical & Energy Inc. dba San Diego Mechanical Energy

Principal
By [Signature]
NEIL GIBSON.

Printed Name of Person Signing for Principal

SureTec Insurance Company

Surety
By [Signature]
Audrey Rodriguez
Attorney-in-fact

3131 Camino del Rio North #1450

Local Address of Surety

San Diego, CA 92108

Local Address (City, State) of Surety

619-400-4031

Local Telephone No. of Surety

Premium \$ 2,332.00 Premium is for contract term and subject to adjustment based on final contract price.

Bond No. 4448904

ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of San Diego }

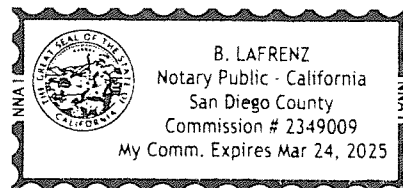
On July 12, 2021 before me, B. Lafrenz, Notary Public
(Here insert name and title of the officer)

personally appeared Audrey Rodriguez,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

B. Lafrenz
Notary Public Signature (Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

- _____
(Title)
☐ Partner(s)
☒ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Larry D. Cogdill, Michael W. Thomas, Brooke Lafrenz, Audrey Rodriguez

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for, providing the bond penalty does not exceed

Fifteen Million and 00/100 Dollars (\$15,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 17th day of August A.D. 2020.



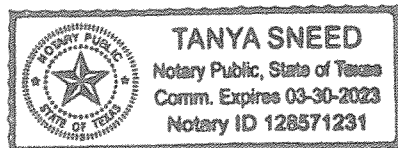
SURETEC INSURANCE COMPANY

By: Michael C. Keimig
Michael C. Keimig, President

State of Texas
County of Harris

ss:

On this 17th day of August A.D. 2020 before me personally came Michael C. Keimig, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



Tanya Sneed
Tanya Sneed, Notary Public
My commission expires March 30, 2023

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 12th day of July, 2021, A.D.

M. Brent Beaty
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity. 510143

For verification of the authority of this power you may call (713) 812-0800 any business day between 8:30 am and 5:00 pm CST.

SureTec Insurance Company

3131 Camino del Rio N., Suite 1450
San Diego, CA 92108
619-400-4100

CHANGE RIDER

To be attached to and form a part of:

Bond Number: 4448904

Principal: San Diego Mechanical & Energy Inc. dba San Diego Mechanical Energy

Obligee: City of San Diego

Said bond, issued by SureTec Insurance Company, as Surety, is hereby amended as follows:

The bond amount is increased from: Ninety-Three Thousand Two Hundred Eighty-One Dollars (\$93,281.00) to: Ninety-Eight Thousand Two Hundred Two Dollars (\$98,202.00)

Effective date of rider: September 24, 2021

All other terms and conditions shall remain the same.

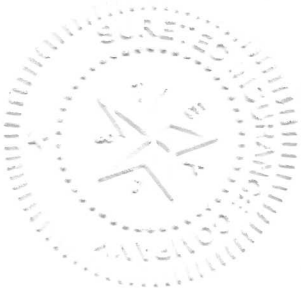
Signed and sealed this 24th day of September, 2021.

SureTec Insurance Company

Surety

By: Brooke Lafrenz

Brooke Lafrenz, Attorney-in-Fact



ALL-PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of San Diego }

On 24 September 2021 before me, Audrey Rodriguez, Notary Public
(Here insert name and title of the officer)

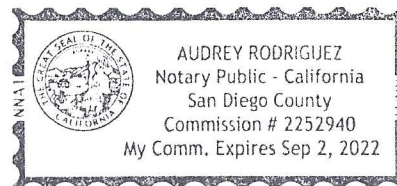
personally appeared Brooke Lafrenz,
who proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that
the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Audrey Rodriguez
Notary Public Signature

(Notary Public Seal)



ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages _____ Document Date _____

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

- _____
(Title)
☐ Partner(s)
☒ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Larry D. Cogdill, Michael W. Thomas, Brooke Lafrenz, Audrey Rodriguez

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for, providing the bond penalty does not exceed

Fifteen Million and 00/100 Dollars (\$15,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 17th day of August A.D. 2020.

