

TO: CITY OF LONG BEACH
CITY CLERK
ATTN: TOMMY RYAN
333 West Ocean Boulevard, Plaza Level
Long Beach, California 90802



INVITATION TO BID

IRRIGATION CONTROLLER UPGRADES

CONTRACT NO. 35216

1. COMPLETE CONTRACT:

This Invitation to Bid, together with THE NOTICE INVITING BIDS, the entire Bid (including Specifications), or any items(s) thereof, the signature page, Instructions to Bidders, General Conditions, Special Conditions, Bid Section, Addendums, and when required, CONTRACTOR'S BOND shall become the Contract upon its acceptance by the City Manager or designee on behalf of the City of Long Beach, Contractor will be provided with a copy of the executed Contract. All materials or services provided by the Contractor shall comply with the City Charter, and all applicable Federal, State and City Laws.

2. SERVICES TO BE PROVIDED BY THE CONTRACTOR:

Contractor shall upon acceptance of this Bid by the City, furnish the goods and services herein specified according to the terms and conditions set forth herein.

3. AMOUNT TO BE PAID:

The City shall pay Contractor for the goods or services as described in the section entitled "PAYMENT" in the Instructions to Bidders.

4. CHOICE OF ALTERNATE PROVISIONS; OPTIONS; NOTIFICATION:

When alternative provisions are requested, or options are offered, Contractor will be notified as to which provision, or option, is being accepted at the same time that he is notified that he is the successful Bidder.

5. DECLARATION OF NON-COLLUSION:

The undersigned certifies or declares under penalty of perjury that this Bid is genuine and not sham or collusive, or made in the interest or on behalf of any person or entity not herein named; that the Bidder has not directly or indirectly induced or solicited any other Bidder to submit a sham bid, or any other person or entity to refrain from bidding, and that the Bidder has not in any manner sought by collusion to secure to himself any advantage over other Bidders.

BIDDER MUST COMPLETE AND SIGN BELOW:

(Signature of Corporate Officers or persons authorized to sign bids and contracts on behalf of the Contractor – refer to page 2 Instructions Concerning Signatures.)

EXECUTED AT: Canoga Park, CA ON THE 22nd DAY OF April, 2019
CITY STATE MONTH

COMPANY NAME: American Landscape, Inc. TIN: [REDACTED]
(FEDERAL TAX IDENTIFICATION NUMBER)

STREET ADDRESS: 7013 Owensmouth Ave CITY: Canoga Park STATE: CA ZIP: 91303

PHONE: 818-963-1776 FAX: 818-999-2056

S/ [Signature] President
(SIGNATURE) (TITLE)

Gary Peterson GPeterson@americanlandscape.com
(PRINT NAME) (EMAIL ADDRESS)

S/ [Signature] Secretary
(SIGNATURE) (TITLE)

Jamie Tsui JTsui@americanlandscape.com
(PRINT NAME) (EMAIL ADDRESS)

ALL SIGNATURES MUST BE NOTARIZED FOR ALL COMPANIES LOCATED OUTSIDE THE STATE OF CALIFORNIA.
NO OUT-OF-STATE BID WILL BE CONSIDERED UNLESS A NOTARIAL ACKNOWLEDGMENT IS ATTACHED.
NOTARIES ARE NOT REQUIRED FOR CALIFORNIA BIDDERS.

IN WITNESS WHEREOF the City of Long Beach has caused this contract to be executed as required by law as of the date stated below.

THE CITY OF LONG BEACH
BY [Signature] 5/8/19
Director of Financial Management Date

APPROVED AS TO FORM 58, 2019
CHARLES PARKIN
CITY ATTORNEY
[Signature] Deputy

BID NUMBER ITB PR18-153

The City of Long Beach is committed to provide maximum opportunities for Disadvantaged, Minority, Women and Long Beach Business Enterprises (DBEs, MBEs, WBEs and Local) to compete successfully in supplying our needs for products and services.

The following information is submitted regarding the Bidder:

Legal Form of Bidder:

- Corporation State of CA
- Partnership State of _____
- General Limited
- Joint Venture
- Individual DBA _____
- Limited Liability Company State of _____

Composition of Ownership (more than 51% of ownership of the organization):

OPTIONAL

Ethnic (Check one):

- Black Asian Other Non-white
- Hispanic American Indian Caucasian

Non-ethnic Factors of Ownership (check all that apply):

- Male Yes - Physically Challenged Under 65
- Female No - Physically Challenged Over 65

Is the firm certified as a Disadvantaged Business: Yes No

Has firm previously been certified as a minority-owned and/or woman-owned business enterprise by any other agency?

- Yes No

Name of certifying agency: _____

INSTRUCTIONS CONCERNING SIGNATURES

Please use the proper notary form, which applies to your type of organization on all Bid documents, attachments and bonds requiring a signature by officers of your company.

NOTE: FAILURE TO COMPLY MAY RESULT IN DISQUALIFICATION OF YOUR BID.

INDIVIDUAL (Doing Business As)

- a. The only acceptable signature is the owner of the company. (Only one signature is required.)
- b. The owner's signature must be notarized if the company is located outside of the state of California.

PARTNERSHIP

- a. The only acceptable signature(s) is/are that of the general partner or partners.
- b. Signature(s) must be notarized if the partnership is located outside of the state of California.

CORPORATION

- a. Two (2) officers of the corporation must sign.
- b. Each signature must be notarized if the corporation is located outside of the state of California.

OR

- a. The signature of one officer or the signature of person other than an officer is acceptable if the Bid is accompanied by a certified corporate resolution granting authority to said person to execute contracts on behalf of the corporation.
- b. Signature(s) must be notarized if the corporation is located outside of the state of California.

LIMITED LIABILITY COMPANY

- a. The signature on the Bid must be a member or, if the Articles provide for a manager, must be the manager. (Only one signature is required.)
- b. Signature must be notarized if the company is located outside of the state of California.

THIS INFORMATION IS AVAILABLE IN AN ALTERNATIVE FORMAT BY CONTACTING 562-570-6200.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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 Los Angeles)

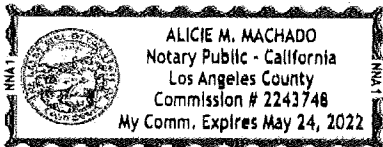
On December 03, 2018 before me, Alicie M. Machado, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Gary Peterson
Name(s) of Signer(s)

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.



Signature *[Handwritten Signature]*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____
Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

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 _____)

On _____ before me, _____
(insert name and title of the officer)

personally appeared _____,
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.

Signature _____ (Seal)

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

DESCRIPTION OF ATTACHED DOCUMENT

- INDIVIDUAL
- CORPORATE OFFICER

- PARTNER(S) TITLE(S)
 - LIMITED
 - GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER:

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES):

SIGNER(S) OTHER THAN NAMED ABOVE

INSTRUCTIONS TO BIDDERS

1. PREPARATION OF BID:

The preparation of the Bid, including visits to the Site prior to submittal of the Bid, shall be at the expense of Bidder. All prices and notations must be typewritten or written in ink. Any markings in pencil shall not form part of the Bid and shall be disregarded by the City. Any changes or corrections in the Bid must be initialed in ink by the person signing the Bid. Bidder shall state brand name or make of each item bid. If not bidding on item as described, the manufacturer's name and catalog number of the substitute must be given. Bidder shall also attach specifications and furnish other data to establish the suitability of the substitute. Bidder shall quote separately on each item. Bidder shall quote his lowest price and best delivery date as no changes are permitted after the bid opening. Cash discounts offered for payment within fourteen (14) days or less will not be considered when evaluating bids. No telephonic, telegraphic or fax Bids are acceptable.

NOTE: ALL PAGES OF THE INVITATION TO BID MUST BE RETURNED.

2. EXAMINATION OF BID:

Bidder is responsible for examining the Invitation to Bid and submitting its Bid complete and in conformance with these instructions.

3. CONDITIONS OF WORK:

Bidder shall carefully examine the Site to become fully informed regarding all existing and expected conditions and matters, which could affect performance, cost or time of the Work.

4. DISCREPANCIES IN BID DOCUMENTS:

If Bidder finds discrepancies in or omissions from the Invitation to Bid, if the intent of the Invitation is not clear, or if provisions of the Specifications restrict Bidder from bidding, he may request in writing that the deficiency(s) be modified. Such request must be received by the City Purchasing Agent at least five (5) working days before bid opening date. Bidders will be notified by Addendum of any approved changes in the Invitation to Bid.

5. ORAL STATEMENTS:

The City of Long Beach shall not be bound by oral statements made by any employee or agent concerning this Invitation to Bid. If Bidder requires specific information, Bidder must request it in writing and obtain a reply in writing from the City.

6. BRAND NAMES AND SPECIFICATIONS:

The detailed specifications and/or brand names stated are descriptive only and indicate quality, design and construction of items required. **Offers will be considered to supply articles substantially the same as those described herein but with minor variations. Bidders must describe variations in the Bid.** Substitute items must be equal in quality, utility and performance. **The phrase "or approved equal" throughout the specifications means that the City in its sole and absolute discretion shall make the final determination whether or not the substitute items are equal.**

7. AWARD:

Bid shall be subject to acceptance by the City for a period of three (3) months unless a lesser period is prescribed in the quotation by Bidder. The City reserves the right to award all items to one Bidder, or to award separate items or groups of items to various Bidders, or to increase or decrease the quantities of any item. Bidder may submit alternate prices or name a lump sum or discount conditional on two or more items being awarded to him.

The City's purchases of goods and services are based on the City's actual needs and requirements. The City is obligated under this contract/purchase order to purchase and pay for only those goods and services that the City needs and requires, and that the City actually orders and receives. Any dollar amount identified as a "not to exceed:" amount in any City document is not a guaranteed payment amount to any contractor or service provider. Furthermore, the City may determine that its needs and requirements may be met by City labor or by a second contractor or service provider, even after an award is made to one contractor or service provider. An award is not a promise or guarantee of exclusivity.

Bidders are cautioned that comments and statements, whether oral or written, made by City employees regarding the validity of Bids, the waiver of deviations from Specifications, the possibility or probability of an award being made to a particular Bidder, and other similar matters are NOT binding on the City. Bidders should not order materials, obtain financing or take other actions based on such comments and statements. Only authorization of a Contract by the City Council or issuance of a Purchase Order is conclusive and binding on the City with respect to this Bid and its resulting Contract or Purchase Order. However, prior to authorization by the City Council or issuance of the Purchase Order, Bidders may rely on: (1) approval of an "equal" or "substitute" item which will be issued in writing, and (2) written notice of intent to award by the City Council, which is often issued prior to the authorization by the City Council so that a Bidder can order materials that have a long lead time.

8. PAYMENT:

Payment terms are NET/30 unless Bidder otherwise quotes. All Cash Discounts shall be taken and computed from the date of delivery or completion and acceptance of the material, or from date of receipt of invoice, whichever occurs last. Invoices must be submitted as specified at the time of shipping authorization. Partial payments may be made by the City on delivery & acceptance of goods and on receipt of goods and on receipt of Contractor's invoice.

In the event the Contract to be awarded hereunder, including specifications and other documents incorporated therein by reference, provides for the withholding of moneys by the City to ensure performance of such Contract, Contractor may deposit with the City, as a substitute for said withheld moneys, securities listed in Section 16430 of the California Government Code or bank or savings and loan certificates of deposit, or both, equivalent to the amount withheld, provided Contractor requests permission to make such substitution and bears all expenses in connection therewith.

9. SAFETY APPROVAL:

Where required by City Regulations, any items delivered must carry Underwriters Laboratories Approval or City of Long Beach City Safety Officer approval. Failure to so comply will be cause to reject Bid. Also, any equipment must conform with the Safety Orders of the California Division of Industrial Safety and OSHA regulations.

10. BUSINESS LICENSE:

The Long Beach Municipal Code (LBMC) requires all businesses operating in the City of Long Beach to pay a business license tax. In some cases the City may require a regulatory permit and/or evidence of a State or Federal license. Prior to issuing a business license, certain business types will require the business license application and/or business location to be reviewed by the Development Services, Fire, Health, and/or Police Departments. For more information, go to www.longbeach.gov/finance/business_license.

INSTRUCTIONS TO BIDDERS

11. PUBLIC WORK AND PREVAILING WAGES:

The Contractor to whom the contract is awarded, along with its subcontractors, shall pay not less than the general prevailing rate of per diem, holiday and overtime wages established by the Department of Industrial Relations (DIR) of the State of California for the locality in which the public work is to be performed for each craft, classification or type of worker needed to execute the contract. Refer to the California DIR's website, <http://www.dir.ca.gov/dlsr> for such prevailing wages and additional information.

The Director of Public Works of the City by and on behalf of the City Council has obtained from the Director of the Department of Industrial Relations of the State of California the general prevailing rate of per diem wages and the general prevailing rate of holiday and overtime work in the locality in which the public work is to be performed for each craft, classifications or type of workers needed to execute the Contract, and the same is on file with the City Engineer, 9th floor, City Hall, 333 W. Ocean Boulevard, Long Beach, California 90802. It shall be mandatory upon the Contractor to whom the Contract is awarded, and his Subcontractors to pay not less than the said prevailing rate of wages to all workers employed by Contractor or said Subcontractors in the execution of the Contract.

12. RIGHT TO REJECT:

The City reserves the right to reject at any time any or all Bids, or parts thereof, and to waive any variances, technicalities and informalities which do not impair the quality, utility, durability or performance of the items.

13. SAMPLES:

Samples of items when requested or required must be furnished to the City free of expense to the City and, if not destroyed by tests, will upon request be returned at Bidder's expense.

14. PRICES:

Prices shall be in accordance with those extended to other governmental agencies. In case of error in extension of prices, unit price will govern. All prices must be firm for the Contract term unless the City specifically provides for adjustment.

15. CITY'S POLICY FOR MINORITY AND WOMEN-OWNED BUSINESSES:

The City of Long Beach is committed to providing maximum opportunities for Disadvantaged, Minority, Women and Long Beach Business Enterprises (DBEs, MBEs, WBEs and Local) to compete successfully in supplying our needs for products and services.

SUBCONTRACTORS

To assist the City in maintaining records of its Minority and Women Outreach Program, Bidder is requested to provide the following information. Answers are optional, and failure to answer will not disqualify Bid. If additional space is required, Bidder shall attach a separate sheet.

The following Minority- or Woman-owned subcontractors are to be utilized to provide equipment, material, supplies and/or services for this Contract requirement:

Company Name: _____

Address: _____

Commodity/Service Provided: _____

Circle appropriate designation: MBE WBE

Ethnic Factors of Ownership: (more than 51%)
Black () American Indian ()
Hispanic () Other Non-white ()
Asian () Caucasian ()

Certified by: _____

Valid thru: _____

Dollar value of participation: \$ _____

16. BID SUBMITTAL AND WITHDRAWAL OF BIDS:

Each Bid must be delivered to the location and received on or before the due date and time stated herein. Bids will not be accepted after the date and time stated herein. Bids may be withdrawn without prejudice providing the written request is received by the City Clerk no later than the time set for opening Bids. Withdrawals will be returned to Bidder unopened.

SUBMIT TO:
CITY OF LONG BEACH
CITY CLERK – ATTN: TOMMY RYAN
333 W OCEAN BLVD/PLAZA LEVEL
LONG BEACH CA 90802

BID DUE DATE: 12/04/18

TIME: 11:00 am

IF BIDDER HAS ANY QUESTIONS REGARDING THIS INVITATION TO BID PLEASE CONTACT THE FOLLOWING CITY PERSONNEL.

TOMMY RYAN (562) 570-5664
BUYER TELEPHONE NUMBER

17. BID OPENING PROCEDURES:

All bids are publicly opened and will be posted on the City's online system at the date and time noted on the Invitation to Bid.

Bid results are posted on the City's online system as soon as they have been reviewed for responsiveness. Bids are awarded to the lowest responsible and responsive bidder meeting the City's specifications. Bid results will not be given out via telephone, City email, or facsimile.

CAUTION: Only the City Council has authority to make an award, and a contract is not in effect until the City Council makes an award and contract documents (including insurance and bonds) are signed, submitted and approved.

Bid protest procedures may be obtained from the Buyer. Protests must be submitted within five (5) business days following the electronic notification of intent to award.

18. INTER-AGENCY PARTICIPATION:

IF OTHER AGENCIES EXPRESS AN INTEREST IN PARTICIPATING IN THIS BID, WOULD YOU SUPPLY THE SAME ITEMS.

YES _____ NO _____

(If yes, any agency electing to participate in this Bid will order its own requirements without regard to the City of Long Beach. The City of Long Beach assumes no liability or payment guarantee on any units sold to participating agencies.)

19. AMERICANS WITH DISABILITIES ACT:

Contractor shall have and be allocated the sole responsibility to comply with the Americans with Disabilities Act of 1990 ("ADA") with respect to performance hereunder and contractor shall defend, indemnify and hold the City, its officials and employees harmless from and against any and all claims of failure to comply with or violation of the ADA as said claim relates to this Contract.

20. EQUAL BENEFITS ORDINANCE:

Bidders/Proposers are advised that any contract awarded pursuant to this procurement process shall be subject to the applicable provisions of Long Beach Municipal Code section 2.73 et seq., the Equal Benefits Ordinance. Bidders/Proposers shall refer to Attachment/Appendix for further information regarding the requirements of the Ordinance.

All Bidders/Proposers shall complete and return, with their bid/proposal, the Equal Benefits Ordinance Compliance form contained in the Attachment/Appendix. Unless otherwise specified in this procurement package, Bidders/Proposers do not need to submit supporting documentation verifying with their bids/proposals. However, supporting documentation verifying that the benefits are provided equally shall be required if the Bidder/Proposer that is selected for award of a contract.

CONTRACT – GENERAL CONDITIONS

1. Acceptance of the offer contained in this Contract is expressly limited to the terms and conditions of such offer as herein stated.
2. No charges for taxes, transportation, boxing, packaging, crating or returnable containers will be allowed and paid by the City unless separately stated hereon. All sales, use, excise or similar taxes to be paid by the City must be itemized separately hereon and on invoices. The City is exempt from payment of Federal Excise Tax under Certificate No. 95-73 0502K and none shall be charged to the City.
3. The City's obligation to pay the sum herein stated for any one fiscal year shall be contingent upon the City Council of the City appropriating the necessary funds for such payment by the City in each fiscal year during the term of this Contract. For the purposes of this section a fiscal year commences on October 1 of the year and continues through September 30 of the following year. In the event that the City Council of the City fails to appropriate the necessary funds for any fiscal year, then, and in that event, the Contract will terminate at no additional cost or obligation to the City.
4. Contractor shall deliver the materials, equipment, supplies or services, or cause the work to be performed, within the time and in the manner specified in the Contract. Times and dates stated herein are of the essence. If at any time Contractor has reason to believe that deliveries will not be made as scheduled, written notice setting forth the cause of the anticipated delay shall be given immediately to the City. Deliveries must be prepaid. C.O.D. shipments will not be accepted.
5. The City reserves the right at any time to make changes in drawings and specifications, in methods of shipment and packaging and in place of delivery as to any articles covered by this Contract. In such event there will be made an equitable adjustment in price and time of performance mutually satisfactory to Contractor and the City; but any claim by Contractor for such an adjustment must be made within thirty (30) days of such change.
6. Contractor warrants that the goods, machinery or equipment delivered or the work performed hereunder shall conform to the specifications, drawings, samples or other description specified by the City and shall be fit and sufficient for the purpose intended, merchantable, of good material and workmanship, in good working order and free from defect or faulty workmanship for a period of ninety (90) days. When defective goods, machinery, or equipment or faulty workmanship is discovered which requires repair or replacement pursuant to this warranty, Contractor shall provide all labor, materials, parts and equipment to correct such defect at no expense to the City.
7. Contractor shall indemnify, protect and hold harmless City, its Boards, Commissions, and their officials, employees and agents ("Indemnified Parties"), from and against any and all liability, claims, demands, damage, loss, obligations, causes of action, proceedings, awards, fines, judgments, penalties, costs and expenses, including attorneys' fees, court costs, expert and witness fees, and other costs and fees of litigation, arising or alleged to have arisen, in whole or in part, out of or in connection with (1) Contractor's breach or failure to comply with any of its obligations contained in this Contract, including any obligations arising from the Contractor's compliance with or failure to comply with applicable laws, including all applicable federal and state labor requirements including, without limitation, the requirements of California Labor Code section 1770 et seq. or (2) negligent or willful acts, errors, omissions or misrepresentations committed by Contractor, its officers, employees, agents, subcontractors, or anyone under Contractor's control, in the performance of work or services under this Contract (collectively "Claims" or individually "Claim").

In addition to Contractor's duty to indemnify, Contractor shall have a separate and wholly independent duty to defend Indemnified Parties at Contractor's expense by legal counsel approved by City, from and against all Claims, and shall continue this defense until the Claims are resolved, whether by settlement, judgment or otherwise. No finding or judgment of negligence, fault, breach, or the like on the part of Contractor shall be required for the duty to defend to arise. City shall notify Contractor of any Claim, shall tender the defense of the Claim to Contractor, and shall assist Contractor, as may be reasonably requested, in the defense.

If a court of competent jurisdiction determines that a Claim was caused by the sole negligence or willful misconduct of Indemnified Parties, Contractor's costs of defense and indemnity shall be (1) reimbursed in full if the court determines sole negligence by the Indemnified Parties, or (2) reduced by the percentage of willful misconduct attributed by the court to the Indemnified Parties.

If the Contractor elects to use subcontractors, Contractor agrees to require its subcontractors to indemnify Indemnified Parties and to provide insurance coverage to the same extent as Contractor. The provisions of this Section shall survive the expiration or termination of this Contract.
8. The City reserves the right to terminate this Contract at any time in whole or in part even though Contractor is not in default hereunder. In such event there will be made an equitable adjustment of the terms that is mutually satisfactory to the City and Contractor. Upon receipt of any notice of such termination, Contractor shall, unless such notice otherwise directs, immediately discontinue all work on the Contract and deliver, if and as directed, to the City all completed and partially completed articles, work in process and materials purchased or acquired for performance of the Contract. The provisions of this section shall not limit or affect the right of the City to terminate this Contract immediately upon written notice of breach.

CONTRACT – GENERAL CONDITIONS

9. The City reserves the right to cancel this Contract or any part thereof and reject delivery of goods if delivery is not undertaken and completed when specified and in accordance with specifications. Contractor shall be charged for any direct losses, but not any consequential damages, sustained by the City by reason of such delay or failure, excepting losses caused by a delay for reasons beyond Contractor's reasonable control. Direct losses shall include any costs to the city in excess of the Contract price of obtaining goods from other sources similar to those cancelled or rejected hereunder.
10. The City shall pay to Contractor the price(s) specified in the Contract on delivery of the materials, equipment, supplies or services and acceptance thereof by the City Manager or his designee, or upon completion of the work to be performed and accepted thereof, as specified in the Contract. Defective articles or articles not in accordance with the City's specifications shall be held for Contractor's instructions at Contractor's risk, and if Contractor so directs will be returned at Contractor's expense.
11. No return or exchange of material, equipment or supplies shall be permitted without written approval of the City Purchasing Agent.
12. All royalties for patents, or changes for the use of patents, which may be involved in any article to be furnished under this Contract shall be included in the Contract price.
13. In cases where a price subject to escalation has been agreed upon, the price escalation shall be shown as a separate item on the invoice. Unless an escalator clause has been shown as a specific part of this Contract Contractor shall not be entitled to reimbursement for costs incurred due to escalation.
14. All materials, supplies and equipment provided under this Contract shall be in full compliance with the Safety Orders and Regulations of the Division of Industrial Safety of the State of California, Title 8, California Code of Regulations (CAL/OSHA) and all applicable OSHA regulations as well as all other applicable California Code of Regulations. Contractor shall indemnify and hold the City, its officials, and employees harmless for, of and from any and all loss, including but not limited to fines, penalties and corrective measures, the City may sustain by reason of Contractor's failure to comply with said laws, rules and regulations in connection with the performance of this Contract.
15. Contractor shall keep confidential and not disclose to others or use in any way to the detriment of the City confidential business or technical information that the City may disclose in conjunction with this Contract or Contractor may learn as a result of performing this Contract.
16. This Contract shall not be assigned in whole or in part, nor any duties delegated without the City's prior written approval.
17. The remedies herein reserved shall be cumulative and additional to any other remedies at law or in equity. The waiver of any breach of this Contract shall not be held to be a waiver of any other or subsequent breach. The City's failure to object to provisions contained in any communication from Contractor shall not be deemed an acceptance of such provisions or a waiver of the provisions of this Contract.
18. This Contract shall not be amended or modified, except by written agreement signed by the parties and expressly referring to this Contract.
19. Contractor shall indemnify, hold harmless and defend the City, its officials and employees from any damage, claim, loss, cost, liability, cause of action or expense, including reasonable attorney's fees, whether or not reduced to judgment, arising from any infringement or claimed infringement of any patent, trademark or copyright, or misappropriation of confidential information or trade secrets of any third party and based on the manufacture, sale or use of goods, machinery or equipment supplied hereunder.
20. Contractor shall furnish further itemization and breakdown of the Contract price when requested by the City.
21. Contractor, in the performance of any work or the furnishing of any labor under this Contract, shall be considered as an independent contractor. Contractor, his agents and employees shall not be considered as employees of the City.
22. Contractor and subcontractor(s) shall not discriminate against any person in the performance of this Contract and shall comply with applicable federal, state and city equal employment opportunity laws, ordinances, rules and regulations. Contractor and subcontractor(s) shall not discriminate against any employee or applicant for employment or against any subcontractor on the basis of race, color, religion, national origin, sex, sexual orientation, AIDS, HIV status, age, disability, or handicap, subject to federal and state laws, rules and regulations.
23. Contractor shall comply with all applicable federal, state and local laws pertaining to the subject matter hereof.
24. Contractor shall submit samples of all documents that Contractor may require the City to execute to complete this transaction. By accepting these samples as part of the bid or by awarding the Contract to a Contractor who has submitted said samples, the City

CONTRACT – GENERAL CONDITIONS

does not agree to the terms stated in said samples. This Invitation to Bid and Contractor's bid shall take priority over said samples and this Invitation and Contractor's bid shall become the Contract between the City and the Contractor.

- 25. All quantities stated herein are only ESTIMATES. The City reserves the right to increase or decrease these estimated quantities based on its actual needs and funds available.
- 26. The City reserves the right to exercise, at its option, an increase in expenditures by ten (10) percent annually, but the City does not guarantee such an increase.
- 27. Contractor shall cooperate with the City in all matters relating to taxation and the collection of taxes, particularly with respect to the self-accrual of use tax. Contractor shall cooperate as follows: (i) for all leases and purchases of materials, equipment, supplies or other tangible personal property totaling over \$100,000 shipped from outside California, a qualified Contractor shall complete and submit to the appropriate governmental entity the form in Appendix "A" attached hereto; and (ii) for construction contracts and subcontracts totaling \$5,000,000 or more, Contractor shall obtain a sub-permit from the California Board of Equalization for the Work site. "Qualified" means that the Contractor purchased at least \$500,000 in tangible personal property that was subject to sales or use tax in the previous calendar year.

In completing the form and obtaining the permit(s), Contractor shall use the address of the Work site as its business address and may use any address for its mailing address. Copies of the form and permit(s) shall also be delivered to the Purchasing Agent. The form must be submitted and the permit(s) obtained as soon as Contractor receives a notice of award. Contractor shall not order any materials or equipment over \$100,000 from vendors outside California until the form is submitted and the permit(s) obtained and, if Contractor does so, it shall be a material breach of the Agreement. In addition, Contractor shall make all purchases from its Long Beach sales office and the Long Beach sales office of its vendors if those vendors have a Long Beach office and all purchases made by Contractor under this Agreement which are subject to use tax of \$500,000 or more shall be allocated to the City of Long Beach. Contractor shall require the same form and permit(s) from its subcontractors.

Contractor shall not be entitled to and by signing this Contract waives any claim or damages for delay against City if Contractor does not timely submit these forms to the appropriate governmental entity. Contractor may contact Julissa Jose-Murray at 562-570-6869 for assistance with the form.