SURETEC INSURANCE COMPANY

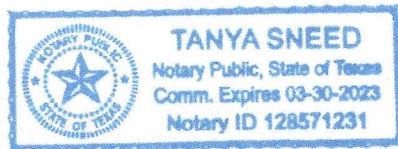
By: 
Michael C. Keimig, President




State of Texas
County of Harris

SS:

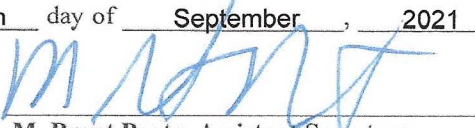
On this 17th day of August A.D. 2020 before me personally came Michael C. Keimig, to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




Tanya Sneed, Notary Public
My commission expires March 30, 2023

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 24th day of September, 2021, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity. 510143
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:30 am and 5:00 pm CST.

ATTACHMENTS

ATTACHMENT A

SCOPE OF WORK

SCOPE OF WORK

1. SCOPE OF WORK:

- A. Servicing Existing Equipment
 - 1. Chiller
 - 2. Cooling Tower
- B. Piping Modifications
 - 1. Provide and install (2) suction strainers serving heat exchangers
 - i. serving cold side of heat exchanger
 - ii. serving hot side of heat exchanger
 - 2. Provide and install balancing valve on outlet of chiller
 - i. Verify flow through barrel as per design, adjust as needed.
- C. Heat Exchanger & Separator
 - 1. Demo and remove existing flat plate heat exchanger, properly dispose of offsite
 - 2. Provide and install (1) new flat plate as described in the above equipment schedule
 - i. Modify piping to accommodate inlet/outlet connections
 - ii. Existing flat plate incorrectly piped
 - 3. Demo existing building loop air separator, properly dispose offsite
 - 4. Provide and install (1) new Spirotherm dirt & air separator
 - i. Pipe to drain with isolation valve
 - 5. Provide and install hardware, fasteners, brackets, straps, and bracing per unit recommendations
 - 6. Modify piping to accommodate changes
 - 7. Open isolation valves and fill system from approved location
 - 8. Energize equipment and test for proper operation.
 - 9. Provide water balance of mechanical plant
- D. Pumps
 - 1. De-energize pumps 5 & 6 controls and power, properly lock and tagout
 - 2. Disconnect electrical
 - 3. Close isolation and drain pumps to an approved location
 - i. If valves do not hold work ill stop and customer will be notified
 - 4. Demo pumps and properly dispose offsite
 - 5. Provide and install (2) new pumps as described in the above equipment schedule
 - 6. Provide (2) Suction Diffuser - 3" inlet/2.5" outlet to pump
 - i. One (1) per pump
 - ii. Provide gaskets, bolts and fitting to accommodate modifications
 - 7. Connect existing electrical, modify as needed
 - 8. Energize equipment
 - 9. Provide start up and commission
 - 10. Put pumps into service

11. Clean up of jobsite debris

E. Clarifications – Contractor to list any Clarifications as needed

F. Exclusions – Contractor to list any/all exclusions

The Work shall be performed in accordance with:

1.1.1. The Notice Inviting Quotes.

2. ESTIMATED CONSTRUCTION COST: The City's estimated construction cost for this project is \$98,202.00.

3. LOCATION OF WORK: The location of the Work is as follows:

**4020 Murphy Canyon Road
San Diego, CA 92123**

4. CONTRACT TIME: The Contract Time for completion of the Work, shall be **90 Working Days**.

ATTACHMENT B

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ATTACHMENT C
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ATTACHMENT D
PREVAILING WAGES

PREVAILING WAGES

1. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.
 - 1.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.
 - 1.1.1. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
 - 1.1.2. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the published rate of wage shall be in effect for the life of this Contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the DIR, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this Contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this Contract, each successive predetermined wage rate shall apply to this Contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this Contract, such wage rate shall apply to the balance of the Contract.
 - 1.2. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed. This shall be in addition to any other applicable penalties allowed under Labor Code sections 1720 – 1861.
 - 1.3. **Payroll Records.** Contractor and its subcontractors shall comply with California

Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.

1.3.1. Contractor and their subcontractors shall also furnish records specified in Labor Code section 1776 directly to the Labor Commissioner in the manner required by Labor Code section 1771.4.

1.4. Apprentices. Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor is held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.

1.5. Working Hours. Contractor and their subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on contractors and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.

1.6. Required Provisions for Subcontracts. Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1771.1, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.

1.7. Labor Code Section 1861 Certification. Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract."

1.8. Labor Compliance Program. The City has its own Labor Compliance Program authorized in August 2011 by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred. For questions or assistance, please contact the City of San Diego's Prevailing Wage Unit at 858-627-3200.

1.9. Contractor and Subcontractor Registration Requirements. This project is subject to compliance monitoring and enforcement by the DIR. A contractor or

subcontractor shall not be qualified to quote on, be listed in a quote or proposal, subject to the requirements of section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Labor Code section 1725.5. It is not a violation of this section for an unregistered contractor to submit a quote that is authorized by Section 7029.1 of the Business and Professions code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

1.9.1. A Contractor's inadvertent error in listing a subcontractor who is not registered pursuant to Labor Code section 1725.5 in response to a solicitation shall not be grounds for filing a quote protest or grounds for considering the quote non-responsive provided that any of the following apply: (1) the subcontractor is registered prior to quote opening; (2) within twenty-four hours after the quote opening, the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5; or (3) the subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.

1.9.2. By submitting a quote or proposal to the City, Contractor is certifying that he or she has verified that all subcontractors used on this public work project are registered with the DIR in compliance with Labor Code sections 1771.1 and 1725.5, and Contractor shall provide proof of registration for themselves and all listed subcontractors to the City at the time of quote or proposal due date or upon request.

1.10. Stop Order. For Contractor or its subcontractors engaging in the performance of any public work contract without having been registered in violation of Labor Code sections 1725.5 or 1771.1, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractors or unregistered subcontractor(s) on ALL public works until the unregistered contractor or unregistered subcontractor(s) is registered. Failure to observe a stop order is a misdemeanor.

1.11. List of all Subcontractors. The Contractor shall provide the list of subcontractors (regardless of tier), along with their DIR registration numbers, utilized on this Contract prior to any work being performed; and the Contractor shall provide a complete list of all subcontractors with each invoice. Additionally, Contractor shall provide the City with a complete list of all subcontractors (regardless of tier) utilized on this contract within ten working days of the completion of the contract, along with their DIR registration numbers. The City shall withhold final payment to Construction Management Professional until at least thirty (30) days after this information is provided to the City.

1.12. Exemptions for Small Projects. There are limited exemptions for installation, alteration, demolition, or repair work done on projects of \$25,000 or less. The Contractor shall still comply with Labor Code sections 1720 et. seq. The only recognized exemptions are listed below:

- 1.12.1.** Registration. The Contractor will not be required to register with the DIR for small projects. (Labor Code section 1771.1)
- 1.12.2.** Certified Payroll Records. The records required in Labor Code section 1776 shall be required to be kept and submitted to the City of San Diego, but will not be required to be submitted online with the DIR directly. The Contractor will need to keep those records for at least three years following the completion of the Contract. (Labor Code section 1771.4).
- 1.12.3.** List of all Subcontractors. The Contractor shall not be required to hire only registered subcontractors and is exempt from submitting the list of all subcontractors that is required in section 1.11 above. (Labor code section 1773.3).

ATTACHMENT E
SUPPLEMENTARY SPECIAL PROVISIONS

SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

1. The **2018 Edition** of the Standard Specifications for Public Works Construction (The "GREENBOOK").
2. The **2018 Edition** of the City of San Diego Standard Specifications for Public Works Construction (The "WHITEBOOK"), including the following:
 - a) General Provisions (A) for all Construction Contracts.

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-4 INSURANCE. To the "GREENBOOK", DELETE in its entirety and SUBSTITUTE with the following:

5-4 INSURANCE.

1. The insurance provisions herein shall not be construed to limit your indemnity obligations contained in the Contract.

5-4.1 Policies and Procedures.

1. You shall procure the insurance described below, at its sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or Subcontractors.
2. Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
3. You shall maintain this insurance for the duration of this Contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this Contract. Your liabilities under the Contract, e.g., your indemnity obligations, is not deemed limited to the insurance coverage required by this Contract.
4. The payment for insurance shall be included in the Contract Price as bid by you. Except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any Work under this Contract until you have provided and the City has approved all required insurance.

5. Policies of insurance shall provide that the City is entitled to 30 Days (10 Days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of the Contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of the Contract may be treated by the City as a material breach of the Contract.