- 28. The California Integrated Waste Management Act (Public Resources Code, Sec. 40000 et seq.) requires governmental entities to achieve fifty (50) percent diversion of waste. In conjunction with the City's Integrated Resources Bureau, the City is currently developing an Environmentally Preferable Product (EPP) procurement plan. These guidelines enable the City Purchasing Agent to greatly expand procurement programs by moving beyond a singular consideration of "recycled-content". EPP procurement facilitates the purchase of products that qualify within a broad range of "environmentally preferable" criteria, such as: minimal packaging; energy savings; non-toxic; manufactured from sustainably-harvested materials. Contractor shall monitor products that fall within the EPP guidelines and document all criteria that qualifies the product as an EPP. Documentation from the manufacturer will be acceptable and may be required during the term of the Contract.
- 29. **NOTICE TO BIDDERS REGARDING THE PUBLIC RECORDS ACT:**
Responses to this Invitation to Bid become the exclusive property of the City of Long Beach. All Bids submitted in response to this Invitation to Bid are a matter of public record and shall be regarded as public records. Exceptions will be only those elements in each Bid that are defined by the Bidder as business or trade secrets and are marked as "Trade Secrets", "Confidential" or "Proprietary".

The City shall not be liable or responsible in any way for disclosure of any records not marked as "Trade Secrets", "Confidential" or "Proprietary". The City shall not be liable or responsible in any way for disclosure of any records so marked if disclosure is deemed to be required by law or by a court order.

- 30. **NOTE: FAILURE TO COMPLY WITH THESE ADDITIONAL CONDITIONS WILL DISQUALIFY A BIDDER. NOTICE OF INTENTION TO APPLY FOR WAIVER OF ALL OR A PORTION OF THESE INSURANCE REQUIREMENTS MUST BE IN COMPLIANCE WITH CITY OF LONG BEACH ADMINISTRATIVE REGULATION 8-27 (AR 8-27). NOTE THAT COMPLIANCE WITH THE CITY'S INDEMNIFICATION IS MANDATORY FOR A RESPONSIVE BIDDER.**

THE FOLLOWING ADDITIONAL CONDITIONS APPLY TO ALL BIDS:

INSURANCE: As a condition precedent to the effectiveness of this Contract, Contractor shall procure and maintain at its expense, until completion of performance and acceptance by City, from an insurer admitted (licensed) in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of V (capital surplus and conditional surplus funds of greater than \$10 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City's Risk Manager, or non-admitted in the State of California with a current financial responsibility rating of A (Excellent) or better

CONTRACT – GENERAL CONDITIONS

and a current financial size category (FSC) of VIII (capital surplus and conditional surplus funds of greater than \$100 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City’s Risk Manager.

- (a) Commercial general liability insurance or self-insurance equivalent in coverage scope to ISO CG 00 01 10 93 naming **the City of Long Beach, and its boards, officials, employees, and agents** as additional insureds on a form equivalent in coverage scope to ISO CG 20 10 11 85 from and against claims, demands, causes of action, expenses, costs, or liability for injury to or death of persons, or damage to or loss of property arising out activities performed by or on behalf of the Contractor in an amount not less than One Million Dollars (US \$1,000,000) per occurrence and Two Million Dollars (US \$2,000,000) in general aggregate. This coverage shall include coverage for the perils of explosion, collapse, and underground (XCU) and sudden and accidental pollution liability.
- (b) Workers’ compensation coverage as required by the Labor Code of the State of California and Employer’s liability insurance with minimum limits of One Million Dollars (US \$1,000,000) per accident or occupational illness. The policy shall be endorsed with a waiver of the insurer’s right of subrogation against **the City of Long Beach, and its boards, officials, employees, and agents**.
- (c) Automobile liability insurance equivalent in coverage scope to ISO CA 00 01 06 92 in an amount not less than Five Hundred Thousand Dollars (US \$500,000) combined single limit (CSL) per accident for bodily injury and property damage covering Symbol 1 (“all autos”).

Any self-insurance program or self-insurance retention must be approved separately in writing by the City’s Risk Manager or designate and shall protect the **City of Long Beach, and its boards, officials, employees, and agents** in the same manner and to the same extent as they would have been protected had the policy or policies not contained retention provisions. Each insurance policy shall be endorsed to state that coverage shall not be suspended, voided, or canceled by either party except after thirty (30) days prior written notice to the City of Long Beach, and shall be primary and not contributing to any other insurance or self-insurance maintained by the City of Long Beach.

Any subcontractors of all tiers which Contractor may use in the performance of this Contract shall be required to maintain insurance in compliance with the provisions of this section. The additional insured endorsement form number applicable to subcontractors with respect to the general liability insurance shall be the ISO CG 20 26 11 85 form or its equivalent.

Contractor shall deliver to the City of Long Beach certificates of insurance and original endorsements for approval as to sufficiency and form prior to the start of performance hereunder. The certificates and endorsements for each insurance policy shall contain the original signature of a person authorized by that insurer to bind coverage on its behalf. “Claims-made” policies are not acceptable unless the City’s Risk Manager determines that “Occurrence” policies are not available in the market for the risk being insured. In a “Claims-made” policy is accepted, it must provide for an extended reporting period of not less than one hundred eighty (180) days. Such insurance as required herein shall not be deemed to limit Contractor’s liability relating to performance under this Contract. The City of Long Beach reserves the right to require complete certified copies of all said policies at any time. Any modification or waiver of the insurance requirements herein shall be made only with the approval of the City’s Risk Manager. The procuring of insurance shall not be construed as a limitation on liability or as full performance of the indemnification provisions of this Contract.

To the extent more stringent insurance requirements apply in accordance with the City of Long Beach’s Administrative Regulation 8-27 (AR 8-27) and its amendments, the currently in-force AR 8-27 regulations and requirements supersede and replace any insurance requirements stated herein.

INDEMNITY: To the extent allowed by law, Contractor shall defend, indemnify, and hold harmless the City, its Commissions and Boards, and their officials, employees, and agents from and against any and all demands, claims, causes of action, liability, loss, liens, damage, costs, and expenses (including attorney’s fees) arising from or in any way connected or alleged to be connected with Contractor’s performance of the performance under the Contract or the work under or related to the Contract and from any act or omission, willful misconduct, or negligence (active or passive) by or alleged to be by Contractor, its employees, agents, or subcontractors either as a sole or contributory cause, sustained by any person or entity (including employees or representatives of City or Contractor). The foregoing shall not apply to claims or causes of action caused by the sole negligence or willful misconduct of the City, its Commissions and Boards, or their officials, employees, or agents.

In addition to Contractor’s duty to indemnify, Contractor shall have a separate and wholly independent duty to defend Indemnified Parties at Contractor’s expense by legal counsel approved by City, from and against all Claims, and shall continue this defense until the Claims are resolved, whether by settlement, judgment or otherwise. No finding or judgment of negligence, fault, breach, or the like on the part of Contractor shall be required for the duty to defend to arise. City shall notify Contractor of any Claim, shall tender the defense of the Claim to Contractor, and shall assist Contractor, as may be reasonably requested, in the defense.

If a court of competent jurisdiction determines that a Claim was caused by the sole negligence or willful misconduct of Indemnified Parties, Contractor’s costs of defense and indemnity shall be (1) reimbursed in full if the court determines sole negligence by the Indemnified Parties, or (2) reduced by the percentage of willful misconduct attributed by the court to the Indemnified Parties. The provisions of this Section shall survive the expiration or termination of this contract.

CONTRACT – GENERAL CONDITIONS

THE FOLLOWING ADDITIONAL CONDITIONS APPLY ONLY IN CASES WHERE CONTRACTOR IS TO PERFORM WORK FOR THE CITY OR ON CITY PROPERTY:

Before execution of a Contract, the bidder shall file two surety bonds with the City of Long Beach subject to the approval of the City Engineer and City Attorney. The bonds shall be on forms provided by the City or acceptable to the City Attorney. The Payment Bond (Material and Labor Bond) shall satisfy claims of material suppliers and mechanics and laborers employed by the contractor on the Work. This bond shall be maintained by the contractor in full force and effect until the work is accepted by the City of Long Beach and until all claims for materials and labor are paid, and shall otherwise comply with the Civil Code. The Performance Bond shall guarantee faithful performance of all work within the time and manner prescribed, free from original or developed defects. This bond shall remain in effect as prescribed within the Contract, until the end of all warranty periods.

If at any time during the progress of the Work, Contractor shall allow any indebtedness to accrue for labor, equipment or materials, or which may become a claim against the City, Contractor shall immediately upon request from the City pay such claim or indebtedness or cause such lien to be dissolved and discharged by giving a bond or otherwise and, in case of his failure so to do, the City may withhold any money due Contractor until such claim or indebtedness is paid or may apply such money toward the discharge thereof; or in such event the City may, at its option, declare this Contract to be terminated, take possession and control of the Work, and complete the same or cause the same to be completed according to the specifications. Contractor shall pay to the City the difference between the Contract price and the actual cost to the City in completing or causing the Work to be completed.

Contractor shall carry on the Work at its own risk until the same is fully completed and accepted and shall, in case of any accident, destruction or injury to the Work or materials before its final completion and acceptance, repair or replace the Work or materials so injured, damaged and destroyed, at his own expense and to the satisfaction of the City. When materials and equipment are furnished by others for installation or erection by Contractor, Contractor shall receive, unload, store and handle same at the Site and become responsible therefore as though such materials and equipment were being furnished by Contractor under the Contract.

Contractor shall list the name and location of the place of business of each Subcontractor who will perform work, labor or services for Contractor, or who specially fabricates and installs a portion of the Work or improvement in an amount in excess of one-half of one percent of Contractor's total contract cost. The Subcontractor list shall be submitted with Contractor's Bid.

PROJECT OVERVIEW

The City of Long Beach, Department of Parks, Recreation, and Marine, is seeking a vendor(s) to provide parts and supplies for an irrigation system upgrade and/or to install the system in accordance with department needs and fund availability.

BID TIMELINE – All times are Pacific Time

Bid release date: 10/19/18
Non-Mandatory Prebid Meeting (Dial In) 10/30/18 at 10:00 AM
Questions due: 11/01/18 by 11:00 AM
Response from City to bidder: 11/15/18 by 11:00 AM
Bid due date: 12/04/18 by 11:00 AM

BID SUBMISSION INSTRUCTIONS:

It is recommended that bidders visit the City’s website www.longbeach.gov/purchasing on a regular basis for any addenda to the bid.

The following documents shall be submitted as general attachments. Bidders that do not include these items will be deemed non-responsive and their bids will be rejected.

- _____ Signed Bid Cover Page (must be submitted with original, wet signatures to City Hall; all other Attachments should be submitted online)
- _____ California All Purpose Acknowledgment, Notarized (submitted with cover page, if applicable)
- _____ Attachment A - Debarment Certification Form (signed and dated)
- _____ Attachment B - Reference List completed
- _____ Attachment C - W-9 Form (signed and dated)
- _____ Attachment D - Equal Benefits Ordinance (EBO) (completed, signed, and dated)
- _____ Attachment E – Insurance (signed and dated)
- _____ Attachment F - Secretary of State Certification Print-Out (Contractors must be registered with the California Secretary of State prior to contract execution. Submission of Attachment F with the proposal is not mandatory; however, if the Contractor has already filed, it may be uploaded as a general attachment.)
- _____ Attachment G – Project Labor Agreement (PLA)
- _____ Attachment H – Small Business Enterprise Program (SBE) – 12.2% Goal
- _____ Copy of C-27 License
- _____ Addenda – All Addenda must be signed and dated (if any are issued)

METHOD OF SUBMISSION:

Electronic Bids shall be submitted via the City’s secure online bidding system. All required sections of the Bid must be submitted via the website. Bidder is solely responsible for “on time” submission of their electronic bid. The Bid Management System will not accept late bids and no exceptions shall be made. Bidders will receive an e-bid confirmation number with a time stamp from the Bid Management System indicating that their bid was submitted successfully. The City will only receive those bids that were transmitted successfully.

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When bids on certain items are labeled "optional", bidders shall indicate "no bid" or "N/A" in the space provided for an item for which no bid is being offered.

Bid cover page shall be signed in ink and included with the electronic bid submission as a general attachment. Digital and stamped signatures shall not be accepted.

Pricing shall be submitted electronically on the Line Items tab and all pages of the bid document shall be uploaded as a general attachment.

Submit bid online at: <http://www.planetbids.com/portal/portal.cfm?CompanyID=15810>

In addition to the electronic submission, bidders shall submit the following original document(s) with wet signature(s) in a sealed envelope to the address shown below:

1. Original bid cover page
2. A notarized California All-Purpose Acknowledgement Form (for all companies located outside the State of California)

City of Long Beach
C/O City Clerk
Attn: Tommy Ryan
333 West Ocean Boulevard, Plaza Level
Long Beach, CA 90802

Documents shall be clearly labeled in a sealed envelope or box as follows:

ITB PR18-153 IRRIGATION CONTROLLER UPGRADES

Electronic Bids and required hard copy forms must be received by 11:00 AM Pacific Time, 12/04/18. Bids and required hard copy forms that do not arrive by the specified date and time WILL NOT BE ACCEPTED. Bidders may submit their bid any time prior to the above stated deadline.

Note: E-Bids are sealed and cannot be viewed by the City until the closing date and time. If you need to withdraw your bid, you may do so any time before the bid deadline, by going back into the system and selecting "withdraw".

All questions must be submitted in writing and emailed to purchasingbids@longbeach.gov ATTN: Tommy Ryan with the bid number in the subject line of the email message. Questions are due in writing by 11/01/18, 11:00 AM.

Non-Mandatory Pre-Proposal Meeting (Teleconference):

A non-mandatory pre-proposal meeting via teleconference shall be held on 10/30/18 10:00 AM for the purpose of providing information on the Small Business Enterprise (SBE) requirement of the ITB. **No technical questions regarding the project will be answered during the meeting.** Only questions pertaining to the SBE requirements of the ITB will be answered during the meeting. All other questions must be submitted in writing to purchasingbids@longbeach.gov.

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Contractors wishing to attend the meeting can do so by using a dial-in number that will be provided via Addendum 1 at a future date.

Phone Number: Please see Addendum 1

Passcode: Please see Addendum 1

REFERENCES

Bidder shall furnish a list of five (5) current customers, including company name, street address, telephone number and contact person, for whom Bidder has provided similar items and quantities. The City intends to contact these customers to determine product reliability, performance and other information. Failure to include customer's references will result in rejection of bids. See Reference Information form attachment.

AWARD

The City prefers to award to a single contractor but reserves the right to award contracts to multiple vendors. The City reserves the right in its sole discretion to award all items to one bidder, or to award separate items or groups of items to various bidders, or to increase or decrease the quantities of any item. The City reserves the right to reject at any time any or all bids.

RIGHT TO REJECT BID

The City reserves the right, in its discretion, to reject any and all Bids and, to the extent not prohibited by law, to waive any minor irregularity or informality in any Bid that does not affect the validity of the Bid or does not give the bidder a competitive advantage over other bidders.

BID PROTEST PROCEDURES

Who May Protest

Only a bidder who has actually submitted a bid proposal is eligible to protest a bid. The City will not accept or entertain bid protests from manufacturers, vendors, suppliers, subcontractors or the like. A bidder may not rely on the bid protest submitted by another bidder, but must timely pursue its own protest.

Time for Protest

A bidder desiring to protest a bid shall file the protest within five (5) business days of the electronic notification of intent to award. The City Purchasing Agent must receive the protest by the close of the business on the fifth (5th) business day following posting of notification of intent to award the contract.

Form of Protest

The protest must be in writing and signed by the individual who signed the bid or, if the bidder is a corporation, by an officer of the corporation, and addressed to the City Purchasing Agent. A protest shall not be made by e-mail or fax and the City will not accept such. A protest must set forth a complete and detailed statement of the grounds for the protest and include all relevant information to support the grounds stated, must refer to the specific portion(s) of the contract documents upon which the protest is based, and shall include a valid e-mail address, street address, and phone number sufficient to ensure the City's response will be received.

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Once the protest is received by the City Purchasing Agent, the City will not accept additional information on the protest unless the City itself requests it. In that case, the additional information must be submitted within three (3) business days after the request is made and must be received by the City Purchasing Agent by the close of the business on the third (3rd) business day.

The City Purchasing Agent or designee will respond, by e-mail or regular mail to the addresses provided in the protest, with a decision regarding the protest within five (5) business days following receipt of the protest or, if applicable, the receipt of requested additional information.

The decision of the City Purchasing Agent shall be final and conclusive.

The procedure and time limits set forth herein are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. The bidder's failure to comply with these procedures shall constitute a waiver of any right to further pursue a bid protest, including filing a Government Code Claim or initiation of legal proceedings.

BOND PROVISIONS

Labor and Materials Bond

The successful bidder shall submit a Labor and Materials Bond for 100 percent of cost of bid if the total bid amount is more than \$25,000. Successful bidder shall only be required to submit bond if award is made and notice given by the City. The bond will be issued to the City of Long Beach, Purchasing Division, Long Beach City Hall, 333 West Ocean Blvd., 7th Floor, Long Beach, California 90802 and shall be submitted within ten (10) calendar days after notice of award. The Bond shall be submitted upon forms included herein or secured at the Office of the City Purchasing Agent (address above). The successful bidder shall use only the bond form supplied by the City.

Faithful Performance Bond

The successful bidder shall submit a Faithful Performance Bond for 100 percentage of cost of bid. Successful bidder shall only be required to submit bond if award is made and notice is given from the City. The cost of the bond shall be included in the bid, and in the successful bidder's invoice. The bond will be issued to the City Long Beach, Purchasing Division, Long Beach City Hall, 333 West Ocean Blvd., 7th Floor, Long Beach, California 90802 and shall be submitted within ten (10) calendar days after notice of award. The Bond shall be submitted upon forms included herein or secured at the Office of the City Purchasing Agent (address above). The successful bidder shall use only the bond form supplied by the City.

Bond Instructions

A corporation must have the bond executed by two (2) authorized officers. If the bond is executed by only one (1) authorized officer or a person not listed in section 313 of the California Corporations Code, then the corporation must attach a certified copy of a resolution of its Board of Directors authorizing execution by said individual(s).

Notarial Acknowledgments Required with Bonds

Signatures of all principals and sureties shall be accompanied by the appropriate Notarial Acknowledgments. A Notarial Acknowledgment shall accompany each signature of each Principal and a Notarial Acknowledgment shall accompany the signature of the Surety. All bonds require the signatures of all principals and sureties, accompanied by the appropriate Notarial Acknowledgments, whether the company is located inside or outside the State of California.

EQUAL BENEFITS ORDINANCE

The City of Long Beach's Equal Benefits Ordinance (EBO) shall apply to this bid. Please visit the City's website at http://www.longbeach.gov/finance/business_relations/default.asp for additional details, or to obtain a copy of the ordinance. EBO is applicable for contracts over \$100,000. See **Attachment D**.

PROJECT LABOR AGREEMENT (PLA)

This Work is covered by a Citywide Project Labor Agreement (PLA) entered into by the City of Long Beach with the Los Angeles/Orange Counties Building and Construction Trades Council and the signatory Craft Unions. The PLA establishes the labor relations Policies and Procedures for the City, the Contractor and subcontractors awarded contracts for the Work and for the craft persons employed by the Contractor or subcontractor while engaged in the Work.

The goal of the PLA is to provide that the Work bring full employment and economic benefit to the City and its residents. With the PLA, the parties have established a framework for fair wages, hours and working conditions through which these goals may be achieved, and which will permit the utilization of the most modern, efficient and effective procedures for construction, assure a sufficient supply of skilled craft persons, and reduce or eliminate the causes of disruptions or interference with the Work.

The PLA contains a local hiring goal of 40%, calculated based on total hours worked. The local hire provision requires best efforts to utilize qualified workers residing in first tier zip codes (which include all of the City of Long Beach), then in second tier zip codes (which reflect the Gateway Cities), and finally in Los Angeles and Orange Counties. The City of Long Beach will utilize and contract with a PLA Administrator who will work with the contractors, residents, Long Beach City College, Pacific Gateway, and the Trades to oversee the provisions of the Agreement. Additionally, for projects over \$10 million, the general contractor will be required to hire a Jobs Coordinator to provide additional outreach efforts connecting Long Beach residents to job opportunities.

This Work will provide many opportunities for local residents and local small business enterprises to participate. It is the City's policy that contractors will cooperate with all efforts of the City, the PLA Administrator, the Jobs Coordinator (if applicable), and other organizations retained by the City to encourage and assist in the participation of local residents and local small businesses in the Work.

Contractor will be required to sign a Letter of Assent to acknowledge and agree to comply with all provisions of the PLA.

ADDITIONAL REQUIREMENTS FROM FUNDING SOURCE

Any Contract arising from this procurement process may be funded in whole or in part by various granting agencies. Pursuant to said grants, the Awarded Vendor is required to comply with (and to incorporate into its agreements with any sub-vendors) the following provisions in the performance of the Contract, as applicable.

ORDER OF PRECEDENCE

In the event of conflicts or discrepancies between these grant funding provisions and any other Contract document, the Federal grant provisions shall take precedence.

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ACCESS TO CONTRACTOR'S RECORDS

The Awarded Vendor shall provide the City, the Office of State and Local Government Coordination and Preparedness, the Comptroller General of the United States, or any of their authorized representatives, access to any books, documents, papers, and records of the Awarded vendor which are directly pertinent to the work performed under the Contract for the purposes of making audit, examination, excerpts or transcriptions.

AMERICANS WITH DISABILITIES ACT

The Awarded Vendor hereby certifies that it will comply, as applicable, with the Americans with Disabilities Act of 1990 ("ADA"), 42 USC §§ 12101 et seq., and its implementing regulations, including Subtitle A, Title II of the ADA. The Awarded Vendor will provide, as applicable, reasonable accommodations to allow qualified individuals with disabilities to have access to and to participate in its programs, services and activities in accordance with the provisions of the ADA. The Awarded Vendor will not discriminate against persons with disabilities or against persons due to their relationship to or association with a person with a disability. Any contract entered into by the Awarded Vendor (or any subcontract thereof), relating to this Agreement, shall be subject to the provisions of this paragraph.

COMPLIANCE WITH CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The Awarded Vendor shall comply with the requirements of §§ 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C §§ 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5).

COMPLIANCE WITH COPELAND "ANTI-KICKBACK" ACT

The Awarded Vendor shall comply with the requirements of the Copeland "Anti-Kickback" Act (18 U.S.C. § 874) as supplemented in the Department of Labor regulations (29 CFR Part 3).

COMPLIANCE WITH DAVIS-BACON ACT

The Awarded Vendor shall comply with the requirements of the Davis-Bacon Act (40 U.S.C. §§ 276 to 276-a7) as supplemented by Department of Labor regulations (29 CFR Part 5) where applicable and shall provide the City with all applicable payroll records on a weekly basis.

COPYRIGHT

The Awarded Vendor acknowledges the existence of requirements and regulations of the awarding Federal agency relating to copyrights and right in data, including, but not limited to those set forth in 44 CFR Part 13.34 which states: "The Federal awarding agency reserves royalty-free, nonexclusive, and irrevocable license to reproduce, publish or otherwise use, and to authorize others to use, for Federal Government purposes: (a) The copyright in any work developed under a grant, subgrant, or contract under a grant or subgrant; and (b) Any rights of copyright to which a grantee, subgrantee or a contractor purchases ownership with grant support." The Awarded Vendor shall comply with 25 CFR 85.34

DRUG-FREE WORKPLACE

The Awarded Vendor hereby certifies that it shall provide or shall continue to provide a drug-free workplace as required by the Drug-Free Workplace Act of 1988 (41 U.S.C. § 701), and implemented at 44 CFR Part 17.

ENERGY EFFICIENCY

The Awarded Vendor shall comply with all mandatory standards and policies relating to energy efficiency that are contained in the State of California's energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L.94-163, 89 Stat. 871).

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ENVIRONMENTAL LEGISLATION

The Awarded Vendor shall comply with all applicable standards, orders or requirements issued under § 306 of the Clean Air Act (42 U.S.C. 1857 (h)), § 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15).

MINORITY, WOMEN, AND OTHER BUSINESS ENTERPRISE OUTREACH

In accordance with CalOES/Grantor directives, as applicable, firms who represent small business enterprises (SBEs), minority business enterprises (MBEs) and women business enterprises (WBEs) are encouraged to participate in competition for this opportunity. Any such enterprise shall include the appropriate SBE/MBE/WBE certification along with its proposal. The Awarded Vendor agrees that, to the extent contractors or subcontractors are utilized, the Awarded Vendors shall use small, minority, women-owned, or disadvantaged business concerns and contractors or subcontractors to the extent practicable and shall take the affirmative steps as set forth in 44 CFR §13.36(e).

NATIONAL PRESERVATION ACTS

The Awarded Vendor shall assist City (if necessary) in assuring compliance with § 106 of the National Historic Preservation Act of 1966 (16 U.S.C. § 470), Executive Order 11593 (identification and protection of historic properties), the Archeological and Historical Preservation Act of 1974 (16 U.S.C. § 469 a-1 et seq.), and the National Environmental Policy Act of 1969 (42 U.S.C. § 4321)

NONDISCRIMINATION; EQUAL EMPLOYMENT OPPORTUNITY

The Awarded Vendor hereby assures the City that in performing its obligations pursuant to the Contract, it will comply with all applicable nondiscrimination requirements as set forth in 44 CFR Part 13.36. In addition, the Awarded Vendor shall comply with Executive Order 11246 of September 24, 1965, entitled "Equal Opportunity Employment," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60), and where applicable to the nondiscrimination provisions of the Omnibus Crime Control and Safe Street Acts of 1968 (42 U.S.C. § 3789d), the Victims of Crimes Act (42 U.S.C. § 10604(e)), the Juvenile Justice and Delinquency Prevention Act (42 U.S.C. § 5672(b)), the Civil Rights Act of 1964 (42 U.S.C. § 2000d), the Rehabilitation Act of 1973 (29 U.S.C. § 794), the Americans with Disabilities Act of 1990 (42 U.S.C. §§ 12131-34), the Education Amendments of 1972 (20 U.S.C. §§ 1681, 1683, 1685-86), and the Age Discrimination Act of 1975 (42 U.S.C. §§ 6101-07), see Executive Order 13279 (equal protection of the laws for faith-based and community organizations). This provision must be incorporated by Awarded Vendor into any subcontract exceeding \$10,000.

PATENT RIGHTS

The Awarded Vendor acknowledges the existence of requirements and regulations of the awarding Federal agency relating to patent rights with respect to any discovery or invention which arises or is developed in the course or under this Contract, including, but not limited to those regulations and requirements set forth in 44 CFR Part 13.36. Any discovery or invention that arises during the course of this Contract shall be immediately reported to the Department's project management team. The awarding Federal agency shall determine how rights in the invention/discovery shall be allocated consistent with "Government Patent Policy" and 37 CFR Part 401.

PAYMENTS, REPORTS, RECORDS, RETENTION AND ENFORCEMENT

The Awarded Vendor acknowledges the requirements and regulations set forth in 44 CFR Parts 13.36 through 13.42 and 49 CFR Part 18 and agrees to cooperate with the City in order to allow the City to comply with said requirements. The Awarded Vendor shall retain all of its records relating to the project

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for a period of five (5) years after City makes final payment to the Awarded Vendor and all other pending matters are closed.

PUBLICATIONS

All publications created and/or published with funding under any contract arising from this RFP shall prominently contain the following statement: "This document was prepared under a grant from FEMA's Grant Programs Directorate, U.S. Department of Homeland Security. Points of view or opinions in this document are those of the author(s) and do not necessarily represent the official position or policies of FEMA's Grant Programs Directorate or the U.S. Department of Homeland Security."

RIGHTS TO DATA

The Grantor and the City shall have unlimited rights or copyright license to any data first produced or delivered under this Agreement. "Unlimited rights" means the right to use, disclose, reproduce, prepare derivative works, distribute copies to the public and perform and display publicly, or permit others to do so; as required by 48 CFR 27.401. Where the data are not first produced under this Contract or are published copyrighted data with the notice of 17 U.S.C § 401 or 402, the Grantor acquires the data under copyright license as set forth in 48 CFR 27.404(f) (2) instead of unlimited rights (4 CFR 27.404(a)).