5-4.2 Types of Insurance.

5-4.2.1 Commercial General Liability Insurance.

1. Commercial General Liability Insurance shall be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy shall cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There shall be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You shall maintain the same or equivalent insurance for at least 10 years following completion of the Work.
4. All costs of defense shall be outside the policy limits. Policy coverage shall be in liability limits of not less than the following:

<u>General Annual Aggregate Limit</u>	<u>Limits of Liability</u>
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

5-4.2.2 Commercial Automobile Liability Insurance.

1. You shall provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles ("Any Auto").
2. All costs of defense shall be outside the limits of the policy.

5-4.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this Contract as described herein shall be carried only by responsible insurance companies with a rating of, or equivalent to, at least "A-, VI"

by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

5-4.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, "surplus lines" carriers only if the carrier is authorized to do business in the State and is included on the List of Approved Surplus Lines Insurers (LASLI list).

All policies of insurance carried by non-admitted carriers shall be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

5-4.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document shall be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

5-4.5 Policy Endorsements.

5-4.5.1 Commercial General Liability Insurance.

5-4.5.1.1 Additional Insured.

1. You shall provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
2. To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
3. The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products,
 - c) your Work, e.g., your completed operations performed by you or on your behalf, or
 - d) premises owned, leased, controlled, or used by you.
4. The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 shall include liability arising out of:
 - a) Ongoing operations performed by you or on your behalf,
 - b) your products, or
 - c) premises owned, leased, controlled, or used by you.

- 5-4.5.1.2 Primary and Non-Contributory Coverage.** The policy shall be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it shall provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives shall be in excess of your insurance and shall not contribute to it.
- 5-4.5.1.3 Project General Aggregate Limit.** The policy or policies shall be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work shall reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit shall be in addition to the aggregate limit provided for the products-completed operations hazard.
- 5-4.5.2 Commercial Automobile Liability Insurance.**
- 5-4.5.2.1 Additional Insured.** Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy shall be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.
- 5-4.6 Deductibles and Self-Insured Retentions.** You shall pay for all deductibles and self-insured retentions. You shall disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.
- 5-4.7 Reservation of Rights.** The City reserves the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. The City will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this Contract.
- 5-4.8 Notice of Changes to Insurance.** You shall notify the City 30 Days prior to any material change to the policies of insurance provided under this Contract.
- 5-4.9 Excess Insurance.** Policies providing excess coverage shall follow the form of the primary policy or policies e.g., all endorsements.
- 5-4.11 Workers' Compensation Insurance and Employers Liability Insurance.**
1. In accordance with the provisions of §3700 of the California Labor Code, you shall provide at your expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials,

and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.

2. Limits for this insurance shall be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

3. By signing and returning the Contract you certify that you are aware of the provisions of §3700 of the Labor Code which requires every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you shall comply with such provisions before commencing the Work as required by §1861 of the California Labor Code.

5-4.11.1. Waiver of Subrogation. The policy or policies shall be endorsed to provide that the insurer will waive all rights of subrogation against the City and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from Work performed by the Named Insured for the City.

ATTACHMENT F
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ATTACHMENT G
CONTRACT AGREEMENT

CONTRACT AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and San Diego Mechanical Energy (SDME), herein called "Contractor" for construction of SDPD Police Plaza HVAC; Quote No. M-22-0031; in the amount **Ninety Eight Thousand Two Hundred Two Dollars and Zero Cents (\$98,202.00)**, which is comprised of the Base Quote.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) Faithful Performance and Payment Bonds.
 - (b) Proposal included in the Quote documents by the Contractor.
 - (c) Reference Standards listed in the Instruction to Bidders and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled SDPD Police Plaza HVAC, on file in the office of the Purchasing & Contracting Department as Document No. 21004483 as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner [SDPD Police Plaza HVAC, Minor Contract Number: M-22-0031], San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

CONTRACT AGREEMENT (continued)

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code **\$22.3102** authorizing such execution.