RIGHTS TO USE INVENTIONS

City and all grantors and/or awarding Federal Agency shall have an unencumbered right, and a non-exclusive, irrevocable, royalty-free license, to use, manufacture, improve upon and all others to do so for all governmental purposes, any invention developed under the Contract.

SYSTEM FOR AWARD MANAGEMENT (SAM)

In accordance with Executive Orders 12549 and 12689 concerning suspension and debarment, contracts must prohibit contractors from awarding any subcontract to persons (individuals or organizations) listed as having an active exclusion of the Federal system for Awards Management Database (www.sam.gov).

CALIFORNIA WAGE RATE REQUIREMENTS: Pursuant to Division 2, Part 7, Chapter 1 of the Labor Code of the State of California, the Director of Public Works of the City by and on behalf of the City Council has obtained from the Director of the Department of Industrial Relations of the State of California the general prevailing rate of per diem wages, and the general prevailing rate of holiday and overtime work in the locality in which the public work is to be performed for each craft, classification or type of workers needed to perform the Work, in accordance with **prevailing wage determination 2018-2**. In accordance with the provisions of California Labor Code Sections 1771, 1774-1776, 1777.5, 1813 and 1815, the Contractor to whom the Contract is awarded, and its subcontractors, shall pay to all workers in the performance of the Work not less than the prevailing rate of wages needed to execute the contract, where such rates are not less than the above-referenced Federal Wage Decision. Copies of schedules of prevailing wage rates may be obtained on the California Department of Industrial Relations website <http://www.dir.ca.gov/dlsr>. Bidders are directed to Section 7-2, "Labor," of the Standard Specifications, and to Division H, Subsection 7-2.2, "Prevailing Wages," for requirements concerning payment of prevailing wages, payroll records, and hours of labor. [California Labor Code Section 1773.2] [LBMC 2.87.120]

DEPARTMENT OF INDUSTRIAL RELATIONS (DIR) COMPLIANCE: This project is a public work and subject to the following: No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code

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section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Contractors are further cautioned that certified payrolls shall be submitted electronically directly to the Department of Industrial Relations.

REGISTRATION WITH CALIFORNIA SECRETARY OF STATE WEBSITE

Awarded vendors/contractors must be registered with the California Secretary of State prior to contract execution. For more information, please consult: <http://www.sos.ca.gov>

See **Attachment F**. Please include a printout of your business entity from the website.

INSURANCE

See Requirements on page 9, Section 30 and **Attachment E**.

CONTRACT PERIOD

The Contract term shall be twenty-four (24) months from the date of award unless the City determines, in its sole discretion, that a later commencement date is necessary, in which case the City will notify the Bidder of such date upon award of the Contract. This Contract may be extended by mutual agreement for up to three (3) additional periods of one (1) year each in accordance with terms and conditions stated herein.

EXTENSION OPTION:

This Contract is subject to extension for three (3) additional one (1) year periods from the date of expiration of this Contract, at the option of the City in accordance with the option granted in your bid.

Price changes after the base period shall be negotiated, but shall not exceed the most recent available month for the Los Angeles-Long Beach-Anaheim, CA Consumer Price Index (CPI) for All Urban Consumers.

No price increases will be allowed during the first twenty-four month contract period.

FUTURE AMENDMENTS

The City reserves the right to change any portion of the work required, to add and/or delete items, or amend such other terms and conditions that may become necessary. Any such revisions shall be accomplished by written amendment to the contract and executed by the Contractor and the City.

DELIVERY REQUIREMENT

Parts and supplies shall be delivered to locations within the City of Long Beach between the hours of 8:00 am and 2:00 pm, Monday through Friday, **FOB Destination** City of Long Beach. Delivery locations and City contacts will be specified in each purchase order. Delivery shall be as needed to coincide with the installation schedule at the discretion of the City.

Deliveries shall be made within two (2) working days after receipt of order for regular stocked items. For special order items, delivery shall be made within 7-10 business days.

The location(s) are subject to change throughout the contract.

INVOICING

Each invoice shall contain:

1. Purchase Order Number
2. Items purchased, including manufacturer's number
3. Any applicable discounts, prices and sales tax
4. Net payment information (i.e. Net30)
5. Name of person filling the order

Any invoices submitted that do not contain information required by the City will be rejected until resubmission of documents has been completed according to these standards. **No payments will be made on a statement balance.**

APPROVED EQUALS / ALTERNATE BRANDS

The Contractor may offer any material or process which shall be equal in every respect to that so indicated or specified. If bidder desires to bid an "approved equal" item, the bidder shall submit a request to do so to the City in writing by 10/25/18 11:00 AM. The request shall include all data necessary to substantiate that the item is equal. The City will notify the bidder, in writing, of approval or disapproval of the equivalent item by 11/06/18 11:00 AM. Approved equal documentation must be e-mailed to Purchasingbids@longbeach.gov. The Contractor shall ship a sample of the approved equal at the City's request at no cost to the City.

BIDDING QUALIFICATIONS AND FACILITIES

Contractor must have a valid and current C-27 landscaping contractor license.
COPY OF C-27 LICENSE MUST BE SUBMITTED WITH BID.

MISCELLANEOUS ITEMS

City employees shall be authorized to purchase miscellaneous items not listed herein up to a maximum of \$25,000.00 per order.

Please specify percentage discount the City will receive from items not separately listed below:

N/A % discount will be allowed from vendor's price list dated N/A.

WARRANTY

WARRANTY: N/A (specify days/months/years)
(If other than the manufacturer's standard warranty).

Contractor shall replace any and all unacceptable orders as defined by the City within 48 hours. In the case that a defective item is supplied, bidder shall provide full replacement at **no cost** to the City.

Items that have been received by the City that cannot be used, have not been used and/or are not damaged shall be accepted for return by the Contractor with no restocking fee.

PAYMENT TERMS

Net 30 ; N/A % discount in N/A days.

VENDOR CONTACT INFORMATION

Name of a person that will be the City's contact for order placement, order problems or special needs, etc. (must have a person's name).

Contact Name: Joe Pulliam

Contact Direct Phone: 818-963-1776

Contact Fax: 818-999-2056

Contact E-mail: Jpulliam@americanlandscape.com

VENDOR'S EMPLOYEES

Specify the number of current full-time employees residing in Long Beach 4

SPECIFICATIONS

The project consists of the following work:

Provide parts and supplies and/or install new and upgraded Calsense irrigation controllers, components, and enclosures as specified. The scope overview includes removing all existing equipment and installing new controllers, antennas, flow meters, antenna cable, new conduit, wire and trenching, master valves and programming the system to match the existing program. The detailed scope of work at each controller location is specified below. All materials not specified on city supplied parts list and labor shall be furnished by the Contractor.

General Notes

- Contractor shall perform an ohm reading test, and document the results for submitting, on each controller station wire prior to starting work. Contractor shall submit all ohm reading documents weekly.
- Contractor shall remove all unnecessary equipment and dispose of properly.
- Contractor shall clean up, cover and make electrically sound, to code, existing electrical boxes and wiring.
- All wiring must be properly labeled.
- All new, below ground, wire must be in conduit.
- New communication cable is to be direct pull, installed in conduit. Splices are not allowed.
- For hardwire communication cable, Contractor shall provide Paige P7171-D communication cable installed in conduit.
- All conventional wire runs and connections between the controllers, components, and devices shall be direct pull with no splices. If wire splices are unavoidable, splices shall be made with "Spears" brand, DRI-SPLICE, DS-100 or DS-150 components, including crimp sleeve. DRI-SPLICE DS-300 Sealant is also required. Pre-filled connectors, of any brand, are not acceptable. Splices shall be installed in a valve box or existing enclosure for easy accessibility. Industry standards for irrigation wire color coding shall also be used. Note: All splices inside enclosures are to use the same Spears components as noted above."
- All two-wire connection shall use the 3M Scotch Cast 3570 G epoxy packs. All two-wire brands shall be to manufacturer's specifications.
- Contractor to provide above noted concrete pads and sweeps where necessary.
- Contractor shall provide all startup, testing, verification, and training in coordination with manufacturer and City representative.
- Install all products per manufacturer's specifications.
- Contractor shall re-connect all existing wires as needed including, but not limited to, station wires, master valves, flow meters, and pumps.
- Contractor shall provide programming of the system to match the existing program. This includes setting the start time, setting the days of the week, and setting the total and cycle time. Testing and verification of the program, at the time of programming, is required. City representative to be present during testing.
- In situations where new sweeps are required adjacent to an existing pedestal, it is acceptable to sweep up near the outside of the pedestal and enter the pedestal from the side.
- Contractor shall be responsible for directing pedestrian and vehicular traffic safely around the construction zone. Utilization of temporary fencing, barricades, signage, etc. shall be the responsibility of the Contractor. Safe detours shall be available to the general public at all

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times during the course of construction. It is the responsibility of the Contractor to adhere to Cal Trans standards.

- Contractor shall be responsible for any damage to existing improvements and shall repair or replace these improvements to the satisfaction of the City. The damage shall be made known to the City representative at the time of the incident.
- Prior to submitting a bid, Contractor shall carefully examine the location of the work and all Contract Documents. Contractor's price shall include costs to furnish all miscellaneous materials not supplied by the City and perform all work required to complete the required scope in accordance with the Contract documents.
- Contractor shall install new 8' x 5/8" copper clad ground rod with Number 6 solid copper wire and clamp per manufacturer's specifications as needed. Contractor shall place in box 6" gravel box stamped with GR.
- Contractor shall install New 120 VAC on-off switch and GFI outlet in all enclosures as needed.
- All Master valves shall be Griswold Epoxy coated series 2000 for normally closed and Series 2160 for normally open, unless otherwise noted.
- Contractor to supply all valve boxes for new master valves, flow meters, pull boxes and splices, per City specifications.
- Contractor shall pressure test, for four (4) hours, all newly installed irrigation lines and enlist an inspection by a City representative prior to closing the excavation.
- Installations of the controllers shall proceed at no less than five (5), but less than ten (10), controllers per week.
- Contractor shall test all existing and new Master Valves and Flow Meters for functionality and document. Document to be submitted weekly. Existing repair of any valve or meter not passing the test is outside of this scope of work.
- Calsense certification is required for each site to be considered complete. The Calsense field service representative shall be contacted by the contractor to process.
- A schedule of work, by month, is to be emailed to the City representative, by the Contractor, at the start of each month. This is to facilitate the processing of the rebate program.
- Any work not covered above shall be performed within the green book standards of irrigation and public works.

Individual Park Specifications – Each underlined, numbered header represents a meter

1. 14th Street Park East

- Install new controller and components in existing enclosure.
- Install antenna **inside** enclosure on controller box.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

2. 14th Street Park West

- Install new controller and components in existing enclosure.
- Install antenna **inside** enclosure on controller box.
- Trench from enclosure to backflow.
- Install new flow meter.

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- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

3. Bixby Knolls

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2000 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #1 to two wire option.
- Install station decoder to run valve #1.
- Trench from valve #1 to backflow.
- Install POC decoder.

4. Bixby Park

4.1. *Bixby Park Band Shell*

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
Install ground rod(s) for controller(s) and two wire components as required.

4.1 *Bixby Park Community Center*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
Install ground rod(s) for controller(s) and two wire components as required

4.2 *Bixby Park North*

- Remove existing controller from wall.
- Install new controller with pre-mounted antenna on wall.
- Install ground rod(s) for controller(s) and two wire components as required.

4.3 *Bixby Park Old Restroom*

- Remove existing enclosure and dispose concrete pad.
- Install new repurposed enclosure from band shell and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

5 Bixby Park South

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.

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- Install new master valve 2000 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #11 to two wire option.
- Install station decoder to run valve #11.
- Trench from valve #11 to backflow.
- Install POC decoder.

6 Chavez Elementary School

- Remove existing enclosure and dispose concrete pad.
- Return enclosure and components to City
- Install new controller and concrete pad
- Install City Owned controller/enclosure assembly
- Upgrade per Calsense quote
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench from controller to backflow.

7 Cherry Park

- Install new flow meter.
- Install new master valve 2160 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench from existing 2-wire valve #T28 to backflow.
- Install POC decoder.

8 College Estates Park, Community Center

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2160 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.

9 Coolidge Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install 2 new master valves 2160 Series per City specification
- Install 2 flow meters
- Install ground rod(s) for controller(s) and two wire components as required.

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- Repurpose wires from valve #2 to two wire option.
- Install station decoder to run valve #2.
- Trench from valve #2 to ballfield backflow.
- Install POC decoder.
- Repurpose wires from valve #18 to two wire option.
- Install station decoder to run valve #18.
- Trench from valve #18 to tennis backflow.
- Install POC decoder.

10 DeForest Park, Parking Lot

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel double wide enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

11 Drake Park , Community Center

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

12 Drake Park Tennis Courts

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #5 to two wire option.
- Install station decoder to run valve #5.
- Trench from valve #5 to backflow.
- Install POC decoder.

13 El Dorado Park Area #2

13.1 *El Dorado Park Area # 2, Archery*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

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- Trench from enclosure to South POC, installing 2-wire in a conduit.
- Install new 8" Netafim Octave flow meter.
- Install new master valve 2160 Series per City specification
- Install new POC decoder.

13.2 El Dorado Park Area # 2, Campsite

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

13.3 El Dorado Park Area # 2, Ranger Station

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench and install communications mast per manufacturers specifications, location to be determined by city staff.

13.4 El Dorado Park Area # 2, Restroom #38

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Combine controller A, B & C, with controller C as the final stations.
- Trench and install communications mast per manufacturers specifications, location to be determined by city staff.

13.5 El Dorado Park Area # 2, Snake Road North

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Combine controller A, B & C, with controller C as the final stations.
- Drill hole and mount new antenna.
- Trench from enclosure to North POC, installing 2-wire in a conduit.
- Install new 8" Netafim Octave flow meter.
- Install new master valve 2160 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.

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- Install POC decoder.

13.6 *El Dorado Park Area # 2, Snake Road South*

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Combine controller A, B & C, with controller C as the final stations.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14 El Dorado Park Area #3

14.1 *El Dorado Park Area #3, Arbor Grove Parking Lot*

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.2 *El Dorado Park Area #3, Boat House*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.3 *El Dorado Park Area #3, Glider Field & Glider Field South Combined*

- Remove existing enclosures and concrete pads.
- Install a new strong box stainless steel enclosure and new concrete pad at Glider Field.
- Trench from Glider Field South to Glider Field, combining controllers into one and extend wiring as needed in a conduit, installing a pull box at South. Note: There will be no enclosure used at South.
- Install new controller and components.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench and install communications mast per manufacturers specifications, location to be determined by city staff.

14.4 *El Dorado Park Area #3, Glider Hill North*

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.

- Install ground rod(s) for controller(s) and two wire components as required.

14.5 El Dorado Park Area #3, Lake View Grove

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.6 El Dorado Park Area #3, Old Ranger Station

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.7 El Dorado Park Area #3, Overflow Parking by San Gabriel River

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench and install a new master valve and Octave flow meter to the South POC (closest), using conventional wiring in a conduit.
- Trench and install a new master valve and Octave flow meter to the North POC, using 2-wire in a conduit.

14.8 El Dorado Park Area #3, Shopping Center

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.9 El Dorado Park Area #3, Train Loop North

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

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14.10 El Dorado Park Area #3, Wardlow Entrance

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components, combining controllers as needed.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

14.11 El Dorado Park Area #3, World of Trees & Golden Grove Combined

- Remove existing enclosures and dispose concrete pad.
- Install a new strong box stainless steel enclosure and new concrete pad at Golden Grove.
- Trench from World of Trees to Golden Grove and extend wiring as needed in a conduit, combining all controllers, installing a pull box at World of Trees. There will be no enclosure used at World of Trees.
- Install new controller and components.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

15 Grace Park

- Install new controller and components in existing enclosure.
- Install antenna inside enclosure on controller box.
- Install new flow meter insert.
- Install ground rod(s) for controller(s) and two wire components as required.

16 Gumbiner Park

- Upgrade existing controller components per Calsense in existing enclosure.
- Drill hole and mount new antenna.

17 Heartwell Park Area #1

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

18 Heartwell Park Area #3

18.1 Heartwell Park Area 3 – Controller A/B combined

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire.

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- Combine controller A with controller B, with controller B as the final stations.

18.2 Heartwell Park Area 3 – Controller C/D combined

- Install new controller and components in existing enclosure.
- Install ground rod(s) for controller(s) and two wire.
- Combine controller C with controller D, with controller D as the final stations.
- Connect new Paige P7171-D communications cable to A/B & C/D controllers, in a conduit as needed.

19 Houghton Park

19.1 Houghton Park, Ballfield

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #7 to two wire option.
- Install station decoder to run valve #7.
- Trench from valve #7 to backflow.
- Install POC decoder.

19.2 Houghton Park, Facilities Center

- Install new controller with pre mounted antenna and components on wall.
- Install ground rod(s) for controller(s) and two wire components as required.

19.3 Houghton Park, Restroom

- Install new controller and components in existing B enclosure.
- Combine controller A with controller B, with controller B as the final stations.
- Remove A enclosure, dispose concrete pad and install pull box for existing wiring.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #B5 to two wire option.
- Install station decoder to run valve #B5.
- Trench from valve #B5 to backflow.
- Install POC decoder.

19.4 Houghton Park, Skate Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.

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- Install ground rod(s) for controller(s) and two wire components as required.

20 Jack Nichol Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from master valve to flow meter.
- Install new flow meter.
- Install ground rod(s) for controller(s) and two wire components as required.

21 Jackson Park East

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

22 Jackson Park , Pump Building

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

23 Los Altos Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

24 Los Cerritos Park

- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.

25 Marina Vista Park A/B Combined

- Remove existing enclosure and dispose concrete pad.
- Install new strong box SB36SS enclosure and new concrete pad.
- Install new controller and components in new enclosure.

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- Combine controller A with controller B, with controller B as the final stations.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

26 McBride Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

27 McBride Teen Center

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

28 MLK Park

28.1 *MLK Park Ball Field*

- Install new controller and components in existing enclosure.
- Trench and install communications mast per manufacturers specifications, location to be determined by City staff.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

28.2 *MLK Park Community Center*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

28.3 *MLK Park, Playground*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

28.4 *MLK Park , Pool*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Run wire and conduit to back flow, above ground at base of building, anchoring to building.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.

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- Install ground rod(s) for controller(s) and two wire components as required.

29 Multi Services Facilities Center

- Purchase and install Calsense data plan.

30 Pan American Park

30.1 *Pan American, Electrical Panel*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

30.2 *Pan American, Restroom, A/B Combined*

- Install new controller and components in existing enclosure.
- Drill holes and mount new antennas.
- Install ground rod(s) for controller(s) and two wire components as required.
- Combine controller A with controller B, with controller B as the final stations.

31 Promenade Square

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter insert.

32 Ramona Park

- Remove existing enclosure and dispose concrete pad.
- Install new strong box SB24SS enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #18 to two wire option.
- Install station decoder to run valve #18.
- Trench from valve #18 to backflow.
- Install POC decoder.

33 Recreation Park

33.1 *Recreation Park/Lawn Bowling Building*

- Remove existing controller from wall.
- Install new controller with pre-mounted antenna on wall.
- Install ground rod(s) for controller(s) and two wire components as required.

33.2 *Recreation Park, Joe Rogers Field/Restroom combined*

- Remove existing controller and enclosure from field controller location.
- Remove and dispose concrete pad.
- Repurpose enclosure to Tennis Center location (see 33.3).
- Trench to restroom controller.
- Install new controller.
- Extend and install wires from field controller enclosure into restroom controller enclosure, installing a new valve box as a pull box.
- Combine field controller with restroom controller, with restroom controller as the final station.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve Series 2260 per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Trench and install conduit to City-designated location on closest building eave per manufacturer's specifications.
- Measure cable length, install antenna cable and stick antenna.

33.3 *Recreation Park Tennis Center*

- Remove existing enclosure and concrete pad.
- Install City-owned enclosure from Joe Rodgers Field location (see 33.2) and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

34 Recreation Park NE Corner (Anaheim/ Park Ave)

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to City-designated point of connection on Park Ave, approximately 100'.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

35 Recreation Park

35.1 *Recreation Park, 7th & Dog Park Entry*

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.

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- Install new controller and components.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #1 to two wire option.
- Install station decoder to run valve #1.
- Trench from valve #1 to backflow.
- Install POC decoder.

35.2 *Recreation Park, Band Shell*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.3 *Recreation Park, Blair Field*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.4 *Recreation Park, Casting Pond*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.5 *Recreation Park, Center Picnic Bench*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Install new master valve 2160 Series per City specification.
- Repurpose wires from valve #17 to two wire option.
- Install station decoder to run valve #17.
- Trench from valve #17 to POC vault.
- Install POC decoder.
- Install new flow meter.

35.6 *Recreation Park, Dog Park A/B combined*

- Remove existing enclosures and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.
- Combine controller A with controller B, with controller B as the final stations.

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- Install ground rod(s) for controller(s) and two wire components as required.

35.7 Recreation Park, Dog Park Parking Lot

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.8 Recreation Park, Federation & Golf Course Tee Box

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.9 Recreation Park, Federation South of Casting Pond

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.10 Recreation Park, Park Avenue Restroom

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.11 Recreation Park, Playground East

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

35.12 Recreation Park, Playground West

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

36 Recreation Park, Woodland Area

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2260 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

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- Repurpose wires from valve #17 to two wire option.
- Install station decoder to run valve #17.
- Trench from valve #17 to backflow.
- Install POC decoder.

37 Rose Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

38 Rosie the Riveter Park

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #1 to two wire option.
- Install station decoder to run valve #1.
- Trench from valve #1 to backflow.
- Install POC decoder.
- Trench from 2 wire path and install 2 wire decoders (battery controllers new).

39 Rotary Centennial Park

- Remove existing enclosure and concrete pad.
- Install new existing City-owned controller and enclosure components from their inventory (Calsense serial # 43786) and new concrete pad.
- Upgrade said controller per Calsense parts list.
- Install new flow meter insert.

40 Scherer Park

40.1 *Scherer Park Cascades*

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.

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- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #1 to two wire option.
- Install station decoder to run valve #1.
- Trench from valve #1 to backflow.
- Install POC decoder.

40.2 Scherer Park Dog Park

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

40.3 Scherer Park Duck Pond

- Install new controller and components in existing enclosure.
- Trench and install communications mast per manufacturers specifications, location to be determined by City staff.
- Install ground rod(s) for controller(s) and two wire components as required.
- Measure cable length, install antenna cable and stick antenna.

40.4 Scherer Park Police

- Remove existing enclosure and dispose concrete pad.
- Install new enclosure from city stock and new concrete pad.
- Upgrade per city required parts.
- Return CS3-GR & GR-STUBBY to City.
- Install ground rod(s) for controller(s) and two wire components as required.

40.5 Scherer Park Tennis

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

41 Seaside Park

- Install new flow meter insert.

42 Silverado Park

42.1 *Silverado Park, 32nd & Baltic*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Connect to existing wiring.
- Trench from enclosure to backflow.

42.2 *Silverado Park, Community Center*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

42.3 *Silverado Park, Pool*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

43 Somerset Park

- Install new controller and components in existing B enclosure.
- Combine controller A with controller B, with controller B as the final stations.
- Remove A enclosure, dispose concrete pad and install pull box for existing wiring.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #B1 to two wire option.
- Install station decoder to run valve #B1.
- Trench from valve #B1 to backflow.
- Install POC decoder.

44 Stearns Park

44.1 *Stearns Park, Fire Department*

- Remove existing enclosure and concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.

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- Install ground rod(s) for controller(s) and two wire components as required.

44.2 Stearns Park, Snack Shack/Little League Combined

- Remove existing enclosure at Snack Shack.
- Install new strong box stainless steel enclosure.
- Install new controller and components.
- Repurpose wires from valve #21 to two wire option.
- Install station decoder to run valve #21.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.
- Remove existing enclosure and concrete pad at Little League and return to City. Install a pull box for existing wires and new 2-wire cable.
- Trench from Snack Shack valve #21 to Little League controller and install 2-wire in a conduit.
- Install 2-wire decoders to run (3) little league valves.

44.3 Stearns Park, Transformer Cage

- Remove existing enclosure and dispose concrete pad.
- Install new strong box stainless steel enclosure and new concrete pad.
- Install new controller and components.
- Drill hole and mount new antenna.
- Trench and install communications mast per manufacturers specifications, location to be determined by City staff.
- Install new flow meter.
- Install new master valve 2160 Series per City specification
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #4 to two wire option.
- Install station decoder to run valve #4.
- Trench from valve #4 to backflow.
- Install POC decoder.

45 Tanaka Park

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Trench from enclosure to backflow.
- Install new flow meter.
- Install new master valve 2000 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.

46 Veterans Park

46.1 Veterans Park Community Center

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- Remove existing enclosure and dispose concrete pad.
- Install new strong box SB24SS enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #4/#20 to two wire option.
- Install station decoder to run valve #4/#20.
- Trench from valve #4/#20 to backflow.
- Install POC decoder.

46.2 Veterans Park Playground

- Remove existing enclosure and concrete pad.
- Install new strong box SB24SS enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

46.3 Veterans Park, Tennis Court

- Remove existing enclosure and dispose concrete pad.
- Install new strong box SB24SS enclosure and new concrete pad.
- Install new controller and components in new enclosure.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2160 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #1 to two wire option.
- Install station decoder to run valve #1.
- Trench from valve #1 to backflow on island.
- Install POC decoder.

47 Wardlow Park

47.1 Wardlow Park Playground

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

47.2 Wardlow Park Tennis Court

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.

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- Install ground rod(s) for controller(s) and two wire components as required.

48 Whaley Park North, and Atherton Medians combined

- Remove existing enclosure and one of the concrete pads for park area.
- Reroute the irrigation wires from park area enclosure to the existing Calsense SS enclosure for the medians, or move the SSE enclosure to existing pad at old enclosure.
- Upgrade existing Calsense components in Median enclosure per Calsense parts list.
- Drill hole and mount new antenna.
- Install new flow meter.
- Install new master valve 2260 Series per City specification.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #4 to two wire option.
- Install station decoder to run valve #4.
- Trench from valve #4 to backflow.
- Install POC decoder.

49 Whaley Park South Community Center

- Install new controller and components in existing enclosure.
- Drill holes and mount new antennas.
- Install new flow meter.
- Install new Netafim electronic register (ER Series) hydrometer per City specification and appropriate flanges and spools.
- Install ground rod(s) for controller(s) and two wire components as required.
- Repurpose wires from valve #2 to two wire option.
- Install station decoder to run valve #2.
- Trench from valve #2 to backflow.
- Install POC decoder.

49.2 *Whaley Park South Restroom*

- Install new controller and components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

49.3 *Whaley Park South Tennis Court*

- Install new components in existing enclosure.
- Drill hole and mount new antenna.
- Install ground rod(s) for controller(s) and two wire components as required.

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
1	14th Street park East	2000 Series MV	2	1	None	None
2	14th Street park West	2000 Series MV	2	1	None	None
3	Bixby Knolls Park	2000 series	3	1	No	None
4	Bixby Park Band Shell	None	none	none	yes (SB-36SS)	None
	Bixby Park Community Center	none	none	none	No	None
	Bixby Park North	none	none	none	No	None
	Bixby Park Old Restroom	none	none	none	yes (repurpose band shell enclosure)	None
5	Bixby Park South	2000 Series	4	1	no	None
6	Chavez Elementary	2000 Series MV	2	1	None	None
7	Cherry Park	2160 Series	3	1	No	None
8	College Estates Park Community Center	2160 Series	2	1	yes (SB-36SS)	None
9	Coolidge Park	2160 Series MV	2	2	None	None
10	Deforest Park -Parking lot	No	None	None	SB-36SS	None
11	Drake Park, Community Center	2000 Series MV	3	1	None	None
12	Drake Park, Tennis Courts	2000 Series MV	2	1	None	None
13	El Dorado area #2 Archery	none	8	1	no	8" Netafim Octave w/ITS RAB
	El Dorado area #2 Campsite	none	none	none	yes (SB-24SS)	None
	El Dorado area #2 Ranger Station	None	none	none	yes (SB-24SS)	None
	El Dorado area #2 Restroom 38	none	none	none	yes (SB-24SS)	None
	El Dorado area #2 Snake Road North	2160 Series	8	1	yes (SB-24SS)	8" Netafim Octave w/ITS RAB

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
	El Dorado area #2 Snake Road South	2160 Series	None	None	yes (SB-24SS)	None
14	El Dorado area #3 Arbor Day Grove Parking Lot	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Boat House	None	None	None	None	None
	El Dorado Park area #3 Glider Field/South Combined	none	None	None	yes (SB-36SS)	Calsense LMR-400-DB cable. Contractor to measure length and supply during field installation.
	El Dorado area #3 Glider Hill North	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Lake View Grove	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Old Ranger Station	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Over Flow Parking by San Gabriel River	2160 Series (2)	8	2	yes (SB-36SS)	8" Netafim Octave w/ITS RAB (2 each)
	El Dorado area #3 Shopping Center	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Train Loop North	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 Wardlow Entrance	none	None	None	yes (SB-36SS)	None
	El Dorado area #3 World of Trees/Golden Grove Combined	none	None	None	yes (SB-36SS)	None
15	Grace park	No	None	None	None	None
16	Gumbiner Park	No	None	None	None	None
17	Heartwell Park Area 1	2000 series	3	1	no	None
18	Heartwell Park Area 3 A/B Combined	No	None	None	None	None
	Houghton Park Ballfield	2160 Series	3	1	no	None

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
19	Houghton Park North Facilities Center	none	none	none	no	None
	Houghton Park Restroom	2160 series	3	1	no	None
	Houghton Park Skate Park	none	none	none	no	None
20	Jack Nichols Park	No	None	None	None	None
21	Jackson Park East	2000 series	2	1	no	None
22	Jackson Park Pump House	2000 series	2	1	no	None
23	Los Altos Park	2160 Series MV	3	1	None	None
24	Los Cerritos Park	2000 Series MV	3	1	None	None
25	Marina Vista Park A/B Combined	No	None	None	SB-36SS	None
26	McBride Park	No	None	None	None	None
27	McBride Park Teen Center	no	none	None	None	None
28	MLK Park baseball field	2160 Series	3	1	no	None
	MLK Park Community Center	none	none	none	no	None
	MLK Park Playground	none	none	none	no	None
	MLK Park Pool	2160 Series	2	1	no	None
29	Multiservices Center	No	None	None	None	None
30	Pan American Park , Electrical Panel	No	None	None	None	None
	Pan American Park , Restroom, A/B Combined	No	None	None	None	None
31	Promenade Park	No	None	None	None	None

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
32	Ramona Park	2160 Series MV	3	1	SB-24SS	None
33	Recreation Park Lawn Bowling	No	None	None	None	None
	Recreation Park - Joe Rodgers/Restroom Combined	2260 Series MV	3	1	None	Calsense LMR-400-DB cable. Contractor to measure length and supply during field installation.
	Recreation Park - Joe Rodgers Tennis	No	None	None	Reuse spare from Restroom	None
34	Recreation Park - NE Corner Anaheim/Park ave	2160 Series MV	3	1	None	None
35	7th & Dog park Entry	2160 series	3	1	yes (SB-24SS)	None
	Recreation Park Band Shell	none	none	none	No	None
	Recreation Park Blair Field	none	none	none	No	None
	Recreation Park Casting pond	none	none	none	No	None
	Recreation Park Center Picnic Bench	2160 series	3	1	no	None
	Dog park combine A&B	none	none	none	yes (SB-24SS)	None
	Recreation Park Dog park parking lot	none	none	none	No	None
	Recreation Park federation & golf course tee box	none	none	none	No	None
	Recreation Park Federation South of Casting Pond	none	none	none	yes (SB-24SS)	None
	Recreation Park Park ave restroom	none	none	none	No	None
	Recreation Park Playground east	none	none	none	yes (SB-24SS)	None
	Recreation Park Playground west	none	none	none	No	None
36	Recreation Park Woodland area	2260 series	3	1	No	None

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

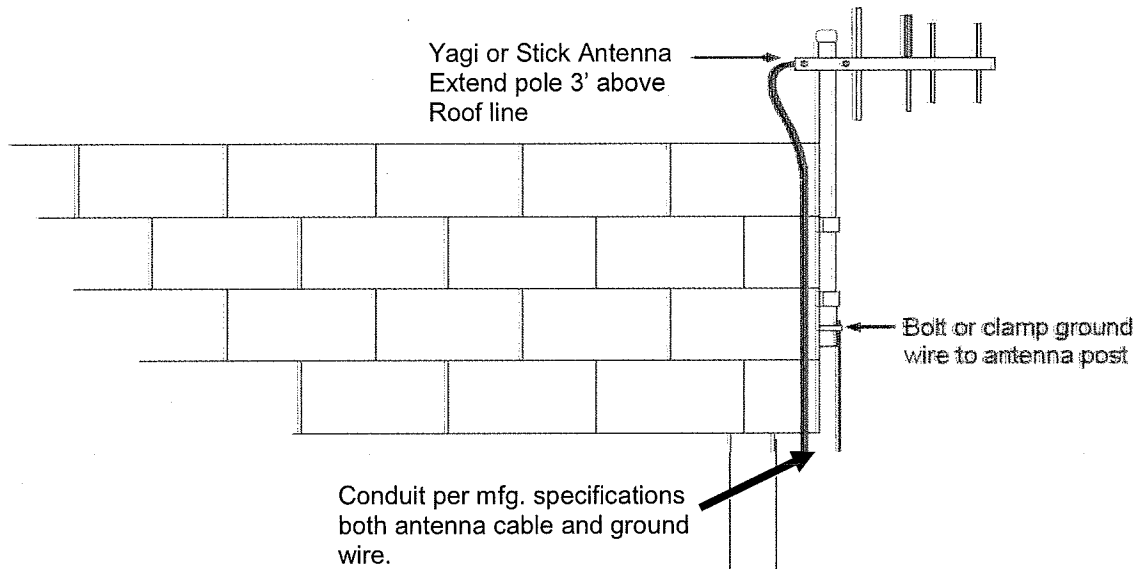
No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
37	Rose Park	2000 Series MV	2	1	None	None
38	Rosie the Riverter	2000 series	3	1	yes (SB-24SS)	None
39	Rotary Centennial Park	No	None	None	None	None
40	Scherer Park Cascades	2160 series	3	1	yes (SB-24SS)	None
	Scherer Dog Park	2160 series	3	1	yes (SB-24SS)	None
	Scherer Park Duck Pond	none	none	none	No	Calsense LMR-400-DB cable. Contractor to measure length and supply during field installation.
	Scherer Park North Police Station	none	none	none	No	None
	Scherer Park Tennis	none	none	none	yes (SB-24SS)	None
41	Seaside Park	none	none	None	none	none
42	Silverado park 32nd & Baltic	2160 Series	3	1	No	None
	Silverado Park Community Center	none	none	none	No	None
	Silverado pool	none	none	none	No	None
43	Somerset Park	2000 series	3	1	No	None
44	Stearns Park Fire Department	none	none	none	yes (SB-24SS)	None
	Stearns Park Snack Shack/little league Combined	none	none	none	yes (SB-36SS)	None
	Stearns Park Transformer Cage	2160 series	3	1	yes (SB-36SS)	None
45	Tanaka Park	2000 Series MV	2	1	None	None
46	Veterans Park - Community Center	2160 Series MV	3	1	SB-24SS	None
	Veterans Park - Playground	No	None	None	SB-24SS	None
	Veterans Park - Tennis	2160 Series MV	3	1	SB-24SS	None

EXHIBIT A MASTER VALVES, ENCLOSURES, SPECIAL PARTS

No.	Location	Master valve*	Size"	Qty	New Enclosure**	Special Parts
47	Wardlow Park - Playground	No	None	None	None	None
	Wardlow Park - Tennis	No	None	None	None	None
48	Whaley Park North & Atherton Medians Combined	2260 Series MV	4	1	None	None
49	Whaley Park South - Community Center	Netafim Electronic Register Hydrometer	3	1	None	None
	Whaley Park South - Restroom	No	None	None	None	None
	Whaley Park South - Tennis	No	None	None	None	None
		* Griswold, unless otherwise stated				
		** VIT Strong Box, unless otherwise stated				

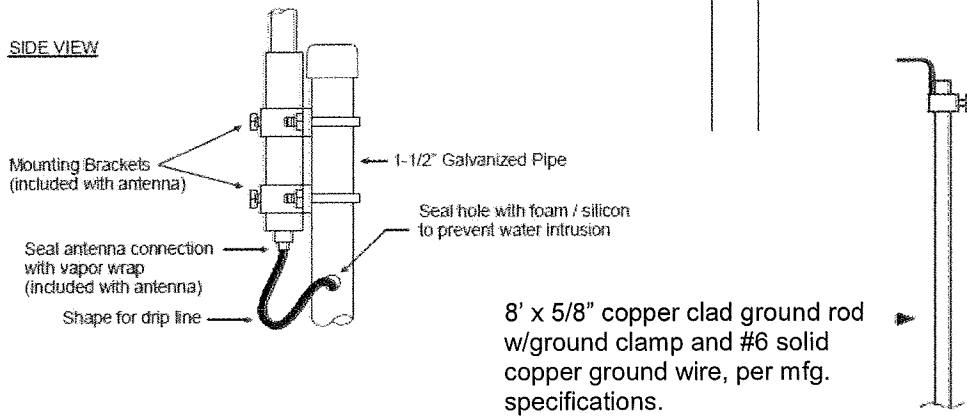
EXHIBIT B – ANTENNA MOUNTING DETAIL

Exterior Antenna Installation



STICK ANTENNA MOUNTING DETAIL

SIDE VIEW



Location

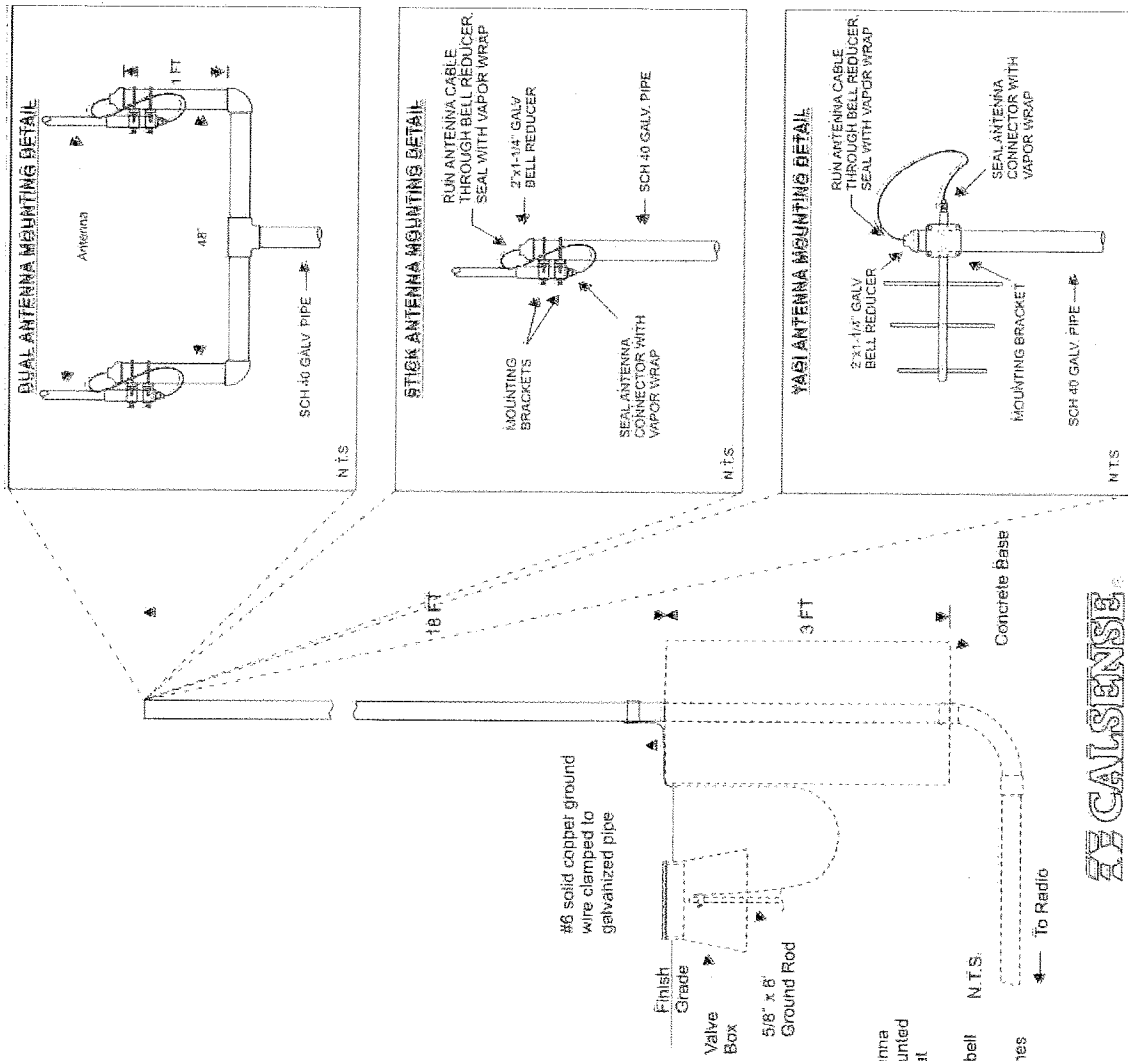
Location is very important. Surrounding objects such as trees, power lines, other antennas, etc., will seriously reduce efficiency. To minimize the effects of surrounding objects, mount the antenna as high and in the clear as possible.

Mounting

Mast should be schedule 40 galvanized pipe.

EXHIBIT C: ANTENNA MAST POLE MOUNT

Calsense



CALSENSE

NOTES:

- 1) Galvanized pole, nipples and fittings to be 2 inch.
- 2) When mounting a stick/whip antenna and a yagi antenna to the same pole, the stick/whip antenna must be mounted at the top of the pole and the yagi must be mounted at least one foot below the stick/whip antenna.
- 3) Vapor wrap antenna cable where it comes out of the bell reducer and also where it connects to the antenna.
- 4) Concrete base to be 18 inches x 18 inches by 36 inches deep with a 1/4 inch slope to edges.
- 5) Mounting brackets and vapor wrap are included with antenna.

Antenna Mounting - Stick and Yagi

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
1	14th Street Park East	CS3-8-WM1	8-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 1.5	1 1/2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
2	14th Street Park West	CS3-8-WM1	8-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 1.5	1 1/2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
3	Bixby Knolls	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Bixby Park Band Shell	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
Bixby Park Community Center	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online	
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online

EXHIBIT D: BID SECTION [ENTER ALL PRICES ONLINE]

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price	
4	Bixby Park North	TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
		CS3-24-WM1	24-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
	Bixby Park Old Restroom	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.				1	Enter Online
		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				1	Enter Online
5	Bixby Park South	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense			1	Enter Online	
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online	
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online	
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online	
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
6	Chavez Elementary	STATION-UPGRADE	Retrofit existing Calsense ET2000e or older model controller with an additional 8-stations. TP-1 upgraded to match no additional charge.	Install City owned Controller: ET2000E- 12-GR-RRE/SSE-R, 5/N 43785. (Upgrade to 24 Stations)		1.5	Enter Online	
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
		TP-1-MOD	Retrofit existing Transient Protection Board (model TP-1) to include all stations and options.			1	Enter Online	
7	Cherry Park	FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
8	College Estates Park, Community Center	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
9	Coolidge Park	COMM-SYR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			2	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			2	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			2	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-SYR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
10	DeForest Park Parking Lot	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-SYR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
11	Drake Park Community Center	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		COMM-SYR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
12	Drake Park Tennis Court	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
13	El Dorado Park #2, Archery	COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	El Dorado Park #2, Campsite	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
	El Dorado Park #2, Ranger Station	TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		SR-FILTER	Spread Spectrum Radio frequency filter			1	Enter Online
		ANT-PROT	Antenna cable surge protection device			1	Enter Online
		LMR-400-DB	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.			30	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.			1	Enter Online
		COMM-5YR-M	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
GR-STUBBY		Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online		
CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
CS3-40-WM	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online		

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	El Dorado Park #2, Restroom #38	ANT-PROT	Antenna cable surge protection device			1	Enter Online
		LMR-400-DB	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.			30	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	El Dorado Park #2, Snake Road North	CS3-40-WM	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	El Dorado Park #2, Snake Road South	CS3-40-WM	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	El Dorado Park #3, Arbor Grove Pk Lot	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
14	El Dorado Park #3, Boat House	TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense			1	Enter Online
	El Dorado Park #3, Glider Field/Glider Field South Combo	SR-FILTER	Spread Spectrum Radio frequency filter			1	Enter Online
		ANT-PROT	Antenna cable surge protection device			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STICK-8	Spread Spectrum Radio omni-directional stick antenna operating at 8-dBi. Does not include antenna cable.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR-M	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	El Dorado Park #3, Glider Hill North	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
El Dorado Park #3, Lake View Grove	CS3-SR	Spread Spectrum Radio to provide wireless communication between			1	Enter Online	
	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online	
	SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
	CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online	
El Dorado Park	TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online	

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	#3, Old Ranger Station	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	El Dorado Park #3, Overflow Parking by LA	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	El Dorado Park #3, Shopping Center	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	El Dorado Park #3, Train Loop North	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	El Dorado Park #3, Wardlow Entrance	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	El Dorado Park #3, World of Trees/Golden	CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
15	Grace Park	CS3-8-SB16-RETRO	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box SB-16SS stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).			1	Enter Online
		FMI INSERT	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-8STA-KIT	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.			1	Enter Online
16	Gumbiner Park	GR-RETRO	Retrofit existing ET2000e with cellular modem to provide communication with cloud-based Command Center Online web application or Command Center software. Requires antenna, purchased separately.	Existing: ET2000E-1G-EN-RRE/SSE-R, S/N 43920		1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
17	Heartwell Park Area #1	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FMBX	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
	Heartwell Park Area #3, Controller A/B Combined	CS3-48-WM	48-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		CS3-M-KIT	Hardwire communication card and terminal board to provide communication between CS3000 controllers using Paige P7171D communication cable. For controllers in wall-mount enclosures (models CS3-WM, CS3-WM1, and CS3-WM2).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price	
18		COMM-SYR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calense data plan, purchased separately.			1	Enter Online	
	Heartwell Park Area #3, Controller C/D Combined	CS3-48-WM	48-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules.				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		CS3-M-KIT	Hardwire communication card and terminal board to provide communication between CS3000 controllers using Paige P7171D communication cable. For controllers in wall-mount enclosures (models CS3-WM, CS3-WM1, and CS3-WM2).				1	Enter Online
	Houghton Park, Ballfield	CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output				1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
CS3-FL		CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online	
SR-STUBBY		Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
CS3-SR		Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	
CS3-16-WM		16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online	
FM 3		3" PVC Sch 80 tee-mounted Flow Meter				1	Enter Online	
CS-2W-2ST		CS3000 2-Wire station decoder with 2-station outputs				1	Enter Online	
Houghton Park, Facilities Center		CS3-16-WM1	16-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
	TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online	
	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online	
	SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	
19	Houghton Park, Restroom	CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online	
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online	
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online	
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	
CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online			

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price		
20	Houghton Park, Skate Park	SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online		
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online		
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
	Jack Nichol Park	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online	
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online		
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online		
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online		
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online		
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online		
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online		
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online		
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online		
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online		
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
		21	Jackson Park, East	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
				FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
TP-110	AC line protection for CS3000 Irrigation controllers.					1	Enter Online		
COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.					1	Enter Online		
GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable					1	Enter Online		
22	Jackson Park, Pump Building	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online		
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
23	Los Altos Park	COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		24	Los Carritos Park Restrooms	CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.		
FM 2	2" PVC Sch 80 tee-mounted Flow Meter					1	Enter Online
TP-110	AC line protection for CS3000 irrigation controllers.					1	Enter Online
COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.					1	Enter Online
GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable					1	Enter Online
CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.					1	Enter Online
25	Marina Vista Park A/B Combined	CS3-40-WM	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
26	McBride Park	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online

EXHIBIT D: BID SECTION [ENTER ALL PRICES ONLINE]

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price	
27	McBride Park Teen Center	TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online	
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
	MLK Park, Ball Field	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online
		SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		LMR-400-DB	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.				30	Enter Online
28	MLK Park, Community Center	ANT-PROT	Antenna cable surge protection device			1	Enter Online	
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online	
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				2	Enter Online
	MLK Park, Playground	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calense data plan, purchased separately.				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online
MLK Park, Playground	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online	
	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	
	SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
	CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online	
	TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online	
		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online	

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
29	MLK Park, Pool	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
	Multi Services Facilities Center	COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
30	Pan American Park Electrical Transformer	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	Pan American Park Restroom, A/B Combined	TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
31	Promenade Square	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
	CS3-8-SB16-RETRO	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box 5B-1655 stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).			1	Enter Online	
	FMI INSERT	Replacement Flow Meter Insert for all Flow Meters except FMBX and FM 2B			1	Enter Online	
	COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online	
	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online	
CS3-8STA-KIT	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.			3	Enter Online		

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
32	Ramona Park	TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		33	Recreation Park Lawn Bowling Building	CS3-16-WM1	16-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.		
TP-110	AC line protection for CS3000 Irrigation controllers.					1	Enter Online
SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable					1	Enter Online
CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).					1	Enter Online
CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.					1	Enter Online
33	Joe Rodgers Field/Restroom Combined	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		ANT-PROT	Antenna cable surge protection device			1	Enter Online
		SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBI. Does not include antenna cable.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			2	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
33	Recreation Park Tennis	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price	
34	Center	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online	
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online	
	Recreation Park NE Corner (Anaheim/ Park ave)	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.				1	Enter Online
	Recreation Park, 7th & Dog Park Entry	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs				1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output				1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.				1	Enter Online
		FMBX	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	
	Recreation Park, Band Shell	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online
	Recreation Park, Blair Field	TP-110	AC line protection for CS3000 irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
SR-STUBBY		Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
CS3-SR		Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
35	Recreation Park, Casting Pond	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		COMM-5YR-M	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
	Recreation Park, Center Picnic Bench	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	Recreation Park, Dog Park, A/B Combined	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Recreation Park, Dog Park Parking Lot	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	Rec Park, Federation & Golf Course Tee Box	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
	Recreation Park, Federation Soth of Casting Pond	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Recreation Park, Park Ave Restroom	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Rec Park, Playground East	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Recreation Park, Playground West	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
36	Recreation Park, Woodland Area	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		FMBX	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
37	Rose Park	CS3-8-SB16-RETRO	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box SB-16SS stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).			1	Enter Online
		FM 1.25B	1 1/4" brass tee-mounted Flow Meter			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
38	Rosie the Riveter Park	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
39	Rotary Centennial Park	STATION-UPGRADE	Retrofit existing Calsense ET2000e or older model controller with an additional 8-stations. TP-1 upgraded to match no additional charge.	Install City owned Controller: ET2000E-12-GR-RRE/SSE-R, S/N 43785, (Upgrade to 32 stations)		2.5	Enter Online
		FMI INSERT	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B			1	Enter Online
		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
40	Scherer Park, Cascades	FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire Terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
	Scherer Park, Dog Park	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		COMM-SYR-M	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Scherer Park, Duck Pond	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dB. Does not include antenna cable.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		SR-FILTER	Spread Spectrum Radio frequency filter			1	Enter Online
		ANT-PROT	Antenna cable surge protection device			1	Enter Online
	Scherer Park, Police	TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-8STA-KIT	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.	Existing City Inventory: CS3-24-S1/CS3-GR/GR-STUBBY, S/N 50726		2	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	Scherer Park, Tennis	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
41	Seaside Park	FMI INSERT	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B			1	Enter Online
	Silverado Park, 32nd & Baltic	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
42	Silverado Park, Community Center	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
	Silverado Park, Pool	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price		
43	Somerset Park	CS3-32-WM	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online		
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online		
		FMBX	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).			1	Enter Online		
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online		
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online		
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online		
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online		
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
		44	Stearns Park, Fire Department	CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.					1	Enter Online		
TP-110	AC line protection for CS3000 irrigation controllers.					1	Enter Online		
CS3-FL ²	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).					1	Enter Online		
SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable					1	Enter Online		
CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.					1	Enter Online		
44	Stearns Park, Snack Shack/Little League Combined	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online		
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			2	Enter Online		
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online		
		TP-110	AC line protection for CS3000 irrigation controllers.			1	Enter Online		
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online		
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online		
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online		
		44		CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
				CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
				SR-STICK-6	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBI. Does not include antenna cable.			1	Enter Online
CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).					1	Enter Online		
TP-110	AC line protection for CS3000 irrigation controllers.					1	Enter Online		

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	Stearns Park, Transformer Cage	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		LMR-400-DB	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.			30	Enter Online
		ANT-PROT	Antenna cable surge protection device			1	Enter Online
		SR-FILTER	Spread Spectrum Radio frequency filter			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
45	Tanaka Park	CS3-16-WM	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 2	2" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
	Veterans Park Community Center	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
46		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			1	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price	
47	Veterans Park Playground	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online	
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online	
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online	
	Veterans Park Tennis	CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		FM 3	3" PVC Sch 80 tee-mounted Flow Meter				1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.				1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output				1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs				1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.				1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardware (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).				1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
	CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.				1	Enter Online	
	Wardlow Park Playground	CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.				1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.				1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				1	Enter Online
	Wardlow Park Tennis Court	GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.				1	Enter Online
TP-110		AC line protection for CS3000 Irrigation controllers.				1	Enter Online	
COMM-5YR		5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				1	Enter Online	
GR-STUBBY		Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
CS3-GR		Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.				1	Enter Online	
COMM-5YR		5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.				1	Enter Online	
GR-STUBBY		Cellular stubby surface-mount antenna with 3-ft. antenna cable				1	Enter Online	
CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.				1	Enter Online		
CS3-8STA-KIT	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.				2	Enter Online		

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
48	Whaley Park North & Atherton Medians Combined	CS3-8-S-UPGRADE	Upgrade existing Calsense controller in heavy-duty stainless-steel enclosure to an 8-station base model CS3000 irrigation controller. Includes new SSE back plate. Does not include communications or other options. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT). MUST include original controller serial number at time of order.	Existing ET2000E-24- EN-RRE/SSE-R, 5/N 39021		1	Enter Online
		FMBX	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
Whaley Park South, Community Center		CS3-8-WM	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			1	Enter Online
		CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			1	Enter Online
		CS-2W-2ST	CS3000 2-Wire station decoder with 2-station outputs			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		COMM-5YR	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.			2	Enter Online
		GR-STUBBY	Cellular stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
CS3-GR	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.			1	Enter Online		
49	Whaley Park South, Restroom	CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-24-WM	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.			1	Enter Online
		TP-110	AC line protection for CS3000 Irrigation controllers.			1	Enter Online
		CS3-8-S-UPGRADE	Upgrade existing Calsense controller in heavy-duty stainless-steel enclosure to an 8-station base model CS3000 irrigation controller. Includes new SSE back plate. Does not include communications or other options. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT). MUST include original controller serial number at time of order.	Existing: ET2000E-12- EN-RRE/SSE-R, 5/N 35952		1	Enter Online

EXHIBIT D: BID SECTION (ENTER ALL PRICES ONLINE)

No.	Location	Product	Description	Notes	Unit price	Qty	Total Price
	Whaley Park South, Tennis Court	SR-STUBBY	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable			1	Enter Online
		CS3-FL	CS3000 FLOWSENSE* option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).			1	Enter Online
		CS3-SR	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.			1	Enter Online
		CS3-85TA-KIT	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.			1	Enter Online
	Turn Over Items for Future Repairs	CS3-2WIRE-OPT	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.			10	Enter Online
	Turn Over Items for Future Repairs	CS-2W-POC	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output			5	Enter Online
	Turn Over Items for Future Repairs	CS-2W-ZST	CS3000 2-Wire station decoder with 2-station outputs			20	Enter Online
							Enter Online
					Subtotal:		Enter Online
					Tax:		Enter Online
					Total		Enter Online

EXHIBIT E: GROUNDING SPECIFICATIONS

Calsense

Transient Protection and Grounding

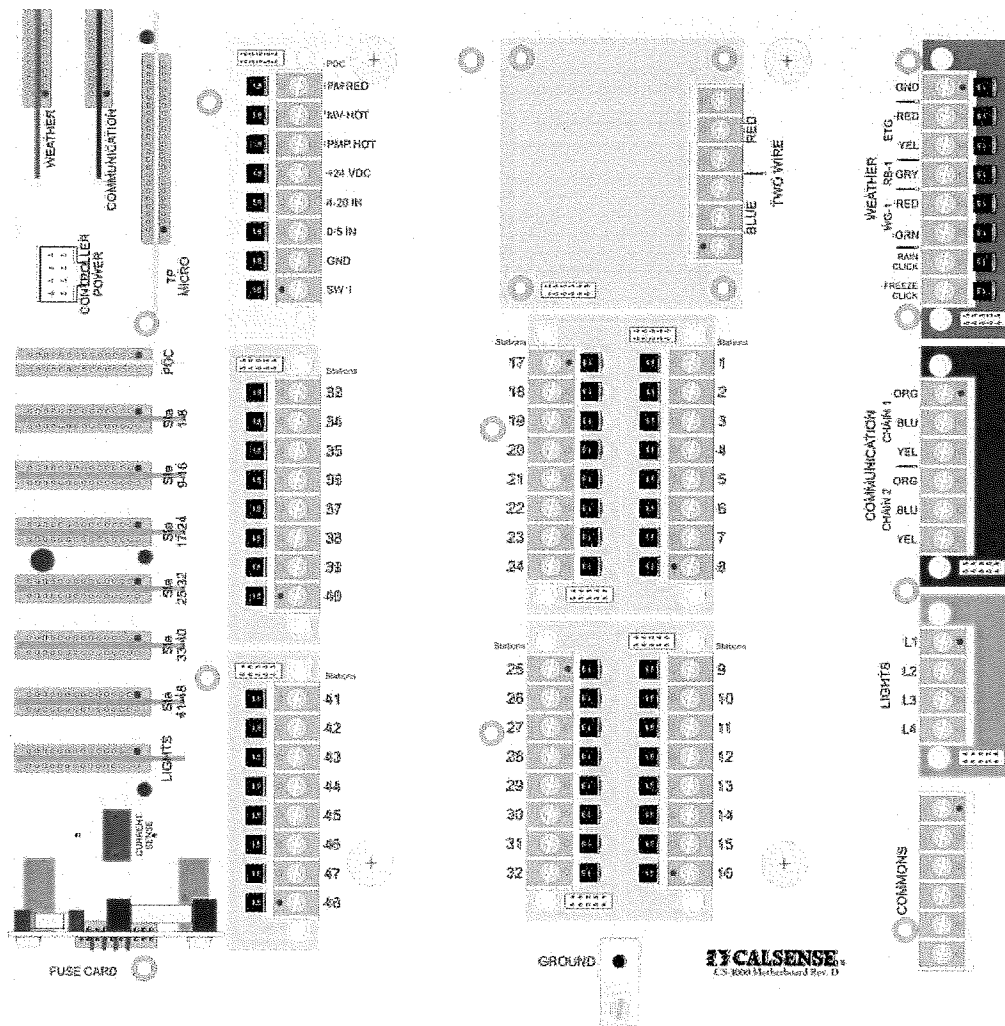
Transient Protection

The Calsense CS3000 Motherboard, included with each CS3000 controller, prevents transient surges from entering the CS3000 (*Figure 4*) from the field by offering transient protection on each of the field-replacable modules. Lightning strikes can cause considerable damage to irrigation equipment. The Calsense Motherboard protects against this by using transorbs, solid-state devices, which direct or switch the incoming transient away from the controller to a ground rod.