THE CITY OF SAN DIEGO

By *Stephen Samara*

Print Name: Stephen Samara
Principal Contract Specialist
Purchasing & Contracting

Date: 9/29/2021

APPROVED AS TO FORM

Mara W. Elliott, City Attorney

By *Melissa Ables*

Print Name: Melissa Ables
Deputy City Attorney

Date: 9/28/2021

CONTRACTOR

By *Neil Gibson*

Print Name: Neil Gibson

Title: CEO / General Manager

Date: 9/20/2021

City of San Diego License No.: B2016002389

State Contractor's License No.: 997083

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) REGISTRATION NUMBER: 1000008266

CERTIFICATIONS AND FORMS

The Bidder, by submitting its electronic quote, agrees to and certifies under penalty of perjury under the laws of the State of California, that the certifications, forms and affidavits submitted as part of this quote are true and correct.

Bidder's General Information

To the City of San Diego:

Pursuant to "Notice Inviting Quotes", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this quote is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the quote is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham quote, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham quote, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the quote price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the quote price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the quote are true; and, further, that the bidder has not, directly or indirectly, submitted his or her quote price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, quote depository, or to any member or agent thereof to effectuate a collusive or sham quote.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its quote proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

**NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH QUOTE
UNDER 23 UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106**

State of California

County of San Diego

The bidder, being first duly sworn, deposes and says that he or she is authorized by the party making the foregoing quote that the quote is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the quote is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham quote, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham quote, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the quote price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the quote price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the quote are true; and further, that the bidder has not, directly or indirectly, submitted his or her quote price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, quote depository, or to any member or agent thereof to effectuate a collusive or sham quote.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 5-1.3, "Drug-Free Workplace", of the project specifications, and that;

This company has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 5-1.2, "California Building Code, California Code of Regulations Title 24 and Americans with Disabilities Act", of the project specifications, and that:

This company has in place workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

I declare under penalty of perjury that I am authorized to make this certification on behalf of the company submitting this quote, that as Contractor, I am familiar with the requirements of City of San Diego Municipal Code § 22.3004 regarding Contractor Standards as outlined in the WHITEBOOK, Section 5-1.4, ("Contractor Standards and Pledge of Compliance"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3004.

CONTRACTOR CERTIFICATION

Equal Benefits Ordinance Certification

I declare under penalty of perjury that I am familiar with the requirements of and in compliance with the City of San Diego Municipal Code § 22.4300 regarding Equal Benefits Ordinance.

CONTRACTOR CERTIFICATION

Equal Pay Ordinance Certification

Contractor shall comply with the Equal Pay Ordinance (EPO) codified in the San Diego Municipal Code (SDMC) at section 22.4801 through 22.4809, unless compliance is not required based on an exception listed in SDMC section 22.4804.

Contractor shall require all of its subcontractors to certify compliance with the EPO in their written subcontracts.

Contractor must post a notice informing its employees of their rights under the EPO in the workplace or job site.

By signing this Contract with the City of San Diego, Contractor acknowledges the EPO requirements and pledges ongoing compliance with the requirements of SDMC Division 48, section 22.4801 et seq., throughout the duration of this Contract.

ELECTRONICALLY SUBMITTED FORMS

**THE FOLLOWING FORMS MUST BE SUBMITTED IN PDF FORMAT WITHIN 3 WORKING DAYS
OF THE NOTICE OF INTENT TO AWARD (NOI)**

The following forms are to be completed by the bidder and submitted electronically.

- A. CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS**
- B. MANDATORY DISCLOSURE OF BUSINESS INTERESTS FORM**
- C. LIST OF SUBCONTRACTORS (INCLUDING TIER)**
- D. DEBARMENT AND SUSPENSION CERTIFICATION FOR PRIME CONTRACTORS**
- E. DEBARMENT AND SUSPENSION CERTIFICATION FOR SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS**

Quotes will not be accepted until ALL the above-named forms are submitted.

CONTRACTOR'S CERTIFICATION OF PENDING ACTIONS

As part of its quote, the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

☒

The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

☐

The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN

Contractor Name: San Diego Mechanical Energy

Certified By Neil Gibson Title CEO / General Manager
Neil Gibson Name
Neil Gibson (Jul 13, 2021 12:18 PDT) Date 7-13-21
 Signature

USE ADDITIONAL FORMS AS NECESSARY

Mandatory Disclosure of Business Interests Form

BIDDER/PROPOSER INFORMATION

Legal Name		DBA	
San Diego Mechanical & Energy Inc.		San Diego Mechanical Energy	
Street Address	City	State	Zip
7568 Trade Street	San Diego	CA	92121
Contact Person, Title		Phone	Fax
Neil Gibson - CEO/ General Manager		858-566-8200	858-566-8203

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103).