Note: Transient protection is only as good as the ground rod installed.

The Calsense Motherboard supports field-replacable modules which include terminal strips for the connection of the irrigation field wires, 2-Wire cable, and Calsense accessories such as an ET Gage and a Tipping Rain Bucket.

The Calsense Motherboard is pre-mounted in both the wall mount and stainless steel enclosure.



Wall Mount CS3000 Motherboard

Grounding Instructions

Install one 5/8-inch x 8-foot copper grounding rod per irrigation controller. Do not connect multiple controllers to the same ground rod. The top of each copper ground rod should be installed inside of a 10-inch round valve box. If a pedestal is being mounted, the ground rod may be installed through the pedestal base. The ground rod should be installed as close as practical to the controller. Under no circumstances shall the rods be shortened.

Use brass clamps specifically designed to secure the copper wire to the grounding rods. Sand both the rod and the inside of the clamp to remove all oxide from the contact surfaces.

Connect a #6 AWG solid copper wire from ground lug of the CS3000 Motherboard to the copper ground rod. There should be no kinks or sharp bends in the wire. As an alternative to clamping, each wire may be wrapped around the rod and brazed in place. Braze the wire to the rod for at least one circumference of the rod.

When using 2-Wire decoders, 5/8-inch x 8-foot copper ground rod is required every 300-feet along the 2-Wire path. Additionally, a ground rod must be installed at the end of each 2-Wire cable run.

WARNING: Never connect the ground rod or field common to the FM Red on the POC Terminal strip. This will disable the over-current protection and could result in damage to the controller.

Lightning Warranty

The standard warranty will be extended to cover lightning damage if the controllers and/or central system is installed in accordance with our installation instructions for each item installed, the National Electric Code, and these grounding instructions.

EXHIBIT F: 2-Wire Grounding Specifications

Calsense

2-Wire

2-Wire Option (model CS3-2WIRE-OPT)

The Calsense 2-Wire technology provides easy and cost effective installation and expansion of any landscape project using the Calsense CS3000 Irrigation Controller with the Calsense 2-Wire decoder system. Each decoder offers built-in robust lightning and surge protection, making it durable and reliable.

Decoders not only receive commands from the controller but also send real-time information back. Diagnostic information is gathered automatically from each decoder on a continual, real-time basis and recorded and transmitted back to the controller as well as the Command Center Online web application.

Smart technology enables easy assignment of any decoder to a station at the controller in any order after field installation using the serial number of the decoder.

Installation Guidelines

The 2-Wire decoders connect to a 2-Wire cable that runs from the irrigation controller. This 2-Wire cable can either be Regency's Hunter® Decoder Cable or Paige P7354D. The maximum 2-Wire cable length is 7,000-feet. Up to 6-valves can be energized simultaneously at any point along the 2-Wire cable.

A grounding rod is required every 300-feet along the 2-Wire path as well as a single ground rod at the end of the cable run.

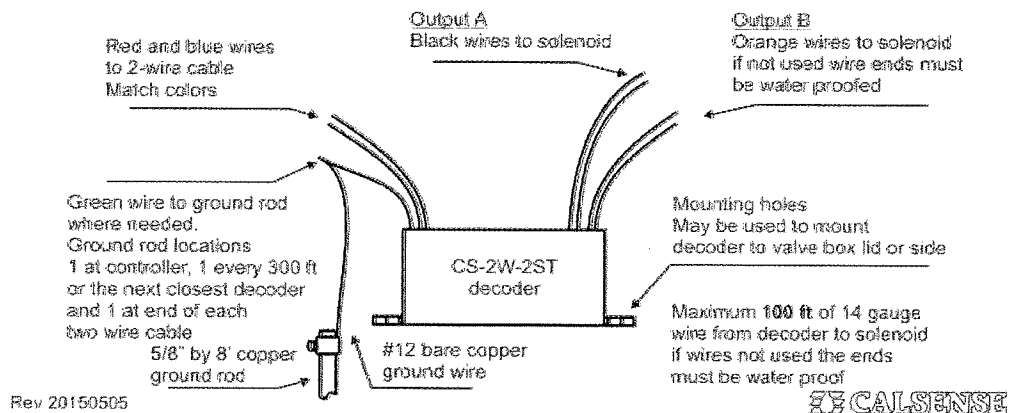
Because the 2-Wire decoder sends electronic pulses back to the controller, all electrical connections must be waterproof and moisture-resistant. Calsense recommends using 3M™ Scotchcast™ 3570G Connector Sealing Packs (formerly 3M Scotchlok™ 3570 Connector Sealing Packs) for all electrical connections including splices along the 2-Wire path.

2-Station 2-Wire Decoder (model CS-2W-2ST)

The 2-Station decoder operates up to 2-solenoids using uniquely colored wires for each station. A single controller can operate up to 128 2-Wire stations, spread across a maximum of 70 physical 2-Station decoders. It is intended that all wire runs between valves and 2-Wire decoders be direct pulls and have no splices except at the decoder location.

The 2-Wire decoders use #14 AWG direct burial wire to connect to remote control valves. The maximum wire run between the decoder and the valve is 100-feet.

Use 3M Scotchcast #3570G-N epoxy packs for **ALL** wire splices.



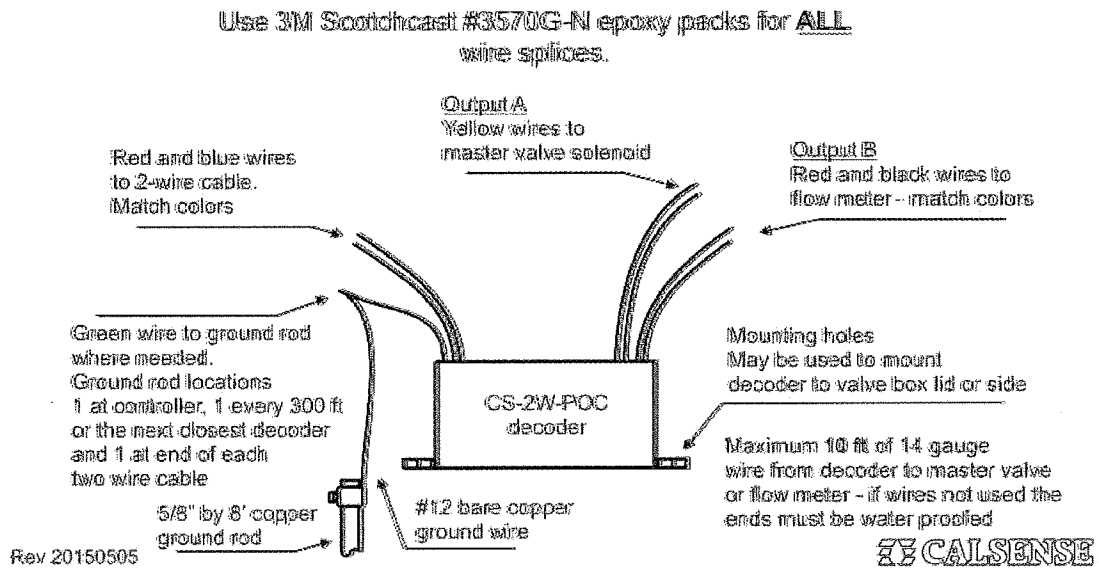
2-Station Decoder Detail (model CS-2W-2ST)

POC 2-Wire Decoder (model CS-2W-POC)

The POC decoder operates a single master valve and Calsense Flow Meter (model FM). A single controller can operate up to six POC decoders with a maximum of 12-POCs in a chain of controllers using *FLOWSENSE™* technology. It is intended that all wire runs between valves and 2-Wire decoders be direct pulls and have no splices except at the decoder location.

The 2-Wire decoders use #14 AWG direct burial wire to connect to remote control valves. The maximum wire run between the decoder and the flow meter is 20-feet while the maximum wire run between the decoder the master valve is 100-feet.

Note: POC Decoders do not support hydrometers at this time.



POC Decoder Details (model CS-2W-POC)

ATTACHMENT A

**Debarment, Suspension, Ineligibility and Voluntary Exclusion
Certification**

Debarment, Suspension, Ineligibility and Voluntary Exclusion Certification

Please read Acceptance of Certification and Instructions for Certification before completing

As a current or potential vendor for the City of Long Beach (City) your firm, through its business relationship with the City, may be the recipient of federal grant funds. As such, the City is required to document that neither your business entity or organization, nor any of your principals are debarred, suspended, ineligible, or have voluntarily been excluded from receiving federal grant funds. Consistent with Executive Order No. 12549 Title 2 CFR Part 18 Subpart C, all potential recipients of federal grant funds are required to comply with the requirements specified below. By submission of proposal/bid/agreement, the undersigned, under penalty of perjury, certifies that the participant, nor any of its principals in the capacity of owner, director, partner, officer, manager, or other person with substantial influence in the development or outcome of a covered transaction, whether or not employed by the participant:

- Are not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal department or agency;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, been suspended, debarred, voluntarily excluded or declared ineligible by a federal agency;
- Do not presently have a proposed debarment proceeding pending;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, been indicted or convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct;
- Have not, within a three (3) year period preceding this bid/agreement/proposal, had one or more public transactions (Federal, State, or local) terminated for cause or default.

If reorganization, management turnover, or a shift or change of principals' status occurs, written notice must be submitted within 21 days. Subsequent disclosure of unfavorable information will be subject to thorough review and remedial action. Updated versions of this certification may be requested on a routine basis.

Where the potential prospective recipient of Federal assistance funds is unable to certify to any of the statement in this certification, such prospective participant shall attach an explanation to the applicable bid/agreement/proposal.

American Landscape Inc.

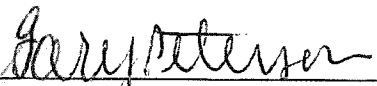
Business/Contractor/Agency

Gary Peterson

President

Name of Authorized Representative

Title of Authorized Representative


Signature of Authorized Representative

12/3/18
Date

Acceptance of Certification

1. This bid/agreement/proposal or like document has the potential to be a recipient of Federal funds. In order to be in compliance with Code of Federal Regulations, the City requires this completed form. By signing and submitting this document, the prospective bidder/proposer is providing the certification and acknowledgement as follows:
2. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549.
3. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective recipient of Federal assistance funds knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
4. The potential recipient of Federal assistance funds agrees by submitting this bid/agreement/proposal or like document that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

**Instructions for completing the form,
Attachment –Debarment Certification**

1. The City of Long Beach sometimes receives Federal funding on certain purchases/projects. To ensure that the City is in compliance with Federal regulations we require this form to be completed.
2. The City of Long Beach checks the System for Award Management at www.sam.gov to make sure that Contractors who are awarded City contracts and/or purchase orders are not debarred or suspended. Prospective contractors should perform a search on this website for your company and or persons associated with your business.
3. If your business is in compliance with the conditions in the form, please have the appropriate person complete and sign this form and return with your bid/proposal/agreement.
4. If at any time, your business or persons associated with your business become debarred or suspended, we require that you inform us of this change in status.
5. If there are any exceptions to the certification, please include an attachment. Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception, indicate to whom it applies, initiating agency and dates of action.
6. Note: Providing false information may result in criminal prosecution or administrative sanctions.

If you have any questions on how to complete this form, please contact the Purchasing Division in the City of Long Beach Business Relations Bureau at 562-57-6200

ATTACHMENT B
REFERENCE LIST



City of Long Beach
 Purchasing Division
 333 W Ocean Blvd/7th Floor
 Long Beach CA 90802

Reference Information Form

Client/Contractor Name The Mountains Rec and Conservation Authority

Project Manager/Contact Name Liz Jennings E-mail liz.jennings@mrca.ca.gov Ph. No. (323) 221-9944

Address 6351 W. Franklin Ave. Hollywood, CA 90028 Franklin/Ivar Park

Project Description Landscape Construction

Project Dates (Start and End) 10/1/2016 Contract Term(s) Net 30 Contract Amount \$203,890
5/4/2017

Client/Contractor Name City of Palmdale Dept. of Public Works

Project Manager/Contact Name Dept. of Public Works E-mail N/A Ph. No. (661) 267-5300

Address Yellen Park Avenue S + 52nd St. East Yellen Park Site Improvement

Project Description Landscape Construction

Project Dates (Start and End) 9/14/16 Contract Term(s) Net 30 Contract Amount \$411,389
3/1/2017

Client/Contractor Name Del Amo Fashion Center Operating

Project Manager/Contact Name David Bauman E-mail david.bauman@whiting-turner.com Ph. No. (818) 879-8100

Address 3525 West Carson Torrance, CA 90503 Del Amo Fashion Square Ph. 2

Project Description Landscape Construction

Project Dates (Start and End) 1/15/2015 Contract Term(s) Net 30 Contract Amount \$3,319,909
6/22/2016

Client/Contractor Name BOARDWALK OFFICE ASSOCIATES LLC

Project Manager/Contact Name Matt Cramer E-mail mcramer@trammellcrow.com Ph. No. (949) 477-4700

Address 18691 Jamboree Rd. Irvine, CA 92612 Boardwalk Towers

Project Description Landscape Construction

Project Dates (Start and End) 9/2/2016 Contract Term(s) Net 30 Contract Amount \$1,773,037
3/1/2018

Client/Contractor Name South Orange Community College District

Project Manager/Contact Name Scott McLure E-mail smclure@griffithcompany.net Ph. No. (562) 929-1128

Address 1624 Valencia Ave. Tustin, CA 92782 Irvine Valley College
x 1682

Project Description Landscape Construction

Project Dates (Start and End) 11/1/2016 Contract Term(s) Net 30 Contract Amount \$622,601
6/1/2017

ATTACHMENT C

**W-9 Request for Taxpayer
Identification Number and Certification**

Form-Fillable PDF available at <http://www.irs.gov/pub/irs-pdf/fw9.pdf>

ATTACHMENT D

EQUAL BENEFITS ORDINANCE (EBO) FORM

EQUAL BENEFITS ORDINANCE DISCLOSURE FORM

As a condition of being awarded a contract with the City of Long Beach ("City"), the selected Contractor/Vendor ("Contractor") may be required during the performance of the Contract, to comply with the City's nondiscrimination provisions of the Equal Benefits Ordinance ("EBO") set forth in the Long Beach Municipal Code section 2.73 et seq. The EBO requires that during the performance of the contract, the Contractor shall provide equal benefits to its employees with spouses and employees with domestic partners. Benefits include but are not limited to, health benefits, bereavement leave, family medical leave, membership and membership discounts, moving expenses, retirement benefits and travel benefits. A cash equivalent payment is permitted if an employer has made all reasonable efforts to provide domestic partners with access to benefits but is unable to do so. A situation in which a cash equivalent payment might be used if where the employer has difficulty finding an insurance provider that is willing to provide domestic partner benefits.

The EBO is applicable to the following employers:

- For-profit employers that have a contract with the City for the purchase of goods, services, public works or improvements and other construction projects in the amount of \$100,000 or more
- For-profit entities that generate \$350,000 or more in annual gross receipts leasing City property pursuant to a written agreement for a term exceeding 29 days in any calendar year

Contractors who are subject to the EBO must certify to the City before execution of the contract that they are in compliance with the EBO by completing the EBO Certification Form, attached, or that they have been issued a waiver by the City. Contractors must also allow authorized City representatives access to records so the City can verify compliance with the EBO.

The EBO includes provisions that address difficulties associated with implementing procedures to comply with the EBO. Contractors can delay implementation of procedures to comply with the EBO in the following circumstances

- 1) By the first effective date after the first open enrollment process following the contract start date, not to exceed two years, if the Contractor/vendor submits evidence of taking reasonable measures to comply with the EBO; or
- 2) At such time that the administrative steps can be taken to incorporate nondiscrimination in benefits in the Contractor/vendor's infrastructure, not to exceed three months; or
- 3) Upon expiration of the contractor's current collective bargaining agreement(s).

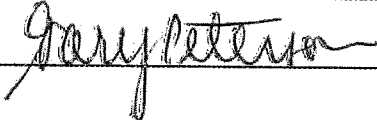
Compliance with the EBO

If a contractor has not received a waiver from complying with the EBO and the timeframe within which it can delay implementation has expired but it has failed to comply with the EBO, the

Contractor may be deemed to be in material breach of the Contract. In the event of a material breach, the City may cancel, terminate or suspend the City agreement, in whole or in part. The City also may deem the Contractor an irresponsible bidder and disqualify the Contractor from contracting with the City for a period of three years. In addition, the City may assess liquidated damages against the Contractor which may be deducted from money otherwise due the Contractor. The City may also pursue any other remedies available at law or in equity.

By my signature below, I acknowledge that the Contractor understands that to the extent it is subject to the provisions of the Long Beach Municipal Code section 2.73, the Contractor shall comply with this provision.

Printed Name: Gary Peterson Title: President

Signature:  Date: 12/3/18

Business Entity Name: American Landscape Inc.

**CERTIFICATION OF COMPLIANCE WITH THE
EQUAL BENEFITS ORDINANCE**

Section 1. CONTRACTOR/VENDOR INFORMATION

Name: American Landscape Inc. Federal Tax ID No. [REDACTED]
Address: 7013 Owensmouth Ave
City: Canoga Park State: CA ZIP: 91303
Contact Person: Joe Pulliam Telephone: 818-963-1776
Email: Jpulliam@americanlandscape. Fax: 818-999-2056

Section 2. COMPLIANCE QUESTIONS

- A. The EBO is inapplicable to this Contract because the Contractor/Vendor has no employees. Yes x No
- B. Does your company provide (or make available at the employees' expense) any employee benefits? x Yes No
(If "yes," proceed to Question C. If "no," proceed to section 5, as the EBO does not apply to you.)
- C. Does your company provide (or make available at the employees' expense) any benefits to the spouse of an employee?
 x Yes No
- D. Does your company provide (or make available at the employees' expense) any benefits to the domestic partner of an employee?
 x Yes No (If you answered "no" to both questions C and D, proceed to section 5, as the EBO is not applicable to this contract. If you answered "yes" to both Questions C and D, please continue to Question E. If you answered "yes" to Question C and "no" to Question D, please continue to section 3.)
- E. Are the benefits that are available to the spouse of an employee identical to the benefits that are available to the domestic partner of an employee? x Yes No
(If "yes," proceed to section 4, as you are in compliance with the EBO. If "no," continue to section 3.)

Section 3. PROVISIONAL COMPLIANCE

- A. Contractor/vendor is not in compliance with the EBO now but will comply by the following date:
- By the first effective date after the first open enrollment process following the contract start date, not to exceed two years, if the Contractor/vendor submits evidence of taking reasonable measures to comply with the EBO; or
- At such time that the administrative steps can be taken to incorporate nondiscrimination in benefits in the Contractor/vendor's infrastructure, not to exceed three months; or

____ Upon expiration of the contractor's current collective bargaining agreement(s).

- B. If you have taken all reasonable measures to comply with the EBO but are unable to do so, do you agree to provide employees with a cash equivalent? (The cash equivalent is the amount of money your company pays for spousal benefits that are unavailable for domestic partners.)
____ Yes ____ No

Section 4. REQUIRED DOCUMENTATION

At time of issuance of purchase order or contract award, you may be required by the City to provide documentation (copy of employee handbook, eligibility statement from your plans, insurance provider statement, etc.) to verify that you do not discriminate in the provision of benefits.

Section 5. CERTIFICATION

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that I am authorized to bind this entity contractually. By signing this certification, I further agree to comply with all additional obligations of the Equal Benefits Ordinance that are set forth in the Long Beach Municipal Code and in the terms of the contract of purchase order with the City.

Executed this 3rd day of December, 2018 at Canoga Park, CA

Name Gary Peterson

Signature 

Title President

Federal Tax ID No. 

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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 Los Angeles)

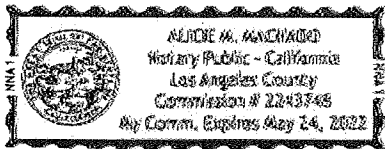
On December 03, 2018 before me, Alicie M. Machado, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Gary Peterson
Name(s) of Signer(s)

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.
Signature *Alicie Machado*
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____
Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____
 Corporate Officer -- Title(s): _____ Corporate Officer -- Title(s): _____
 Partner -- Limited General Partner -- Limited General
 Individual Attorney in Fact Individual Attorney in Fact
 Trustee Guardian or Conservator Trustee Guardian or Conservator
 Other: _____ Other: _____
Signer Is Representing: _____ Signer Is Representing: _____

ATTACHMENT E

INSURANCE REQUIREMENT



City of Long Beach
Purchasing Division
333 W. Ocean Blvd 7th Floor
Long Beach, CA 90802

INSURANCE REQUIREMENTS

Contractor shall submit proof of insurability from an insurance company with an: 8 rating (as specified in City AR 8-27) from AM Best Company with bid. Successful bidder shall be required to submit proof of insurance if award is made and notice given by the City. Failure to submit this proof within ten (10) calendar days after notice of award may disqualify the bid.

- Successful bidder shall obtain and maintain at its expense until completion of performance and acceptance by the City, from an insurer:
 - Admitted (Licensed) in the State of California with a current financial responsibility rating of an Excellent or better and a current financial size category (FSC) of V (Capital Surplus and Conditional Surplus Funds of greater than \$10 million) or greater rating as reported by AM Best Company or equivalent, unless waived in writing by the City's Risk Manager, or
 - Non-admitted in the State of California with a current financial responsibility rating of an Excellent or better and a current financial size category (FSC) of VIII (Capital Surplus Funds or greater than \$100 million) or greater rating as reported by AM Best Company or equivalent, unless waived in writing by City's Risk Manager.
 - Comprehensive General Liability naming City, its Officials, Employees, and Agents as additional insureds for injury to or death of persons or damage to or loss of property arising from or connected to vendor's performance here-under \$1,000,000 combined single limit for each occurrence and \$2,000,000 General Aggregate.
 - Automobile Liability: \$500,000 combined single limit per accident for bodily injury and property damage covering owned, non-owned and hired vehicles.
 - Worker's Compensation: As required by California Labor Code.
- Self-insurance of self-insured retention must be approved in writing by City and protect City in same manner and extent as if policies had not contained retention. Each policy must be endorsed to state that coverage shall not be cancelled by either party or reduced in coverage except after 30 days prior written notice to City. Vendor must furnish to City before performance certificates of insurance and original endorsements, with the original signature of one authorized by the insurer to bind coverage on its behalf, for approval as to sufficiency and form. This insurance shall not be deemed to limit vendor's liability hereunder.
- Contractor shall maintain at its expense, until completion of performance and acceptance by City, from an insurer:



City of Long Beach
 Purchasing Division
 333 w. Ocean Blvd 7th Floor
 Long Beach, CA 90802

- Admitted (licensed) in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of V (capital surplus and conditional surplus funds of greater than \$10 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by City's Risk Manager, or
- Non-admitted in the State of California with a current financial responsibility rating of A (Excellent) or better and a current financial size category (FSC) of VIII (capital surplus and conditional surplus funds of greater than \$100 million) or greater rating as reported by A.M. Best Company or equivalent, unless waived in writing by the City's Risk Manager.
- All coverages for Subcontractors shall be subject to the requirements stated herein and shall be maintained at no expense to the City.
- Contractor shall furnish the City with certificates of insurance and original endorsements providing coverage as required above. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.
- Before any of Contractor's or Subcontractor's employees shall do any work on the City's property, Contractor shall furnish the City with the required certificates evidencing that such insurance is being maintained. Such certificates shall specify the date when such insurance expires. Such insurance shall be maintained until after the Work under the Contract has been completed and accepted.
- Such insurance as required herein or in any other documents to be considered a part hereof shall not be deemed to limit Contractor's liability under this Contract.
- Contractor shall defend, indemnify and hold harmless the City, its officials and employees from and against any and all liability for claims for bodily injury and property damage arising out of negligent acts, omissions or errors of any employee of Contractor at the Site.
- Contractor shall list the name and location of the place of business of each Subcontractor who will perform work, labor or services for Contractor, or who specially fabricates and installs a portion of the Work or improvement in an amount in excess of one-half of one percent of Contractor's total contract cost. The Subcontractor list shall be submitted with Contractor's Bid.