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction,
- the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and
- any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or
- directing or supervising the actions of persons engaged in the above activity.

Name	Title/Position
Neil Gibson	CEO / General Manager
City and State of Residence	Employer (if different than Bidder/Proposer)
San Diego, California	
Interest in the transaction	
Owner - 100%	

Name	Title/Position
City and State of Residence	Employer (if different than Bidder/Proposer)
Interest in the transaction	

Use Additional Pages if Necessary

Under penalty of perjury under the laws of the State of California, I certify that I am responsible for the completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Mayor or Designee within five (5) business days if, at any time, I learn that any portion of this Mandatory Disclosure of Business Interests Form requires an updated response. Failure to timely provide the Mayor or Designee with written notice is grounds for Contract termination.

Neil Gibson



7/16/21

Print Name, Title

Signature

Date

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Mandatory Disclosure of Business Interests Form is submitted.

LIST OF SUBCONTRACTORS (INCLUDING TIER)

In accordance with the requirements of the "Subletting and Subcontracting Fair Practices Act", Section 4100, of the California Public Contract Code (PCC), the Bidder is to list below the name, address and license number of each Subcontractor who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement, in an amount of or in excess of 0.5% of the Contractor's total Bid. The Contractor is to list only one Subcontractor for each portion of the Work. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percentage of the Work to be performed with the Bidder's own forces. In addition, the bidder is to list below the name address, license number, DIR registration of any known tiered subcontractors who will perform work, labor, render services or specially fabricate and install a portion [type] of the work or improvement pursuant to the contract. It is the responsibility of the Contractor to notify the City of any additional subcontractors, including tiered, that are utilized on the project as soon as it is known.

If no subcontractors are being utilized for this contract, please fill in form using "N/A" (not applicable) and submit accordingly. Use of "N/A" for work that exceeds 0.5%, or failure to list a subcontractor for work that exceeds 0.5% of the Contractor's total Bid indicates the Contractor will self-perform the work.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	SUB TYPE (C or D*)	DIR REGISTRATION NUMBER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	IDENTIFICATION OF SUB TIER LEVEL (1 ST , 2 ND , 3 RD , ETC.) **	NAME OF CONTRACTOR REPORTING TO
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____							

*C - Constructor (builder)

*D - Designer (Preparing or modifying designs for construction projects)

** 1st tier means subcontractor is reporting directly to the prime contractor. 2nd tier means the subcontractor is reporting to the 1st tier subcontractor, and so on.

**** USE ADDITIONAL FORMS AS NECESSARY ****

DEBARMENT AND SUSPENSION CERTIFICATION

EFFECT OF DEBARMENT OR SUSPENSION

To promote integrity in the City's contracting processes and to protect the public interest, the City shall only enter into contracts with responsible bidders and contractors. In accordance with San Diego Municipal Code §22.0814 (a): *Bidders* and *contractors* who have been *debarred* or *suspended* are excluded from submitting bids, submitting responses to requests for proposal or qualifications, receiving *contract* awards, executing *contracts*, participating as a *subcontractor*, employee, agent or representative of another *person* contracting with the City.

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s).

The names of all persons interested in the foregoing proposal as Principals are as follows:

NAME	TITLE
Neil Gibson	CEO / General Manager
Brandon Reed	Treasurer
Justin Ahlgren	Secretary

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Bidder or other interested person is an individual, state first and last names in full.

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal, State or local agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal, State or local agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Contractor Name: San Diego Mechanical Energy

Certified By Neil Gibson Title CEO / General Manager

Name

Neil Gibson
Neil Gibson (Jul 13, 2021 12:19 PM)

Date 7/13/21

Signature

NOTE: Providing false information may result in criminal prosecution or administrative sanctions.

N/A

DEBARMENT AND SUSPENSION CERTIFICATION
SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS
TO BE COMPLETED BY BIDDER
IF NONE PLACED N/A ON FORM

Names of the Principal individual owner(s)

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of Names of the Principal Individual owner(s) for their subcontractor/supplier/manufacturers.