By submitting a signature below, Bidder promises that insurance requirements can be provided as requested.

Printed Name: Gary Peterson Title: President
 Signature: *Gary Peterson* Date: 12/3/18

ATTACHMENT F

SECRETARY OF STATE CERTIFICATION PRINTOUT

<https://businesssearch.sos.ca.gov/>

The screenshot shows the homepage of the California Secretary of State's Business Search website. At the top, there is a navigation bar with links for "Business Search", "Business Entities", "Business Filings", "California Secretary of State", "Business", and "Home". Below this is a search bar with the text "Business Search - Search for...". The main header features the California Secretary of State's seal and the name "Alex Padilla, California Secretary of State". A secondary navigation bar includes links for "About", "Business", "Notary & Authentications", "Elections", "Campaign & Lobbying", "State Archives", "Registries", "News", and "Contact".

The main content area is titled "Business Entities (BE) Business Search". It includes a sidebar with links to "Online Services", "E-File Statements of Information for Corporations", "Business Search", "Processing Times", "Disclosure Search", "Service Options", "Name Availability", "Forms, Samples & Fees", "Statements of Information (annual/biennial reports)", "Filing Tips", "Information Requests (certificates, copies & status reports)", "Service of Process", and "FAQs".

The main text area explains that the search provides access to available information for corporations, limited liability companies, and limited partnerships of record with the California Secretary of State. It includes a list of instructions for conducting a search:

- Select the applicable search type.
- In the "Search Criteria" box, enter the entity name or number you wish to search. Note: If entering the entity number of a corporation, the number must begin with the letter C.
- Select the search filter you wish to use to locate the entity if searching for an entity name.
- Select the Search button.
- For help with searching an entity name or number, refer to [Search Tips](#).

Below the instructions, there is a note: "All fields marked with an asterisk (*) are required." The search form includes a "Search Type *" section with radio buttons for "Search by Corporation Name", "Search by LP/LLC Name", and "Search by Entity Number". The "Search Criteria *" section has a text input box, a "Search Filter" dropdown menu set to "Keyword", and a "Search" button.

Please include a printout from this website with your bid.
Individual and Sole Proprietor businesses are exempt.

Business Search - Entity Detail

The California Business Search is updated daily and reflects work processed through Sunday, December 2, 2018. Please refer to document [Processing Times](#) for the received dates of filings currently being processed. The data provided is not a complete or certified record of an entity. Not all images are available online.

C0691571 AMERICAN LANDSCAPE, INC.

Registration Date:	10/19/1973
Jurisdiction:	CALIFORNIA
Entity Type:	DOMESTIC STOCK
Status:	ACTIVE
Agent for Service of Process:	JAMES MADDOX
	7013 OWENSMOUTH AVE
Entity Address:	CANOGA PARK CA 91303
	7013 OWENSMOUTH AVE
Entity Mailing Address:	CANOGA PARK CA 91303
	7013 OWENSMOUTH AVE
	CANOGA PARK CA 91303



A Statement of Information is due EVERY year beginning five months before and through the end of October.

Document Type	↕ File Date	↕ PDF
SI-NO CHANGE	10/15/2018	
SI-COMPLETE	10/28/2009	
REGISTRATION	10/19/1973	Image unavailable. Please request paper copy.

* Indicates the information is not contained in the California Secretary of State's database.

- If the status of the corporation is "Surrender," the agent for service of process is automatically revoked. Please refer to California Corporations Code [section 2114](#) for information relating to service upon corporations that have surrendered.
- For information on checking or reserving a name, refer to [Name Availability](#).
- If the image is not available online, for information on ordering a copy refer to [Information Requests](#).
- For information on ordering certificates, status reports, certified copies of documents and copies of documents not currently available in the Business Search or to request a more extensive search for records, refer to [Information Requests](#).
- For help with searching an entity name, refer to [Search Tips](#).
- For descriptions of the various fields and status types, refer to [Frequently Asked Questions](#).

[Modify Search](#)

[New Search](#)

[Back to Search Results](#)

09-712764



State of California Secretary of State



103

FILED in the office of the Secretary of State of the State of California

OCT 28 2009

ee This Space For Filing Use Only

STATEMENT OF INFORMATION (Domestic Stock and Agricultural Cooperative Corporations) FEES (Filing and Disclosure): \$25.00. If amendment, see instructions. IMPORTANT - READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

1. CORPORATE NAME (Please do not alter if name is preprinted.) C0691571 American Landscape, Inc. 7013 Owensmouth Ave. Canoga Park, CA 91303

DUE DATE: COMPLETE ADDRESSES FOR THE FOLLOWING (Do not abbreviate the name of the city. Items 2 and 3 cannot be P.O. Boxes.) Table with 4 rows and 4 columns: Item, Street Address, City, State, Zip Code.

NAMES AND COMPLETE ADDRESSES OF THE FOLLOWING OFFICERS (The corporation must have these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.) Table with 3 rows and 5 columns: Item, Name, Address, City, State, Zip Code.

NAMES AND COMPLETE ADDRESSES OF ALL DIRECTORS, INCLUDING DIRECTORS WHO ARE ALSO OFFICERS (The corporation must have at least one director. Attach additional pages, if necessary.) Table with 3 rows and 5 columns: Item, Name, Address, City, State, Zip Code.

11 NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS, IF ANY AGENT FOR SERVICE OF PROCESS (If the agent is an individual, the agent must reside in California and Item 13 must be completed with a California street address (a P.O. Box address is not acceptable). If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to Corporations Code section 1505 and Item 13 must be left blank.) 12 NAME OF AGENT FOR SERVICE OF PROCESS James Maddox 13. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL Table with 4 columns: Item, Street Address, City, State, Zip Code.

TYPE OF BUSINESS 14 DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION Landscape Construction

15 BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS, IS TRUE AND CORRECT 10/20/2009 Gary Peterson President Signature

4/2

09-712764

AMERICAN LANDSCAPE, INC.

STATEMENT OF INFORMATION

ATTACHMENT

NAMES AND COMPLETE ADDRESSES OF ALL DIRECTORS, INCLUDING
DIRECTORS WHO ARE ALSO OFFICERS

Richard C. Price 7013 Owensmouth Ave., Canoga Park, CA 91303

2/2



**State of California
Secretary of State**

S

Statement of Information

(Domestic Stock and Agricultural Cooperative Corporations)

FEES (Filing and Disclosure): \$25.00.

If this is an amendment, see instructions.

IMPORTANT – READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

G110411

FILED

In the office of the Secretary of State
of the State of California

OCT-15 2018

This Space for Filing Use Only

1. CORPORATE NAME

AMERICAN LANDSCAPE, INC.

2. CALIFORNIA CORPORATE NUMBER

C0691571

No Change Statement (Not applicable if agent address of record is a P.O. Box address. See instructions.)

3. If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement of information has been previously filed, this form must be completed in its entirety.

If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to **Item 17**.

Complete Addresses for the Following (Do not abbreviate the name of the city. Items 4 and 5 cannot be P.O. Boxes.)

4. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY	STATE	ZIP CODE
5. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
6. MAILING ADDRESS OF CORPORATION, IF DIFFERENT THAN ITEM 4	CITY	STATE	ZIP CODE

Names and Complete Addresses of the Following Officers (The corporation must list these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

7. CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
8. SECRETARY	ADDRESS	CITY	STATE	ZIP CODE
9. CHIEF FINANCIAL OFFICER/	ADDRESS	CITY	STATE	ZIP CODE

Names and Complete Addresses of All Directors, Including Directors Who are Also Officers (The corporation must have at least one director. Attach additional pages, if necessary.)

10. NAME	ADDRESS	CITY	STATE	ZIP CODE
11. NAME	ADDRESS	CITY	STATE	ZIP CODE
12. NAME	ADDRESS	CITY	STATE	ZIP CODE

13. NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS, IF ANY:

Agent for Service of Process If the agent is an individual, the agent must reside in California and Item 15 must be completed with a California street address, a P.O. Box address is not acceptable. If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to California Corporations Code section 1505 and Item 15 must be left blank.

14. NAME OF AGENT FOR SERVICE OF PROCESS

15. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL CITY STATE ZIP CODE

Type of Business

16. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION

17. BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE, THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS, IS TRUE AND CORRECT.

10/15/2018 JAMES W MADDOX GENERAL COUNSEL
DATE TYPE/PRINT NAME OF PERSON COMPLETING FORM TITLE SIGNATURE

ATTACHMENT G

PROJECT LABOR AGREEMENT (PLA)

PROJECT LABOR AGREEMENT
BY AND BETWEEN
THE CITY OF LONG BEACH
AND
LOS ANGELES/ORANGE COUNTIES
BUILDING AND CONSTRUCTION TRADES COUNCIL
AND THE SIGNATORY CRAFT COUNCILS AND UNIONS

33859

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CITY OF LONG BEACH
PROJECT LABOR AGREEMENT

This Project Labor Agreement ("Agreement") is entered into effective as of May 22, 2015, pursuant to a minute order adopted by the City Council of the City of Long Beach at its meeting held on April 7, 2015, by and between the City of Long Beach, a municipal corporation ("City"), the Los Angeles/Orange Counties Building and Construction Trades Council ("Trades Council"), and the signatory Craft Councils and Local Unions signing this Agreement (collectively, the "Union" or "Unions"). This Agreement establishes the labor relations policies and procedures for the City, the Contractors awarded contracts for Project Work and for the crafts persons employed by the Contractors and represented by the Unions engaged in the Project Work as more fully described below. The City, Trades Council and Unions are hereinafter referred to herein, as the context may require, as "Party" or "Parties."

It is understood by the Parties to this Agreement that for the duration of this Agreement, it shall be the policy of the City for all Project Work to be contracted exclusively to Contractors who agree to execute and be bound by the terms of this Agreement, directly or through the Letter of Assent (a form of which is attached as "**Attachment A**"), and to require each of its subcontractors, of whatever tier, to become bound. The City shall include, directly or by incorporation by reference, the requirements of this Agreement in the advertisement of and/or specifications for each and every contract for Project Work to be awarded by the City.

It is further understood that the City shall actively administer and enforce the obligations of this Agreement to ensure that the benefits envisioned from it flow to all signatory Parties, the Contractors and crafts persons working under it, and the residents of the City. The City shall therefore designate a "PLA Administrator," either from its own staff or an independent contractor, to serve as the City's liaison for Contractors and other persons; monitor compliance with this Agreement; assist, as the authorized representative of the City, in developing and implementing the programs referenced herein, all of which are critical to fulfilling the intent and purposes of the Parties and this Agreement; and to otherwise implement and administer this Agreement. For such purposes, each Contractor recognizes the PLA Administrator, its successors or assigns, as its agent; and together with City and the Unions, the PLA Administrator shall be considered a "negotiating party" of this Agreement.

ARTICLE 1
DEFINITIONS

Section 1.1 "Agreement" or "PLA" means this Project Labor Agreement.

Section 1.2 "Apprentice" means those employees indentured and participating in a Joint Labor/Management Apprenticeship Program approved by the State of California, Department of Industrial Relations, Division of Apprenticeship Standards.

Section 1.3 "Construction Contract" or "Construction Contracts" means any contract entered into by the City, as more fully described in Article 2.

Section 1.4 "Contractor" means any individual firm, partnership or corporation, or combination thereof, including joint ventures, which is an independent business enterprise and which has entered into a Construction Contract with the City or any of its contractors or any of the City's or contractor's subcontractors of any tier, with respect to the construction of any part of a Project under contract terms and conditions approved by the City and which incorporate this Agreement.

Section 1.5 "City" means the City of Long Beach.

Section 1.6 "Joint Labor/Management Apprenticeship Program" means a joint Union and Contractor administered apprenticeship program certified by the State of California, Department of Industrial Relations, Division of Apprenticeship Standards.

Section 1.7 "Letter of Assent" means the document that each Contractor (of any tier) must sign and submit to the City before beginning any Project Work, which formally binds such Contractor(s) to adherence to all the forms, requirements and conditions of this Agreement in the form attached hereto as "Attachment A."

Section 1.8 "Project", "Project Work" or "City Project" means the demolition and construction work to be performed on City property or within easements secured by the City consisting of the construction of public works, pursuant to a Construction Contract entered into by the City, as more fully described in Article 2.

Section 1.9 "Schedule A Agreements" means the local collective bargaining agreements (Master Labor Agreements) of the signatory Unions having jurisdiction over the Project Work and which have signed this Agreement.

Section 1.10 "Subscription Agreement" means the contract between a Contractor and a Union's Labor/Management Trust Fund(s) that allows the Contractor to make the appropriate fringe benefit contributions in accordance with the terms of Schedule A.

Section 1.11 The use of masculine or feminine gender or titles in this Agreement should be construed as including both genders and not as gender limitations unless the Agreement clearly requires a different construction. Further, the use of Article titles and/or Section headings are for information only, and carry no legal significance.

ARTICLE 2 SCOPE OF THE AGREEMENT

Section 2.1 General This Agreement shall apply and is limited to all of the City's Project Work, as specified in Section 2.2 of this Article, performed by those Contractor(s) of whatever tier that have contracts awarded for such work, for the development of the City's facilities which, jointly, constitute the Project, and have been designated by the City for construction or rehabilitation.

Section 2.2 Specific

(a) The work covered by this Agreement shall be limited to any and all demolition, construction and rehabilitation work pursuant to prime multi-trade and specialty contracts and all subcontracts, of whatever tier, that flow from these contracts entered into by the City (excluding City Charter-commissioned departments) that exceed five hundred thousand dollars (\$500,000), and is not intended to, and shall not apply to any work performed at any time prior to the effective date, or after the expiration or termination of this Agreement, except as provided herein, or on other City projects. This Agreement shall in no way limit the City's right to terminate, modify or rescind any construction contract and/or any related subcontract or agreement. Should the City remove or terminate any contract or agreement for construction that does not fall within the scope of this Agreement and thereafter authorize that work be commenced on any contract for such construction, the contract for construction may, at the sole election of the City, be performed under the terms of this Agreement.

Section 2.3 Bundling of Contracts

(a) The City, in its sole discretion, may seek to group (or "bundle") for bidding, contracts not meeting the threshold of Section 2.2 above. (Small contracts for like types of work, scheduled to be undertaken at the same facility or on the same project site, and within the same timeframe, will be considered for such bundling, consistent with economies of scale, and the purposes of this Agreement); and

(b) Project Work will not be intentionally split, divided or otherwise separated for contract award purposes to avoid application of this Agreement.

Section 2.4 Applicability The Parties agree that this Agreement will be made available to, and will fully apply to, any successful bidder for Project Work, without regard to whether that successful bidder performs work at other sites on either a union or non-union basis. This Agreement shall not apply to any work of any Contractor other than that on Project Work specifically covered by this Agreement.

Section 2.5 Exclusions Items specifically excluded from the scope of this Agreement include the following:

(a) Work of non-manual employees, including but not limited to: superintendents; teachers; supervisors (except those covered by Schedule A Agreements above the level of general foreman); staff engineers; time keepers; mail carriers; clerks; office workers; messengers; guards; safety personnel; emergency medical and first aid technicians; and other professional, engineering, executive, administrative, supervisory and management employees;

(b) Equipment and machinery owned or controlled and operated by the City;

(c) All off-site manufacture and handling of materials, equipment or machinery; provided, however, that lay down or storage areas for equipment or material and manufacturing

(prefabrication) sites, dedicated solely to the Project, and the movement of materials or goods between such locations and a Project site are within the scope of this Agreement;

(d) All work performed by City employees, the PLA Administrator, design teams (including, but not limited to architects engineers and master planners), or any other consultants for the City (including, but not limited to, project managers and construction managers and their employees were not engaged in Project Work) and their sub-consultants, and other employees of professional service organizations, not performing manual labor within the scope of this Agreement; provided, however, that it is understood and agreed that Building/Construction Inspector and Field Soils and Materials Testers (Inspectors) not employed by the City are a covered craft under the PLA. (This inclusion applies to the scope of work defined in the State of California Wage Determination for said Craft. This shall also specifically include such work where it is referred to by utilization of such terms as "quality control" or "quality assurance." Every Inspector performing under the Wage classification of Building/Construction Inspector and Field Soils and Material Testers under a professional services agreement of a construction contract shall be bound to all applicable requirements of the PLA.) Covered Work as defined by this Agreement shall be performed pursuant to the terms and conditions of this Agreement regardless of the manner in which the work was awarded;

(e) Any work performed near, or leading to a site of work covered by this Agreement and undertaken by state, county or other governmental bodies, or their Contractors; or by public utilities (including but not limited to Long Beach Water, Southern California Edison, any solar energy provider, etc.), or their Contractors; and/or by adjacent third party landowners; and/or by the City or its Contractors (for work which is not within the scope of this Agreement);

(f) Maintenance of leased equipment and on-site supervision of such work;

(g) Work by employees of a manufacturer or vendor supervising the work of Craft employees under this Agreement, necessary to maintain such manufacturer's or vendor's warranties or guaranty;

(h) Non-construction support services contracted by the City, City consultants, the PLA Administrator, or Contractor in connection with a Project;

(i) Laboratory work for testing;

(j) All work by employees of the City or its contractors involving services, operation and/or general maintenance and/or repair and/or cleaning work;

(k) All work performed in the public right-of-way including, but not limited to streets, gutters, sidewalks, utilities, street lights, traffic signs, storm drains, street medians, public art, except for traffic signals and work performed by Long Beach Gas and Oil including, but not limited to gas pipeline work;

(l) All work pursuant to "as-needed" contracts with the City, including but not limited to individual projects performed under job order contracts (JOCs) that are below the

dollar threshold specified in Section 2.2(a), notwithstanding a total not-to-exceed amount on a JOC above such dollar threshold; and

(m) All transportation of goods and materials to and from the project site. Except in those instances where it is necessary to setup a work area adjacent to the project site, then the transportation of goods and materials from the ancillary site to the project site will be covered under the PLA.

Section 2.6 Awarding of Contracts

(a) The City and/or the Contractors, as appropriate, have the absolute right to award contracts or subcontracts on Project Work to any Contractor notwithstanding the existence or non-existence of any agreements between such Contractor and any Union parties, provided only that such Contractor is ready, willing, and able to execute and comply with this Agreement should such Contractor be awarded work covered by this Agreement.

(b) It is agreed that all Contractors and subcontractors of whatever tier, who have been awarded contracts for work covered by this Agreement, shall be required to accept and be bound to the terms and conditions of this Agreement, and shall evidence their acceptance by the execution of the Letter of Assent set forth in "**Attachment A**" hereto, prior to the commencement of work. At the time that any Contractor enters into a subcontract with any subcontractor of any tier providing for the performance of the construction contract, the Contractor shall provide a copy of this Agreement to said subcontractor and shall require the subcontractor, as a part of accepting the award of a construction subcontract, to agree in writing in the form of a Letter of Assent to be bound by each and every provision of this Agreement prior to the commencement of work on the Project. No Contractor or subcontractor shall commence Project Work without having first provided a copy of the Letter of Assent as executed by it to the PLA Administrator and to the Trades Council before the commencement of Project Work.

(c) The City agrees that to the extent permitted by law and consistent with the economy and efficiency of construction and operation, it will use its best efforts to purchase materials, equipment and supplies which will not create labor strife. Under all circumstances, however, the City shall retain the absolute right to select the lowest reliable and responsible bidder for the award of contracts on all projects.

Section 2.7 Coverage Exception

(a) This Agreement shall not apply if the City receives funding or assistance from any Federal, State, local or other public entity for the Construction Contract if a requirement, condition or other term of receiving that funding or assistance, at the time of the awarding of the contract, is that the City not require, bidders, contractors, subcontractors or other persons or entities to enter into an agreement with one or more labor organizations. The City agrees that it will make every effort to establish the enforcement of this Agreement with any governmental agency or granting authority.

(b) In case of conflict other than those stated in Section 2.7(a), where particular provisions of this Agreement would be prohibited by Federal or State law, or where the application of this Agreement would violate or be inconsistent with the terms, conditions or contingencies of a grant or a contract with an agency of the United States or the State of California, then the PLA Administrator shall adapt requirements of this Agreement into a set of contract provisions that advance the purposes of this Agreement to the maximum extent feasible without conflicting with Federal or State law or with terms, conditions or contingencies of the State or Federal grant or contract in question. The City shall include this set of contract provisions in the public works or improvement contract with regard to the project or portions of the project for which this Agreement would conflict with Federal or State requirements.

(c) Should City partner with another public agency wherein City and such other public agency jointly fund or construct a Project which would otherwise be considered a "Covered Project" under the terms of this Agreement, the Unions agree to meet and discuss the application of the terms and conditions of this Agreement to such other Project with such other public agency. In the event the public agency partner does not agree to be bound by the terms of this Agreement, the said project shall be exempt from this Agreement.

(d) The Parties or the Trades Council, together and/or separately, shall not be precluded from entering into other project labor agreements, that are separate and apart from this Agreement, for specific City projects including but not limited to future projects for the new Long Beach Civic Center and/or Belmont Plaza Pool, which may supersede and override this Agreement in its entirety.

Section 2.8 Schedule A's

(a) The provisions of this Agreement, including the Schedule A's (which are the local Master Labor Agreements of the signatory Unions having jurisdiction over the work on the Project, as such may be changed from time-to-time and which are incorporated herein by reference), shall apply to the work covered by this Agreement, notwithstanding the provisions of any other local, area and/or national agreement which may conflict with or differ from the terms of this Agreement. However, such does not apply to work performed under the National Cooling Tower Agreement, the National Stack Agreement, the National Transit Division Agreement (NTD), or within the jurisdiction of the International Union of Elevator Constructors and all instrument calibration and loop checking work performed under the terms of the UA/IBEW Joint National Agreement for Instrument and Control Systems Technicians, except that Articles dealing with Work Stoppages and Lock-Outs, Work Assignments and Jurisdictional Disputes, and Settlement of Grievances and Disputes shall apply to such work. It is specifically agreed that no later agreement shall be deemed to have precedence over this Agreement unless signed by all Parties signatory hereto who are then currently employed or represented at the Project. Where a subject covered by the provisions of this Agreement is also covered by a Schedule A, the provisions of this Agreement shall apply. Where a subject is covered by a provision of a Schedule A and not covered by this Agreement, the provisions of the Schedule A shall prevail. Any dispute as to the applicable source between this Agreement and any Schedule A for determining the wages, hours of working conditions of employees on this Project shall be resolved under the procedures established in Article 10.

(b) It is understood that this Agreement, together with the referenced Schedule A's, constitutes a self-contained, stand-alone agreement and by virtue of having become bound to this Agreement, the Contractor will not be obligated to sign any other local, area or national collective bargaining agreement as a condition of performing work within the scope of this Agreement (provided, however, that the Contractor may be required to sign a uniformly applied, non-discriminatory Participation or Subscription Agreement at the request of the trustees or administrator of a trust fund established pursuant to Section 302 of the Labor Management Relations Act, and to which such Contractor is bound to make contributions under this Agreement, provided that such Participation Agreement does not purport to bind the Contractor beyond the terms and conditions of this Agreement and/or expand its obligation to make contributions pursuant thereto). It shall be the responsibility of the prime Contractor to have each of its subcontractors sign the documents described herein, with the appropriate Craft Union prior to the subcontractor beginning work on covered Projects.

Section 2.9 Workers' Compensation Carve-out The Parties recognize the potential which the Project Work may provide for the implementation of a cost effective workers' compensation system, as permitted by revised California Labor Code Section 3201.5, and it is understood that the City is in an ongoing review of the value of such a program. Should the City request, the Union parties agree to meet and negotiate in good faith with representatives of the City for the development, and subsequent implementation, of an effective program involving improved and revised dispute resolution and medical care procedures for the delivery of workers' compensation benefits and medical coverage as permitted by the California Labor Code.

Section 2.10 Binding Signatories Only This Agreement shall only be binding on the signatory Parties hereto, and shall not apply to the parents, affiliates, subsidiaries, or other ventures of any such Party not performing Project Work.

Section 2.11 Other City Work This Agreement shall be limited to the construction work within the scope of this Agreement including, specifically, site preparation and related demolition work, and new construction and major rehabilitation work for new or existing facilities referenced in Section 2.2 above. Nothing contained herein shall be interpreted to prohibit, restrict, or interfere with the performance of any other operation, work or function not covered by this Agreement, which may be performed by City employees or contracted for by the City for its own account, on its property or in and around a Project site.

Section 2.12 Separate Liability It is understood that the liability of the Contractor(s) and the liability of the separate Unions under this Agreement shall be several and not joint. The Unions agree that this Agreement does not have the effect of creating any joint employment status between or among the City or PLA Administrator and/or any Contractor.

Section 2.13 Completed Project Work As areas of covered work are accepted by the City, this Agreement shall have no further force or effect on such items or areas except where the Contractor is directed by the City or its representatives to engage in repairs, modification, check-out and/or warranties functions required by its contract(s) with the City.

Section 2.14 Progress Reports City staff will provide annual reports to the City Council detailing the progress made in meeting the stated goals of this Agreement.

ARTICLE 3
UNION RECOGNITION AND EMPLOYMENT

Section 3.1 Recognition The Contractor recognizes the Trades Council and the Unions as the sole and exclusive bargaining representative for the employees engaged in Project Work. Contractors further recognize that the Unions shall be the primary source of all craft labor employed on the Projects. In the event that a Contractor has its own core workforce, said Contractor shall follow the procedures outlined below.

Section 3.2 Contractor Selection of Employees The Contractor shall have the right to determine the competency of all employees, the number of employees required, the duties of such employees within their craft jurisdiction, and shall have the sole responsibility for selecting employees to be laid off, consistent with Section 3.3 and Section 4.3, below. The Contractor shall also have the right to reject any applicant referred by a Union for any reason, subject to any reporting pay required by Section 6.6; provided, however, that such right is exercised in good faith and not for the purpose of avoiding the Contractor's commitment to employ qualified workers through the procedures endorsed in this Agreement.

Section 3.3 Referral Procedures

(a) For signatory Unions now having a job referral system contained in a Schedule A, the Contractor agrees to comply with such system and it shall be used exclusively by such Contractor, except as modified by this Agreement. Such job referral system will be operated in a nondiscriminatory manner and in full compliance with federal, state, and local laws and regulations which require equal employment opportunities and non-discrimination. All of the foregoing hiring procedures, including related practices affecting apprenticeship, shall be operated so as to consider the goals of the City to encourage employment of City residents and utilization of small local businesses on the Project, and to facilitate the ability of all Contractors to meet their employment needs.

(b) The local Unions will exert their best efforts to recruit and refer sufficient numbers of skilled craft workers to fulfill the labor requirements of the Contractor, including specific employment obligations to which the Contractor may be legally and/or contractually obligated; and to refer apprentices as requested to develop a larger, skilled workforce. The Unions will work with their affiliated regional and national unions, and jointly with the PLA Administrator and others designated by the City, to identify and refer competent craft persons as needed for Project Work, and to identify and hire individuals, particularly residents of the City, for entrance into joint labor/management apprenticeship programs, or to participate in other identified programs and procedures to assist individuals in qualifying and becoming eligible for such apprenticeship programs, all maintained to increase the available supply of skilled craft personnel for Project Work and future construction of maintenance work to be undertaken by the City.

(c) The Union shall not knowingly refer an employee currently employed by a Contractor on a covered Project to any other Contractor.

Section 3.4 Non-Discrimination in Referral, Employment, and Contracting The Unions and Contractors agree that they will not discriminate against any employee or applicant for employment in hiring and dispatching on the basis of race, color, religion, sex, gender, national origin, age, membership in a labor organization, sexual orientation, political affiliation, marital status or disability. Further, it is recognized that the City has certain policies, programs, and goals for the utilization of local small business enterprises. The Parties shall jointly endeavor to assure that these commitments are fully met, and that any provisions of this Agreement which may appear to interfere with local small business enterprises successfully bidding for work within the scope of this Agreement shall be carefully reviewed, and adjustments made as may be appropriate and agreed upon among the Parties, to ensure full compliance with the spirit and letter of the City's policies and commitment to its goals for the significant utilization of local small businesses as direct Contractors or suppliers for Project Work.