Please indicate if principal owner is serving in the capacity of **subcontractor**, **supplier**, and/or **manufacturer**:

☐ SUBCONTRACTOR ☐ SUPPLIER ☐ MANUFACTURER

NAME	TITLE

☐ SUBCONTRACTOR ☐ SUPPLIER ☐ MANUFACTURER

NAME	TITLE

☐ SUBCONTRACTOR ☐ SUPPLIER ☐ MANUFACTURER

NAME	TITLE

☐ SUBCONTRACTOR ☐ SUPPLIER ☐ MANUFACTURER

NAME	TITLE

Contractor Name: _____

Certified By _____ Title _____

Name

_____ Date _____

Signature

USE ADDITIONAL FORMS AS NECESSARY



San Diego Mechanical Energy

7568 Trade Street
San Diego, CA 92121
(858) 566-8200 Phone
(858) 566-8203 Fax
License # 997083

The city of San Diego
4020 Murphy Canyon Rd.

Attn: Raymond Garcia Jr.
HVACR Technician

Heat Exchanger Replacement



Date

6/28/2021

Proposal # BSR-20.142

Brandon Reed

Operations Manager
San Diego Mechanical Energy



Proposal Summary

We are pleased to provide you with this proposal to make repairs the police plaza hybrid mechanical system. Price to include labor and materials to complete the below scope.

- *New Heat exchanger to be piped in the correct orientation of inlet/outlet, (existing) heat exchanger found piped backwards has caused premature failure.*
 - *Found hot side PSI drop of 35lbs, design 7.9 @ Delta 10 degrees*

Equipment

Tag	Qty	Model/Plates	Cold Flow	Cold T In/Out	Hot Flow	Hot T In/Out	Pressure drop Hot/Cold PSI
HX-1	1	AQ6-FG	498	85/95	500	98/88	7.9 PSI

- Including:
 - AHRI-400 Certified Performance
 - Plate Material: AISI 304 Stainless Steel 0.4 mm Thickness
 - Frame Material: Carbon Steel
 - Gasket Material: NBRB Clip-on gaskets
 - 150°F Maximum temperature 150 psi maximum working temperature
 - OSHA compliant shroud

Spirotherm - VDT

Tag	Qty	Description	Model	Connection Size	Flow
DAS-1	1	Dirt/Air Separator	VDT-0600-FA	6"	500 GPM

Including:

- Dirt & Air Separator with a Spirotop air vent.
- 6" pipe size with ASME Flanged connections
- Patented woven copper Spirotube® cores
- Rated at 150 psi at 270°F
- 100% Free and Entrained air removal 99.6% Dissolved air removal
- Removal of particles down to 30 microns
- Automatic Venting
- Low Pressure Drop across separator



Armstrong - 4300 DE VIL

Tag	Qty	Model	Motor HP	Design RPM	Flow (GPM)	Head (ft)
P-5,6	2	4300-0205	10	3600	250/each	106

- Including:
 - Built-in (Pre-mounted and pre-wired) VFD w/link reactors and EMI/RFI filters
 - VFD to be in UL Type 4X Outdoor Enclosure with cover (no bypass)
 - 460v/3ph/60
 - BAS Communications Option (BACNet native)
 - Frequency bypass selection to eliminate system noise problems.
 - Bronze-fitted pump (cast iron casing bronze impeller SST shaft)
 - Split-coupled arrangement for ease of service.
 - Premium efficient TEFC motors inverter-ready(460v)
 - Armstrong 4300 Vertical In-Line (VIL) pumps are permanently aligned and do not require field alignment.
 - Armstrong 4300 VIL pumps have no pump bearings to fail.
 - **Three-year extended parts only warranty.**

Mechanical Scope

A. Chiller & Cooling Tower

- Access workspace with tools and materials to perform project.
- Disconnect electrical and controls serving system, properly lock and tagout
- Close nearest isolation valves serving chiller and cooling towers, drain water to approved location.
 - ✓ If Isolation valves do not hold work will stop and customer is notified.
- Brush and clean condenser tubes to prepare for testing
 - ✓ If condenser barrels are fouled with scale and require chemical cleaning this will be additional to scope
 - ✓ Perform eddy current inspection of (1) McQuay WHR070 reciprocating chiller.
 - The dual condensers (D/CDS ~34 tubes each) will be tested in accordance with the following specs:
 - ASME B&PV Code (Section V, Article 8), ASTM E690/E243, using cutting edge Eddy View test instrumentation
 - Provide detailed report of any findings or recommended repairs during inspection
- Provide ceramic epoxy coating on (1) McQuay WHR070 reciprocating chiller.