Section 3.5 Employment of City Residents

(a) The Unions and Employers agree that, to the extent allowed by law, and as long as they possess the requisite skills and qualifications, the Unions will exert their best efforts to refer and/or recruit sufficient numbers of skilled craft "Local Residents" as defined herein, to fulfill the requirements of the Employers. In recognition of the fact that the City and the communities surrounding Project Work will be impacted by the construction of the Project Work, the parties agree to support the hiring of workers from the residents of these surrounding areas. Towards that end, the Unions shall exert their best efforts to encourage and provide referrals and utilization of qualified workers residing in those first tier zip codes which include all of the City of Long Beach, as set forth in "**Attachment B**" attached hereto. If the Unions cannot provide the Employers in the attainment of a sufficient number of Local Residents from within the first tier zip codes, the Unions shall exert their best efforts to then recruit and identify for referral Local Residents residing in second tier zip codes which reflect the Gateway Cities, as set forth in "**Attachment B**" attached hereto. If the Unions still have not provided the Employers in the attainment of a sufficient number of Local Residents, the Unions shall then exert their best efforts to recruit and identify for referral Local Residents residing within Orange and Los Angeles counties.

(1) Where Project Work is funded in full or in part by State of California Tideland funds, the term Local Resident, as used in this section, shall mean an individual whose primary place of residence is within the Counties of Los Angeles or Orange.

(b) A goal of 40% of the total work hours shall be from workers residing within the areas described in (a) above.

(c) The City is in the process of establishing referral mechanisms to ensure the recruitment, training and placement of disadvantaged residents and veterans into apprentice programs, with a goal of 10% of such disadvantaged residents and veterans being placed from such programs. "Disadvantaged Worker" means an individual whose income as an unrelated

individual or whose family income is below seventy percent (70%) of the Lower Living Standard Income Level as determined and published by the United States Department of Labor applicable to the area in which the individual resides, and as verified by the Pacific Gateway Workforce Investment Network. The Unions and Contractors agree to work with the PLA Administrator and use their best efforts to integrate such mechanisms for acceptance and entry into their apprenticeship programs.

(d) The Trades Council agrees to support the operation of pre-apprentice referral programs in Long Beach. Further, the Unions agree to place on their referral roles or in their apprentice training programs, as appropriate and needed, qualified persons sent to them by designated City organizations or other organizations working with the City to increase construction industry work opportunities for City residents. This shall include, but not limited to, those individuals who have successfully completed the City's Construction Apprenticeship Program (CAP), the Long Beach Unified School District's Architecture, Construction and Engineering Academy (ACE), or the construction trades pre-apprenticeship training program and construction courses sponsored by Long Beach City College, such individuals, however, must meet the qualifications and minimum requirements for the respective craft Union, or their respective apprentice or training programs, in order to be placed on the referral roles or placed into such apprenticeship or training programs. Such placement is subject to the individuals compliance with Section 3.11, below.

Section 3.6 Requirements on Contractors

(a) To facilitate the dispatch of local residents, disadvantaged workers and veterans, all Contractors will be required to utilize the Craft Employee Request Form whenever they are requesting the referral of any employee from a Union referral list for any Covered Project, a sample of which is attached as "**Attachment C.**" When local residents, disadvantaged workers and veterans are requested by the Employers, the Unions will refer such workers regardless of their place in the Unions' hiring halls' list and normal referral procedures.

(b) On construction contracts that exceed ten million dollars (\$10,000,000), the prime contractor shall be required to hire a "Jobs Coordinator" who shall provide additional outreach efforts in connecting Long Beach residents with job opportunities. The term Jobs Coordinator means the Contractor's designated person, agent or agency that will facilitate the local hire referral process with the City, Unions and other referral organization.

Section 3.7 Helmets to Hardhats The Employers and the Unions recognize a desire to facilitate the entry into the building and construction trades of veterans who are interested in careers in the building and construction industry. The employers and Unions agree to utilize the services of the Center for Military Recruitment, Assessment and Veterans Employment (hereinafter "Center") and the Center's "Helmets to Hardhats" program to serve as a resource for preliminary orientation, assessment of construction aptitude, referral to apprenticeship programs or hiring halls, counseling and mentoring, support network, employment opportunities and other needs as identified by the Parties. For purposes of this Agreement the term "Eligible Veteran" shall have the same meaning as the term "veteran" as defined under Title 5, Section 2108(1) of the United States Code as the same may be amended or re-codified from time to time. It shall be

the responsibility of each qualified applicant to provide the Unions with proof of his/her status as an Eligible Veteran.

The Unions and Employers agree to coordinate with the Center to create and maintain an integrated database of veterans interested in working on this Project and of apprenticeship and employment opportunities for this Project. To the extent permitted by law, the Unions will give credit to such veterans for bona fide, provable past experience.

Section 3.8 Core Employees

(a) Except as otherwise provided in separate collective bargaining agreement(s) to which the Contractor is signatory, Contractors may employ, as needed, first, a member of his core workforce, then an employee through a referral from the appropriate Union hiring hall, then a second core employee, then a second employee through the referral system, and so on until a maximum of five (5) core employees are employed, thereafter, all additional employees in the affected trade or craft shall be requisitioned from the craft hiring hall in accordance with Section 3.3. In the laying off of employees, the number of core employees shall not exceed one-half plus one of the workforce for an employer with 10 or fewer employees, assuming the remaining employees are qualified to undertake the work available. This provision applies only to employees not currently working under a current Schedule A Agreement and is not intended to limit the transfer provisions of the Schedule A Agreement of any trade. As part of this process, and in order to facilitate the contract administration procedures, as well as appropriate fringe benefit fund coverage, all Contractors shall require their core employees and any other persons employed other than through the referral process, to register with the appropriate Union hiring hall, if any, prior to their first day of employment at a project site.

(b) The core work force is comprised of those employees whose names appeared on the Contractor's active payroll for sixty (60) of the one hundred (100) working days immediately before award of Project Work to the Contractor; who possess any license required by state or federal law for the Project Work to be performed; who have the ability to safely perform the basic functions of the applicable trade and who have been residing within the first or second tier zip codes described in Section 3.5(a) for the one hundred (100) working days immediately prior to the award of Project Work to the Contractor.

(c) Prior to each Contractor performing any work on the Project, each Contractor shall provide a list of his core employees to the PLA Administrator and the Trades Council. Failure to do so will prohibit the Contractor from using any core employees. Upon request by any Party to this Agreement, the Contractor hiring any core employee shall provide satisfactory proof (i.e., payroll records, quarterly tax records, driver's license, voter registration, postal address and such other documentation) evidencing the core employee's qualification as a core employee to the PLA Administrator and the Trades Council.

(d) The provisions of this Section 3.8 shall only apply to employees who are not working under the terms of a Schedule A Agreement at the time of their transfer to work covered under this Agreement and is not intended to limit the transfer provisions of the Schedule A Agreements of any of the Unions signatory hereto.

Section 3.9 Time for Referral If any Union's registration and referral system does not fulfill the requirements for specific classifications requested by any Contractor within forty-eight (48) hours (excluding Saturdays, Sundays and holidays), that Contractor may use employment sources other than the Union registration and referral services, and may employ applicants meeting such standards from any other available source. The Contractors shall inform the Union of any applicants hired from other sources within forty-eight (48) hours of such applicant being hired, and such applicants shall register with the appropriate hiring hall, if any, before commencing work.

Section 3.10 Lack of Referral Procedure If a signatory Union does not have a job referral system as set forth in Section 3.3 above, the Contractors shall give the Union equal opportunity to refer applicants. Contractors shall notify the Union of employees so hired, as set forth in Section 3.5.

Section 3.11 Union Membership No employee covered by this Agreement shall be required to join any Union as a condition of being employed, or remaining employed, for the completion of Project Work; provided, however, that any employee who is a member of the referring Union at the time of referral shall maintain that membership in good standing while employed under this Agreement. All employees shall, however, be required to comply with the Union security provisions of the applicable Schedule A for the period during which they are performing on-site Project Work to the extent, as permitted by law, of rendering payment of the applicable monthly and working dues only, as uniformly required of all craft employees while working on the Project and represented by the applicable signatory Union.

Section 3.12 Individual Seniority Except as provided in Section 4.3, individual seniority shall not be recognized or applied to employees working on the Project; provided, however, that group and/or classification seniority in a Union's Schedule A as of the effective date of this Agreement shall be recognized for purposes of layoffs.

Section 3.13 Foremen The selection and number of craft foreman and/or general foreman shall be the responsibility of the Contractor. All foremen shall take orders exclusively from the designated Contractor representatives. Craft foreman shall be designated as working foreman at the request of the Contractors.

Section 3.14 Out of State Workers In determining compliance with the targeted hiring goals of Section 3.5 above, hours of Project Work performed by residents of states other than California will be excluded from the calculation.

ARTICLE 4 UNION ACCESS AND STEWARDS

Section 4.1 Access to Project Sites Authorized representatives of the Union shall have access to Project Work, provided that they do not interfere with the work of employees and further provided that such representatives fully comply with posted visitor, security and safety rules.

Section 4.2 Stewards

(a) Each signatory Union shall have the right to dispatch a working journeyperson as a steward for each shift, and shall notify the Contractor in writing of the identity of the designated steward or stewards prior to the assumption of such person's duties as steward. Such designated steward or stewards shall not exercise any supervisory functions. There will be no non-working stewards. Stewards will receive the regular rate of pay for their respective crafts.

(b) In addition to his/her work as an employee, the steward should have the right to receive, but not to solicit, complaints or grievances and to discuss and assist in the adjustment of the same with the employee's appropriate supervisor. Each steward should be concerned only with the employees of the steward's Contractor and, if applicable, subcontractor(s), and not with the employees of any other Contractor. A Contractor will not discriminate against the steward in the proper performance of his/her Union duties.

(c) When a Contractor has multiple, non-contiguous work locations at one site, the Contractor may request and the Union shall appoint such additional working stewards as the Contractor requests to provide independent coverage of one or more such locations. In such cases, a steward may not service more than one work location without the approval of the Contractor.

(d) The stewards shall not have the right to determine when overtime shall be worked or who shall work overtime.

Section 4.3 Steward Layoff/Discharge Contractor agrees to notify the appropriate Union twenty-four (24) hours before the layoff of a steward, except in the case of disciplinary discharge for just cause. If the steward is protected against such layoff by the provisions of the applicable Schedule A, such provisions shall be recognized when the steward possesses the necessary qualifications to perform the remaining work. In any case in which the steward is discharged or disciplined for just cause, the appropriate Union will be notified immediately by the Contractor, and such discharge or discipline shall not become final (subject to any later filed grievance) until twenty-four (24) hours after such notice has been given.

Section 4.4 Employees on Non-Project Work On work where the personnel of the City may be working in close proximity to the construction activities covered by this Agreement, the Union agrees that the Union representatives, stewards, and individual workers will not interfere with the City personnel, or with personnel employed by the any other employer not a Party to this Agreement.

ARTICLE 5 WAGES AND BENEFITS

Section 5.1 Wages All employees covered by this Agreement shall be classified in accordance with work performed and paid by the Contractors the hourly wage rates for those classifications in compliance with the applicable prevailing wage rate determination established

pursuant to applicable law. If a prevailing rate increases under law, the Contractor shall pay that rate as of its effective date under the law. This Agreement does not relieve Contractors from any independent contractual or other obligation they may have to pay wages in excess of the prevailing wage rate as required.

Section 5.2 Benefits

(a) Contractors shall pay contributions to the established employee benefit funds in the amounts designated in the appropriate Schedule A and make all employee-authorized deductions in the amounts designated in the appropriate Schedule A, however, such contributions shall not exceed the contribution amounts set forth in the applicable prevailing wage determination. Notwithstanding Section 2.8(a), Contractors directly signatory to one or more of the Schedule A Agreements are required to make all contributions set forth in those Schedule A Agreements without reference to the foregoing. Bona fide jointly-trusted benefit plans or authorized employee deduction programs established or negotiated under the applicable Schedule A or by the Parties to this Agreement during the life of this Agreement may be added.

(b) The Contractor adopts and agrees to be bound by the written terms of the applicable, legally established, trust agreement(s) specifying the detailed basis on which payments are to be made into, and benefits paid out of, such trust funds for its employees. The Contractor authorizes the Parties to such trust funds to appoint trustees and successor trustees to administer the trust funds and hereby ratifies and accepts the trustees so appointed as if made by the Contractor.

(c) Each Contractor and subcontractor is required to certify to the PLA Administrator that it has paid all benefit contributions due and owing to the appropriate Trust(s) prior to the receipt of its final payment and/or retention. Further, upon timely notification by a Union to the PLA Administrator, the PLA Administrator shall work with any prime Contractor or subcontractor who is delinquent in payments to assure that proper benefit contributions are made, to the extent of requesting the City or the prime Contractor to withhold payments otherwise due such Contractor, until such contributions have been made or otherwise guaranteed.

Section 5.3 Wage Premiums Wage premiums, including but not limited to pay based on height of work, hazard pay, scaffold pay and special skills shall not be applicable to work under this Agreement, except to the extent provided for in any applicable prevailing wage determination.

ARTICLE 6

HOURS OF WORK, OVERTIME, SHIFTS AND HOLIDAYS

Section 6.1 Hours of Work Eight (8) hours per day between the hours of 6:00 a.m. and 5:30 p.m., plus one-half (½) hour unpaid lunch approximately mid-way through the shift, shall constitute the standard work day. Forty (40) hours per week shall constitute a regular week's work. The work week will start on Sunday and conclude on Saturday. The foregoing provisions of this Article are applicable unless otherwise provided in the applicable prevailing wage determination, or unless changes are permitted by law and such are agreed upon by the Parties.

Nothing herein shall be construed as guaranteeing any employee eight (8) hours per day or forty (40) hours per week, or a Monday through Friday standard work schedule.

Section 6.2 Place of Work Employees shall be at their place of work (as designated by the Contractor), at the starting time and shall remain at their place of work, performing their assigned functions, until quitting time. The place of work is defined as the gang or tool box or equipment at the employee's assigned work location or the place where the foreman gives instructions. The Parties reaffirm their policy of a fair day's work for a fair day's wage. Except as indicated in Section 6.6, there shall be no pay for time not worked unless the employee is otherwise engaged at the direction of the Contractor.

Section 6.3 Overtime Overtime shall be paid in accordance with the requirements of the applicable prevailing wage determination. There shall be no restriction on the Contractor's scheduling of overtime or the nondiscriminatory designation of employees who will work overtime. There shall be no pyramiding of overtime (payment of more than one form of overtime compensation for the same hour) under any circumstances.

Section 6.4 Shifts and Alternate Work Schedules

(a) Alternate starting and quitting time and/or shift work may be performed at the option of the Contractor upon three (3) days' prior notice to the affected Union(s), unless a shorter notice period is provided for in the applicable Schedule A. If two shifts are worked, each shall consist of eight (8) hours of continuous work exclusive of a one-half (½) hour non-paid lunch period, for eight (8) hours pay. The last shift shall start on or before 6:00 p.m. The first shift starting at or after 6:00 a.m. is designated as the first shift, with the second shift following.

(b) Contractors, the Trades Council and the Union recognize the economic impact upon the City and City residents of the Project being undertaken by the City and agree that all Parties to this Agreement desire and intend Project Work to be undertaken in a cost efficient and effective manner to the highest standard of quality and craftsmanship. Recognizing the economic conditions, the Parties agree that, except to the extent permitted by law, employees performing Project Work shall not be entitled to any differentials or additional pay based upon the shift or work schedule of the employees. Instead, all employees working on Project Work shall be paid at the same base rate regardless of shift or work schedule worked.

(c) Because of operational necessities, the second shift may, at the City's direction, be scheduled without the preceding shift having been worked. It is recognized that the City's operations and/or mitigation obligations may require restructuring of normal work schedules. Except in an emergency or when specified in the City's bid specification, the Contractor shall give affected Union(s) at least three (3) days' notice of such schedule changes.

Section 6.5 Holidays Recognized holidays on this Project shall be those set forth and governed by the prevailing wage determination(s) applicable to this Project

Section 6.6 Show-up Pay

(a) Except as otherwise required by State law, Employees reporting for work and for whom no work is provided, except when given prior notification not to report to work, shall receive two (2) hours pay at the regular straight time hourly rate. Employees who are directed to start work shall receive four (4) hours of pay at the regular straight time hourly rate. Employees who work beyond four (4) hours shall be paid for actual hours worked. Whenever reporting pay is provided for employees, they will be required to remain at the Project Site and available for work for such time as they receive pay, unless released earlier by the principal supervisor of the Contractor(s) or his/her designated representative. Each employee shall furnish his/her Contractor with his/her current address and telephone number, and shall promptly report any changes to the Contractor.

(b) An employee called out to work outside of his/her shift shall receive a minimum of two (2) hours pay at the appropriate rate. This does not apply to time worked as an extension of (before or after) the employee's normal shift.

(c) When an employee leaves the job or work location of his/her own volition, or is discharged for cause or is not working as a result of the Contractor's invocation of Article XII, Section 12.3, the employee shall only be paid for actual time worked.

Section 6.7 Meal Periods The Contractor will schedule a meal period of no more than one-half hour duration at the work location at approximately mid-point of the schedule shift; provided, however, that the Contractor may, for efficiency of the operation, establish a schedule which coordinates the meal periods of two or more crafts. An employee may be required to work through his meal period because of an emergency or a threat to life or property, or for such other reasons as are in the applicable Schedule A, and if he is so required, he shall be compensated in the manner established in the applicable Schedule A.

Section 6.8 Make-up Days To the extent permitted by the applicable general wage determination, when an employee has been prevented from working for reasons beyond the control of the employer, including, but not limited to inclement weather or other natural causes, during the regularly scheduled work week, a make-up day may be worked on a non-regularly scheduled work day for which an employee shall receive eight (8) hours pay at the straight time rate of pay or any premium rate required for such hours under the state prevailing wage law.

ARTICLE 7
WORK STOPPAGES AND LOCK-OUTS

Section 7.1 No Work Stoppages or Disruptive Activity The Trades Council and the Unions signatory hereto agree that neither they, and each of them, nor their respective officers or agents or representatives, shall incite or encourage, condone or participate in any strike, walk-out, slow-down, picketing, observing picket lines or other activity of any nature or kind whatsoever, for any cause or dispute whatsoever with respect to or in any way related to Project Work, or which interferes with or otherwise disrupts, Project Work, or with respect to or related to the City or Contractors or subcontractors, including, but not limited to, economic strikes, unfair labor

practice strikes, safety strikes, sympathy strikes and jurisdictional strikes whether or not the underlying dispute is arbitrable. Any such actions by the Trades Council, or Unions, or their members, agents, representatives or the employees they represent shall constitute a violation of this Agreement. The Trades Council and the Union shall take all steps necessary to obtain compliance with this Article and neither should be held liable for conduct for which it is not responsible.

Section 7.2 Employee Violations The Contractor may discharge any employee violating Section 7.1 above and any such employee will not be eligible for rehire under this Agreement.

Section 7.3 Standing to Enforce The City, the PLA Administrator, or any Contractor affected by an alleged violation of Section 7.1 shall have standing and the right to enforce the obligations established therein.

Section 7.4 Expiration of Schedule A's If the Schedule A Agreement, or any local, regional, and other applicable collective bargaining agreements expire during the term of the Project, the Union(s) agree that there shall be no work disruption of any kind as described in Section 7.1 above as a result of the expiration of any such agreement(s) having application on this Project and/or failure of the involved Parties to that agreement to reach a new contract. Terms and conditions of employment established and set at the time of bid shall remain established and set. Otherwise to the extent that such agreement does expire and the Parties to that agreement have failed to reach concurrence on a new contract, work will continue on the Project on one of the following two (2) options, both of which will be offered by the Unions involved to the Contractors affected:

(a) Each of the Unions with a contract expiring must offer to continue working on the Project under interim agreements that retain all the terms of the expiring contract, except that the Unions involved in such expiring contract may each propose wage rates and employer contribution rates to employee benefit funds under the prior contract different from what those wage rates and employer contributions rates were under the expiring contracts. The terms of the Union's interim agreement offered to Contractors will be no less favorable than the terms offered by the Union to any other employer or group of employers covering the same type of construction work in Los Angeles County.

(b) Each of the Unions with a contract expiring must offer to continue working on the Project under all the terms of the expiring contract, including the wage rates and employer contribution rates to the employee benefit funds, if the Contractor affected by that expiring contract agrees to the following retroactive provisions: if a new Schedule A Agreement, local, regional or other applicable labor agreement for the industry having application at the Project is ratified and signed during the term of this Agreement and if such new labor agreement provides for retroactive wage increases, then each affected Contractor shall pay to its employees who performed work covered by this Agreement at the Project during the hiatus between the effective dates of such expired and new labor agreements, an amount equal to any such retroactive wage increase established by such new labor agreement, retroactive to whatever date is provided by the new labor agreement for such increase to go into effect, for each employee's hours worked

on the Project during the retroactive period. All Parties agree that such affected Contractors shall be solely responsible for any retroactive payment to its employees.

(c) Some Contractors may elect to continue to work on the Project under the terms of the interim agreement option offered under paragraph (a) above and other Contractors may elect to continue to work on the Project under the retroactivity option offered under paragraph (b) above. To decide between the two options, Contractors will be given one week after the particular labor agreement has expired or one week after the Union has personally delivered to the Contractors in writing its specific offer of terms of the interim agreement pursuant to paragraph (a) above, whichever is the later date. If the Contractor fails to timely select one of the two options, the Contractor shall be deemed to have selected option (b).

Section 7.5 No Lockouts Contractors shall not cause, incite, encourage, condone or participate in any lock-out of employees with respect to Project Work during the term of this Agreement. The term "lock-out" refers only to a Contractor's exclusion of employees in order to secure collective bargaining advantage, and does not refer to the discharge, termination or layoff of employees by the Contractor for any reason in the exercise of rights pursuant to any provision of this Agreement, or any other agreement, nor does "lock-out" include the City's decision to stop, suspend or discontinue any Project Work or any portion thereof for any reason.

Section 7.6 Best Efforts to End Violations

(a) If a Contractor contends that there is any violation of this Article or Section 8.3, it shall notify, in writing, the Executive Secretary of the Trades Council, the Senior Executive of the involved Union(s) and the PLA Administrator. The Executive Secretary and the leadership of the involved Union(s) will immediately instruct, order and use their best efforts to cause the cessation of any violation of the relevant Article.

(b) If the Union contends that any Contractor has violated this Article, it will notify that the Contractor and the PLA Administrator, setting forth the facts which the Union contends violate the Agreement, at least twenty-four (24) hours prior to invoking the procedures of Section 7.8. The PLA Administrator shall promptly order the involved Contractor(s) to cease any violation of the Article.

Section 7.7 Withholding of services for failure to pay wages and fringe benefits

Notwithstanding any provision of this Agreement to the contrary, it shall not be a violation of this Agreement for any Union to withhold the services of its members (but not the right to picket) from a particular Contractor who:

(a) fails to timely pay its weekly payroll; or

(b) fails to make timely payments to the Union's Joint Labor/Management Trust Funds in accordance with the provisions of the applicable Schedule A Agreements. Prior to withholding its members services for the Contractor's failure to make timely payments to the Union's Joint Labor/Management Trust Funds, the Union shall give at least ten (10) days (unless

a lesser period of time is provided in the Union's Schedule A Agreement, but in no event less than forty-eight (48) hours) written notice of such failure to pay by registered or certified mail, return receipt requested, and by facsimile transmission to the involved Contractor and to the City. Union will meet within the ten (10) day period to attempt to resolve the dispute.

(c) Upon the payment of the delinquent Contractor of all monies due and then owing for wages and/or fringe benefit contributions, the Union shall direct its members to return to work and the Contractor shall return all such members back to work.

Section 7.8 Expedited Enforcement Procedure Any party, including the City, which the Parties agree is a Party to the Agreement for purposes of this Article and an intended beneficiary of this Article, or the PLA Administrator, may institute the following procedures, in lieu of or in addition to any other action at law or equity, when a breach of Section 7.1 or 7.5, above, or Section 8.3 is alleged.

(a) The Party invoking this procedure shall notify the person named in "**Attachment D**", who has been selected by the negotiating Parties, and whom the Parties agree shall be the permanent arbitrator under this procedure. If the permanent arbitrator is unavailable at any time, the party invoking this procedure shall notify one of the alternates selected by the Parties, as set forth under section 10.2, Step 3 (a), in that order on an alternating basis. Expenses incurred in arbitration shall be borne equally by the Parties involved in the arbitration and the decision of the arbitrator shall be final and binding on the Parties, provided, however, that the arbitrator shall not have the authority to alter or amend or add to or delete from the provisions of this Agreement in any way. Notice to the arbitrator shall be by the most expeditious means available, with notices to the Parties alleged to be in violation, and to the Trades Council if it is a Union alleged to be in violation. For purposes of this Article, written notice may be given by telegram, facsimile, hand delivery or overnight mail and will be deemed effective upon receipt.

(b) Upon receipt of said notice, the arbitrator named above or his/her alternate shall sit and hold a hearing within twenty-four (24) hours if it is contended that the violation still exists, but not sooner than twenty-four (24) hours after notice has been dispatched to the Executive Secretary and the Senior Official(s) as required by Section 7.6, as above.

(c) The arbitrator shall notify the Parties of the place and time chosen for this hearing. Said hearing shall be completed in one session, which, with appropriate recesses at the arbitrator's discretion, shall not exceed 24 hours unless otherwise agreed upon by all Parties. A failure of any Party or Parties to attend said hearings shall not delay the hearing of evidence or the issuance of any award by the arbitrator.

(d) The sole issue at the hearing shall be whether or not a violation of Sections 7.1 or 7.5, above, or Section 8.3 has in fact occurred. The arbitrator shall have no authority to consider any matter in justification, explanation or mitigation of such violation or to award damages, (except for damages as set forth in 7.8 below) which issue is reserved for court proceedings, if any. The award shall be issued in writing within three (3) hours after the close of the hearing, and may be issued without an opinion. If any Party desires a written opinion, one shall be issued within fifteen (15) days, but its issuance shall not delay compliance with, or enforcement of, the

Award. The arbitrator may order cessation of the violation of the Article and other appropriate relief, and such award shall be served on all Parties by hand or registered mail upon issuance.

(e) Such award shall be final and binding on all Parties and may be enforced by any court of competent jurisdiction upon the filing of this Agreement and all other relevant documents referred to herein above in the following manner. Written notice of the filing of such enforcement proceedings shall be given to the other Party. In any judicial proceeding to obtain a temporary order enforcing the arbitrator's award as issued under Section 7.7(d) of this Article, all Parties waive the right to a hearing and agree that such proceedings may be ex parte. Such agreement does not waive any Party's right to participate in a hearing for a final order of enforcement. The court's order or orders enforcing the arbitrator's award shall be served on all Parties by hand or by delivery to their address as shown on this Agreement (for a Union), as shown on their business contract for work under this Agreement (for a Contractor) and to the representing Union (for an employee), by certified mail by the Party or Parties first alleging the violation.

(f) Any rights created by statute or law governing arbitration proceedings inconsistent with the above procedure or which interfere with compliance hereto are hereby waived by the Parties to whom they accrue.

(g) The fees and expenses of the arbitrator shall be equally divided between the Party or Parties initiating this procedure and the respondent Party or Parties.

ARTICLE 8 WORK ASSIGNMENTS AND JURISDICTIONAL DISPUTES

Section 8.1 Assignment of Work The assignment of Project Work will be solely the responsibility of the Employer performing the work involved; and such work assignments will be in accordance with the Plan for the Settlement of Jurisdictional Disputes in the Construction Industry (the "Plan") or any successor Plan.

Section 8.2 The Plan All jurisdictional disputes on this Project between or among the building and construction trades Unions and the Employers parties to this Agreement, shall be settled and adjusted according to the present Plan established by the Building and Construction Trades Department or any other plan or method of procedure that may be adopted in the future by the Building and Construction Trades Department. Decisions rendered shall be final, binding and conclusive on the Employers and Unions parties to this Agreement.