- ✓ The (4) tube sheets (T/S) and (4) heads (HDS) of the unit will be dried, end faced, SP-3 prepped (as needed), SP-10 vac-u-blasting, and then applied in a laminar, multi-coat approach with ceramic polymer epoxy.
- ✓ SDME to provide premium, 100 % solids, 2-part (resin/hardener) polymer, it's a metal filled alloy that renders the steel inert, offering outstanding protection against the water, corrosion, erosion, electrolytic, galvanic, acidic, and abrasive mechanisms that can attack the steel
 - All prep and application will be performed in accordance with industry SSPC/NACE guidelines by bonded, licensed, insured personnel highly trained & certified by ECCS as an approved ceramic epoxy applicator.
- Energize chiller, verify no leaks
- Drain cooling towers 1 & 2
- Clean basin of debris and scale
- Clean basin strainers
- Verify float operation, adjust as needed
- Visually inspect rotating assemblies, report findings & recommendations to customer
- Fill tower and chiller, put into service

Piping Modifications

- Provide and install (2) suction strainers serving heat exchangers
 - ✓ (1) serving cold side of heat exchanger
 - ✓ (1) serving hot side of heat exchanger
- Provide and install balancing valve on outlet of chiller
 - ✓ Verify flow through barrel as per design, adjust as needed.

Heat Exchanger & Separator

- Demo and remove existing flat plate heat exchanger, properly dispose of offsite.
- Provide and install (1) new flat plate as described in the above equipment schedule
 - ✓ Modify piping to accommodate inlet/outlet connections
 - ***(Existing flat plate incorrectly piped)***
- Demo existing building loop air separator, properly dispose offsite
- Provide and install (1) new Spirotherm dirt & air separator
 - ✓ Pipe to drain with isolation valve
- Provide and install hardware, fasteners, brackets, straps, and bracing per unit recommendations
- Modify piping to accommodate changes
- Open isolation valves and fill system from approved location.
- Energize equipment and test for proper operation.
- Provide water balance of mechanical plant



B. Pumps

- De energize pumps 5 & 6 controls and power, properly lock and tagout
- Disconnect electrical
- Close isolation and drain pumps to an approved location
 - If valves do not hold work will stop and customer will be notified.
- Demo pumps and properly dispose offsite
- Provide and install (2) new pumps as described in the above equipment schedule
- Provide (2) Suction Diffuser - 3" inlet/2.5" outlet to pump
 - (1) per pump
 - Provide gaskets, bolts and fitting to accommodate modifications
- Connect existing electrical, modify as needed
- Energize equipment
- Provide start up and commission
- Put pumps into service
- Clean up of jobsite debris

Clarifications

- Work is to be completed during normal business hours.
- Any electrical upgrade to be provided by others
- Engineering to assist with schedule and building shutdowns
- Proposal based on info provided by the city of San Diego

Exclusions

- Any BAS controls or connection to building automation system is excluded.
- Connection to fire life safety system is excluded.
- Water building balancing, and water treatment is excluded.
- Additional cost for off hours escort is excluded.
- Outside air systems are excluded.
- Any drywall, paint, patch, or repair to hard lid or wall penetrations
- Any plans, permits, engineering, or inspections



Total Project Investment Cost

A. Chiller, Cooling Tower, Piping Modifications, Heat Exchanger, & Separator

..... \$67,000. Initial_____

B. Replacement Pumps

..... \$26,281. Initial_____

Labor

..... \$10,120. Initial_____

Materials & Subs

..... \$83,161. Initial_____

Total Cost

..... \$93,281. Initial_____

ADD: Bond

..... \$4,921. Initial_____

Terms and Conditions

- Payment due net 30
- Quoted price is valid for 30 days.
- Payment to be discussed upon award.

Agreement Execution

If you should have any questions regarding this proposal, please feel free to contact me.

San Diego Mechanical Energy will proceed with the proposed contract as outlined after receiving the authorized client signatures.

Sincerely,

Brandon Reed

Brandon Reed
Operations Manager
San Diego Mechanical Energy
Breed@sdme-inc.com
Cell: 760-310-0131
www.sdme-inc.com

Customer Acceptance:

Signature: _____

Print Name: _____

Title _____

Date: _____