(a) If a dispute arising under this Article involves the Southwest Regional Council of Carpenters or any of its subordinate bodies, an Arbitrator shall be chosen by the procedures specified in Article V, Section 5, of the Plan from a list composed of John Kagel, Thomas Angelo, Robert Hirsch, and Thomas Pagan, and the Arbitrator's hearing on the dispute shall be held at the offices of the Trades Council within 14 days of the selection of the Arbitrator. All other procedures shall be as specified in the Plan.

Section 8.3 No Work Disruption Over Jurisdiction All jurisdictional disputes shall be resolved without the occurrence of any strike, work stoppage, or slow-down of any nature, and the Employer's assignment shall be adhered to until the dispute is resolved. Individuals violating this section shall be subject to immediate discharge.

Section 8.4 Pre-Job Conferences As provided in Article 16, each Contractor will conduct a pre-job conference with the appropriate affected Union(s) prior to commencing work. The Trades Council and the PLA Administrator shall be advised in advance of all such conferences and may participate if they wish.

Section 8.5 Resolution of Jurisdictional Disputes If any actual or threatened strike, sympathy strike, work stoppage, slow down, picketing, hand-billing or otherwise advising the public that a labor dispute exists, or interference with the progress of Project Work by reason of a jurisdictional dispute or disputes occurs, the Parties shall exhaust the expedited procedures set forth in the Plan, if such procedures are in the plan then currently in effect, or otherwise as in Article 7 above.

ARTICLE 9 MANAGEMENT RIGHTS

Section 9.1 Contractor and City Rights The Contractors and the City have the sole and exclusive right and authority to oversee and manage construction operations on Project Work without any limitations unless expressly limited by a specific provision of this Agreement. In addition to the following and other rights of the Contractors enumerated in this Agreement, the Contractors expressly reserve their management rights and all the rights conferred upon them by law. The Contractor's rights include, but are not limited to, the right to:

- (a) Plan, direct and control operations of all work;
- (b) Hire, promote, transfer and layoff their own employees, respectively, as deemed appropriate to satisfy work and/or skill requirements;
- (c) Promulgate and require all employees to observe reasonable job rules and security and safety regulations;
- (d) Discharge, suspend or discipline their own employees for just cause;
- (e) Utilize, in accordance with City approval, any work methods, procedures or techniques, and select, use and install any types or kinds of materials, apparatus or equipment, regardless of source of manufacture or construction; assign and schedule work at their discretion; and
- (f) Assign overtime, determine when it will be worked and the number and identity of employees engaged in such work, subject to such provisions in the applicable Schedule A(s) requiring such assignments be equalized or otherwise made in a nondiscriminatory manner.

Section 9.2 Specific City Rights In addition to the following and other rights of the City enumerated in this Agreement, the City expressly reserves its management rights and all the rights conferred on it by law. The City's rights (and those of the Contract Administrator on its behalf) include but are not limited to the right to:

(a) Inspect any construction site or facility to ensure that the Contractor follows the applicable safety and other work requirements;

(b) Require Contractors to establish a different work week or shift schedule for particular employees as required to meet the operational needs of the Project Work at a particular location;

(c) At its sole option, terminate, delay and/or suspend any and all portions of the covered work at any time; prohibit some or all work on certain days or during certain hours of the day to accommodate the ongoing operations of the City's Facilities and/or to mitigate the effect of ongoing Project Work on businesses and residents in the neighborhood of the Project site; and/or require such other operational or schedule changes it deems necessary, in its sole judgment, to effectively maintain its primary mission and remain a good neighbor to those in the area of its facilities. (In order to permit the Contractors and Unions to make appropriate scheduling plans, the City will provide the PLA Administrator, and the affected Contractor(s) and Union(s) with reasonable notice of any changes it requires pursuant to this section; provided, however, that if notice is not provided in time to advise employees not to report for work, show-up pay shall be due pursuant to the provision of Article 6, Section 6.6);

(d) Approve any work methods, procedures and techniques used by Contractors whether or not these methods, procedures or techniques are part of industry practices or customs; and

(e) Investigate and process complaints, through the PLA Administrator, in the matter set forth in Articles 7 and 10.

Section 9.3 Use of Materials There should be no limitations or restriction by Union upon a Contractor's choice of materials or design, nor, regardless of source or location, upon the full use and utilization, of equipment, machinery, packaging, precast, prefabricated, prefinished, or preassembled materials, tools or other labor saving devices, subject to the application of the State Public Contracts and Labor Codes as required by law in reference to offsite construction. Generally, the onsite installation or application of such items shall be performed by the craft having jurisdiction over such work. The City and the PLA Administrator shall advise all Contractors of, and enforce as appropriate, the off-site application of the prevailing wage law as it affects Project Work.

Section 9.4 Special Equipment, Warranties and Guaranties

(a) It is recognized that certain equipment of a highly technical and specialized nature may be installed at Project Work sites. The nature of the equipment, together with the requirements for manufacturer's warranties, may dictate that it be prefabricated pre-piped and/or

pre-wired and that it be installed under the supervision and direction of the City's and/or manufacturer's personnel. The Unions agree to install such equipment without incident.

(b) The Parties recognize that the Contractor will initiate from time to time the use of new technology, equipment, machinery, tools, and other labor-savings devices and methods of performing Project Work. The Union agrees that they will not restrict the implementation of such devices or work methods. The Unions will accept and will not refuse to handle, install or work with any standardized and/or catalogue: parts, assemblies, accessories, prefabricated items, preassembled items, partially assembled items, or materials whatever their source of manufacture or construction.

(c) If any disagreement between the Contractor and the Unions concerning the methods of implementation or installation of any equipment, or device or item, or method of work, arises, or whether a particular part or pre-assembled item is a standardized or catalog part or item, the work will precede as directed by the Contractor and the Parties shall immediately consult over the matter. If the disagreement is not resolved, the affected Union(s) shall have the right to proceed through the procedures set forth in Article 10.

Section 9.5 No Less Favorable Treatment The Parties expressly agree that Project Work will not receive less favorable treatment than that on any other project which the Unions, Contractors and employees work.

ARTICLE 10 SETTLEMENT OF GRIEVANCES AND DISPUTES

Section 10.1 Cooperation and Harmony on Site

(a) This Agreement is intended to establish and foster continued close cooperation between management and labor. The Trades Council shall assign a representative to this Project for the purpose of assisting the local Unions, and working with the PLA Administrator, together with the Contractors, to complete the construction of the Project economically, efficiently, continuously and without any interruption, delays or work stoppages.

(b) The PLA Administrator, the Contractors, Unions, and employees collectively and individually, realize the importance to all Parties of maintaining continuous and uninterrupted performance Project Work, and agree to resolve disputes in accordance with the grievance provisions set forth in this Article or, as appropriate, those of Article 7 or 8.

(c) The PLA Administrator shall oversee the processing of grievances under this Article and Articles 7 and 8, including the scheduling and arrangements of facilities for meetings, selection of the arbitrator from the agreed-upon panel to hear the case, and any other administrative matters necessary to facilitate the timely resolution of any dispute; provided, however, it is the responsibility of the principal parties to any pending grievance to insure the time limits and deadlines are met.

Section 10.2 Processing Grievances Any questions arising out of and during the term of this Agreement involving its interpretation and application, which includes applicable provisions of the Schedule A's, but not jurisdictional disputes or alleged violations of Section 7.1 and 7.4 and similar provisions, shall be considered a grievance and subject to resolution under the following procedures.

Step 1. Employee Grievances When any employee subject to the provisions of this Agreement feels aggrieved by an alleged violation of this Agreement, the employee shall, through his local Union business representative or, job steward, within ten (10) working days after the occurrence of the violation, give notice to the work site representative of the involved Contractor stating the provision(s) alleged to have been violated. A business representative of the local Union or the job steward and the work site representative of the involved Contractor shall meet and endeavor to resolve the matter within ten (10) working days after timely notice has been given. If they fail to resolve the matter within the prescribed period, the grieving party may, within ten (10) working days thereafter, pursue Step 2 of this grievance procedure provided the grievance is reduced to writing, setting forth the relevant information, including a short description thereof, the date on which the alleged violation occurred, and the provision(s) of the Agreement alleged to have been violated. Grievances and disputes settled at Step 1 shall be non-precedential except as to the parties directly involved.

Union or Contractor Grievances Should the Union(s) or any Contractor have a dispute with the other Party(ies) and, if after conferring within ten (10) working days after the disputing Party knew or should have known of the facts or occurrence giving rise to the dispute, a settlement is not reached within five (5) working days, the dispute shall be reduced to writing and processed to Step 2 in the same manner as outlined in Step 1 above for the adjustment of an employee complaint.

Step 2. The business manager of the involved local Union or his designee, together with the site representative of the involved Contractor, and the labor relations representative of the PLA Administrator, shall meet within seven (7) working days of the referral of the dispute to this second step to arrive at a satisfactory settlement thereof. If the Parties fail to reach an agreement, the dispute may be appealed in writing in accordance with the provisions of Step 3 within seven (7) calendar days after the initial meeting at Step 2.

Step 3. (a) If the grievance shall have been submitted but not resolved under Step 2, either the Union or Contractor Party may request in writing to the PLA Administrator (with copy (ies) to the other Party (ies)) within seven (7) calendar days after the initial Step 2 meeting, that the grievance be submitted to an arbitrator selected from the agreed upon list in "**Attachment D**" attached hereto, on a rotational basis in the order listed. The decision of the arbitrator shall be final and binding on all Parties and the fee and expenses of such arbitrations shall be borne equally by the involved Contractor(s) and the involved Union(s).

(b) Failure of the grieving Party to adhere to the time limits established herein shall render the grievance null and void. The time limits established herein may be extended only by written consent of the Parties involved at the particular step where the extension is agreed upon. The arbitrator shall have the authority to make decisions only on issues

presented and shall not have the authority to change, amend, add to or detract from any of the provisions of this Agreement.

(c) The fees and expenses incurred by the arbitrator, as well as those jointly utilized by the Parties (i.e., conference room, court reporter, etc.) in arbitration, shall be divided equally by the Parties to the arbitration, including Union(s) and Contractor(s) involved.

Section 10.3 Limit on Use of Procedures The procedures contained in this Article shall not be applicable to any alleged violation of Articles 7 or 8, with a single exception that any employee discharged for violation of Section 7.2, or Section 8.3, may resort to the procedures of this Article to determine only if he/she was, in fact, engaged in that violation.

Section 10.4 Notice The PLA Administrator (and the City, in the case of any grievance regarding the Scope of this Agreement), shall be notified by the involved Contractor of all actions at Steps 2 and 3, and further, the PLA Administrator shall, upon its own request, be permitted to participate fully as a party in all proceedings at such steps.

ARTICLE 11 REGULATORY COMPLIANCE

Section 11.1 Compliance with All Laws The Trades Council and all Unions, Contractors, subcontractors and their employees shall comply with all applicable federal and state laws, ordinances and regulations including, but not limited to, those relating to safety and health, employment and applications for employment. All employees shall comply with the safety regulations established by the City, the PLA Administrator or the Contractor. Employees must promptly report any injuries or accidents to a supervisor.

Section 11.2 Prevailing Wage Compliance All Contractors shall comply with the state laws and regulation on prevailing wages. Compliance with this obligation may be enforced by the appropriate parties through Article 10 above, or by pursuing the remedies available under state law through the Labor Commissioner or the Department of Industrial Relations.

Section 11.3 Violations of Law Should there be a finding by a Court or administrative tribunal of competent jurisdiction that a Contractor has violated federal and/or state law or regulation, the City, upon notice to the Contractor that it or its subcontractors is in such violation (including any finding of non-compliance with the California prevailing wage obligations as enforced pursuant to DIR regulations), the City, and in the absence of the Contractor or subcontractor remedying such violation, may take such action as it is permitted by law or contract to encourage that Contractor to come into compliance, including, but not limited to, assessing fines and penalties and/or removing the offending Contractor from Project Work.

ARTICLE 12
SAFETY AND PROTECTION OF PERSON AND PROPERTY

Section 12.1 Safety

(a) It shall be the responsibility of each Contractor to ensure safe working conditions and employee compliance with any safety rules contained herein or established by the City or the Contractor, whichever is most restrictive shall apply. It is understood that employees have an individual obligation to use diligent care to perform their work in a safe manner and to protect themselves and the property of the Contractor and the City.

(b) Employees shall be bound by the safety, security and visitor rules established by the Contractor and/or the City. These rules will be published and posted. An employee's failure to satisfy his/her obligations under this section will subject him/her to discipline, up to and including discharge.

(c) The Contractor shall comply with all of the requirements of the Pipeline and Hazardous Materials Safety Administration Drug and Alcohol Testing Regulations, 49 CFR Part 199, for pipeline operators, the Federal Highway Administration Drug and Alcohol Testing Regulations, 49 CFR Part 382, for drivers of commercial motor vehicles and the Procedures for Transportation Workplace Drug and Alcohol Testing Programs, 49 CFR Part 40. It is the responsibility of the Contractor to be familiar with the requirements of these regulations.

(d) Prior to the start of work, the Contractor shall provide adequate documentation to substantiate full compliance with these regulations. This documentation shall include, but not be limited to; a current copy of the Contractor's written Drug and Alcohol testing policy indicating:

1. Type of tests (pre-employment, preventative, post-accident, etc.) and details of the testing procedures employed;
2. Name of the Medical Review Officer and Substance Abuse Professional and an outline of their responsibilities;
3. Name of the testing laboratory and proof of National Institute on Drug Abuse (N.I.D.A.) certification by the U.S. Department of Health and Human Services; and Collection agency name.

The City, in its sole discretion, will determine whether the policy submitted is compliant with the applicable regulations. The City reserves the right to reject any contractor or subcontractor that does not meet the above applicable Drug and Alcohol Testing Program regulations.

Ten (10) days prior to start of construction, the Contractor shall submit to the applicable City Project Engineer a copy of the summary of results of the previous 3 month's drugs tests. This summary should include only the total number of persons tested each month and the number of positive and negative test results for each month. The names of those persons tested shall not be included in the summary report. The City reserves the right, in accordance with the

provisions of 49 CRF Part 199, to inspect the Contractor's program records, upon request.

Section 12.2 Suspension of Work for Safety A Contractor may suspend all or a portion of the job to protect the life and safety of employees. In such cases, employees will be compensated only for the actual time worked; provided, however, that where the Contractor requests employees to remain at the site and be available for work, the employees will be compensated for stand-by time at their basic hourly rate of pay.

Section 12.3 Water and Sanitary Facilities The Contractor shall provide adequate supplies of drinking water and sanitary facilities for all employees as required by state law or regulation.

ARTICLE 13 TRAVEL AND SUBSISTENCE

Travel expenses, travel time, subsistence allowances, zone rates and parking reimbursements shall be paid in accordance with the applicable Schedule A Agreement unless superseded by the applicable prevailing wage determination.

ARTICLE 14 APPRENTICES

Section 14.1 Importance of Training The Parties recognize the need to maintain continuing support of the programs designed to develop adequate numbers of competent workers in the construction industry, the obligation to capitalize on the availability of the local work force in the area served by the City, and the opportunities to provide continuing work under the construction program. To these ends, the Parties will facilitate, encourage, and assist local residents to commence and progress in Labor/Management Apprenticeship and/or training Programs in the construction industry leading to participation in such apprenticeship programs. The City and the Trades Council, will work cooperatively to identify, or establish and maintain, effective programs and procedures for persons interested in entering the construction industry and which will help prepare them for the formal joint labor/management apprenticeship programs maintained by the signatory Unions.

Section 14.2 Use of Apprentices

(a) Apprentices used on Projects under this Agreement shall be registered in Joint Labor Management Apprenticeship Programs approved by the State of California. Apprentices may comprise up to thirty percent (30%) of each craft's work force (calculated by hours worked) at any time, unless the standards of the applicable joint apprenticeship committee confirmed by the Division of Apprenticeship Standards ("DAS"), establish a lower or higher maximum percentage. Where the standards permit a higher percentage, such percentage shall apply on Project Work. Where the applicable standards establish a lower percentage, the applicable Union will use its best efforts with the Joint Labor Management apprenticeship committee and, if necessary, the DAS to permit up to thirty percent (30%) apprentices on the Project.

(b) The Unions agree to cooperate with the Contractor in furnishing apprentices as requested up to the maximum percentage. The apprentice ratio for each craft shall be in compliance, at a minimum, with the applicable provisions of the Labor Code relating to utilization of apprentices. The City shall encourage such utilization, and, both as to apprentices and the overall supply of experienced workers, the PLA Administrator will work with the Trades Council to assure appropriate and maximum utilization of apprentices and the continuing availability of both apprentices and journey persons.

(c) The Parties agree that apprentices will not be dispatched to Contractors working under this Agreement unless there is a journeyman working on the project where the apprentice is to be employed who is qualified to assist and oversee the apprentice's progress through the program in which he is participating.

(d) All apprentices shall work under the direct supervision of a journeyman from the trade in which the apprentice is indentured. A journeyman shall be defined as set forth in the California Code of Regulations, Title 8 [apprenticeship] section 205, which defines a journeyman as a person who has either completed an accredited apprenticeship in his or her craft, or has completed the equivalent of an apprenticeship in length and content of work experience and all other requirements in the craft which has workers classified as journeyman in the apprenticeable occupation. Should a question arise as to a journeyman's qualification under this subsection, the Contractor shall provide adequate proof evidencing the worker's qualification as a journeyman to the Trades Council.

Section 14.3 Joint Subcommittee on Training and Apprenticeship To carry out the intent and purposes of this Article, a subcommittee of the Labor Management Committee established pursuant to Article 17 may be established, jointly chaired by a designee of the City and a designee of the Trades Council, to oversee the identification and/or effective development of procedures and programs leading to the full utilization of apprenticeship programs, and to work with representatives of each signatory craft's joint apprenticeship committee ("CJAC") and representatives of the City's technical schools to establish appropriate criteria for recognition by such CJAC's of the educational and work experience possessed by City students and graduates toward qualifying for entry or advanced level in the apprenticeship programs under the direction under such CJAC's. The Subcommittee will meet as necessary at the call of the joint chairs to promptly facilitate its purposes in an expeditious manner as soon as this Agreement becomes effective. In addition to the joint chairs, the membership of the committee will consist of at least three representatives of the signatory local Unions and three representatives of Contractors signatory to this Agreement and experienced in overseeing and participating in joint labor management apprenticeship programs (or organizations to which the Contractors belong).

ARTICLE 15 WORKING CONDITIONS

Section 15.1 Meal and Rest Periods There will be no non-working times established during working hours except as may be required by applicable state law or regulations. Meal periods and Rest periods shall be as provided for in Wage Order 16. Individual coffee containers

will be permitted at the employees' work location; however, there will be no organized coffee breaks.

Section 15.2 Work Rules The City, the PLA Administrator, and/or relevant Contractor shall establish such reasonable work rules as they deem appropriate and not inconsistent with this Agreement. These rules will be posted at the work sites by the Contractor and may be amended thereafter as necessary. Failure to observe these rules and regulations by employees may be grounds for discipline up to and including discharge.

Section 15.3 Emergency Use of Tools and Equipment There should be no restrictions on the emergency use of any tools by any qualified employee or supervisor, or on the use of any tools or equipment for the performance of work within the jurisdiction, provided the employee can safely use the tools and/or equipment involved and is compliance with applicable governmental rules and regulations.

Section 15.4 Access Restrictions for Cars Recognizing the nature of the work being conducted on the site, employee access by a private automobile may be limited to certain roads and/or parking areas.

ARTICLE 16 PRE-JOB CONFERENCES

Section 16.1 Each Primary Contractor which is awarded a Construction Contract by the City for Project Work shall conduct a Pre-Job conference with the appropriate affected Union(s) prior to commencing work. All Contractors who have been awarded contracts by the Primary Contractor shall attend the Pre-Job conference. The Trades Council and the PLA Administrator shall be advised in advance of all such conferences and may participate if they wish. All work assignments shall be disclosed by the Primary Contractor and all Contractors at the Pre-Job conference in accordance with industry practice. Should there be any formal jurisdictional dispute raised under Article 8, the PLA Administrator shall be promptly notified. Primary Contractor shall have available at the Pre-Job conference the plans and drawing for the work to be performed on the Project.

ARTICLE 17 LABOR/MANAGEMENT COOPERATION

Section 17.1 Joint Committee The Parties to this Agreement shall establish a six (6) person Joint Administrative Committee (JAC). This JAC shall be comprised of three (3) representatives selected by the City and three (3) representatives selected by the Trades Council to monitor compliance with the terms and conditions of this Agreement and to recommend amendments to this Agreement, with the exception of the dollar threshold specified in Section 2.2(a) and the term of this Agreement under Section 22.1, when doing so would be to the mutual benefit of the Parties. Each representative shall designate an alternate who shall serve in his or her absence for any purpose contemplated by this Agreement. A quorum will consist of at least two (2) representatives selected by the City and at least two (2) representatives selected by the Trades Council. For voting purposes, only an equal number of City and Union representatives present may constitute a voting quorum.

Section 17.2 Functions of Joint Committee The Committee shall meet on a schedule to be determined by the Committee or at the call of the joint chairs, to discuss the administration of the Agreement, the progress of the Project, general labor management problems that may arise, and any other matters consistent with this Agreement. Substantive grievances or disputes arising under Articles 7, 8 or 10 shall not be reviewed or discussed by this Committee, but shall be processed pursuant to the provisions of the appropriate Article. The PLA Administrator shall be responsible for the scheduling of the meetings, the preparation of the agenda topics for the meetings, with input from the Unions the Contractors and the City. Notice of the date, time and place of meetings, shall be given to the Committee members at least three (3) days prior to the meeting. The PLA Administrator shall prepare quarterly reports on apprentice utilization and the training and employment of City residents, and a schedule of Project Work and estimated number of craft workers needed. The Committee or an appropriate subcommittee, may review such reports and make any recommendations for improvement, if necessary, including increasing the availability of skilled trades, and the employment of local residents or other individuals who should be assisted with appropriate training to qualify for apprenticeship programs.

Section 17.3 Subcommittees The Committee may form subcommittees to consider and advise the full Committee with regard to safety and health issues affecting the Project and other similar issues affecting the overall Project, including any workers compensation program initiated under this Agreement.

ARTICLE 18 SAVINGS AND SEPARABILITY

Section 18.1 Savings Clause It is not the intention of the City, the PLA Administrator, Contractor or the Union parties to violate any laws governing the subject matter of this Agreement. The Parties hereto agree that in the event any provision of this Agreement is finally held or determined to be illegal or void as being in contravention of any applicable law or regulation, the remainder of the Agreement shall remain in full force and effect unless the part or parts so found to be void are wholly inseparable from the remaining portions of this Agreement. Further, the Parties agree that if and when any provision(s) of this Agreement is finally held or determined to be illegal or void by a court of competent jurisdiction, the Parties will promptly enter into negotiations concerning the substantive effect of such decision for the purposes of achieving conformity with the requirements of any applicable laws and the intent of the Parties hereto. If the legality of this Agreement is challenged and any form of injunctive relief is granted by any court, suspending temporarily or permanently the implementation of this Agreement, then the Parties agree that all Project Work that would otherwise be covered by this Agreement should be continued to be bid and constructed without application of this Agreement so that there is no delay or interference with the ongoing planning, bidding and construction of any Project Work.

Section 18.2 Effect of Injunctions or Other Court Orders The Parties recognize the right of the City to withdraw, at its absolute discretion, the utilization of the Agreement as part of any bid specification should a Court of competent jurisdiction issue any order, or any applicable statute which could result, temporarily or permanently in delay of the bidding, awarding and/or

construction on the Project. Notwithstanding such an action by the City, or such court order or statutory provision, the Parties agree that the Agreement shall remain in full force and the fact on covered Project Work to the maximum extent legally possible.

ARTICLE 19
WAIVER

A waiver of or a failure to assert any provisions of this Agreement by any or all of the Parties hereto shall not constitute a waiver of such provision for the future. Any such waiver shall not constitute a modification of the Agreement or change in the terms and conditions of the Agreement and shall not relieve, excuse or release any of the Parties from any of their rights, duties or obligations hereunder.

ARTICLE 20
AMENDMENTS AND AMBIGUITY

The provisions of this Agreement can be renegotiated, supplemented, rescinded or otherwise altered only by mutual agreement in writing, hereafter signed by the negotiating Parties hereto. In the event of any conflict or ambiguity between this Agreement and any Attachment or exhibit, the provisions of this Agreement shall govern.

ARTICLE 21
WORK OPPORTUNITIES PROGRAM

Section 21.1 Work Opportunities The Parties to this Agreement support the development of increased numbers of skilled construction workers from among residents of the City to meet the labor needs of covered projects, specifically and the requirements of the local construction industry, generally. Towards that end the Parties agree to cooperate respecting the establishment of a work opportunities program for City residents, the primary goals of which shall be to maximize construction work opportunities for City residents. In furtherance of the foregoing, the Unions specifically agree to:

(a) Encourage the referral and utilization, to the extent permitted by law and hiring hall practices, of qualified City residents as journeymen, and apprentices on Project Work and entrance into such qualified apprenticeship and training programs as may be operated by signatory Unions; and

(b) Work cooperatively with the City, to identify, or establish and maintain, effective programs, events and procedures for persons interested in entering the construction industry; and

(c) Assist City residents in contacting the Apprenticeship Training Committee for the crafts and trades they are interested in. The Unions shall assist City residents who are seeking Union jobs on the Project and Union membership in assessing their work experience and giving them credit for provable past experience in their relevant craft or trade, including experience gained working for non-union Contractors; and

- (d) Allow tours of their JAC training facilities, as requested; and
- (e) Provide a contact information list for all Union representatives and Joint Apprenticeship Committee representatives; and
- (f) Support local events and programs designed to recruit and develop adequate numbers of competent workers in the construction industry.

ARTICLE 22
DURATION OF THE AGREEMENT

Section 22.1 Duration

(a) This Agreement shall be effective from the date signed by all Parties and shall remain in effect for an initial period of five (5) years. Any covered Project awarded during the term of this Agreement shall continue to be covered hereunder, until completion of the Project, notwithstanding the expiration date of this Agreement.

(b) This Agreement may be extended by written mutual consent of the City and the signatory Unions for such further periods as the Parties shall agree to.

Section 22.2 Turnover and Final Acceptance of Completed Work

(a) Construction of any phase, portion, section, or segment of Project Work shall be deemed complete when such phase, portion, section or segment has been turned over to the City by the Contractor and the City has accepted such phase, portion, section, or segment. As areas and systems of the Project are inspected and construction-tested and/or approved and accepted by the City or third parties with the approval of the City, the Agreement shall have no further force or effect on such items or areas, except when the Contractor is directed by the City to engage and repairs or modifications required by its contract(s) with the City.


(b) Notice of each final acceptance received by the Contractor will be provided to the Trades Council with the description of what portion, segment, etc. has been accepted. Final acceptance may be subject to a "punch" list, and in such case, the Agreement will continue to apply to each such item on the list until it is completed to the satisfaction of the City and Notice of Completion is issued by the City or its representative to the Contractor. At the request of the Union, complete information describing any "punch" list work, as well as any additional work required of a Contractor at the direction of the City pursuant to (a) above, involving otherwise turned-over and completed facilities which have been accepted by the City, will be available from the PLA Administrator.

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IN WITNESS whereof the Parties have caused this Project Labor Agreement to be executed as of the date and year above stated.

CITY OF LONG BEACH

LOS ANGELES/ORANGE COUNTIES
BUILDING & CONSTRUCTION
TRADES COUNCIL

By: 
Patrick West
City Manager

By: 
Ron Miller
Executive Secretary

APPROVED AS TO FORM

5/22, 2015
CHARLES PARKIN, City Attorney

By: 
LINDA T. VU
DEPUTY CITY ATTORNEY

LOS ANGELES/ORANGE COUNTIES BUILDING AND CONSTRUCTION
TRADES COUNCIL CRAFT UNIONS AND DISTRICT COUNCILS

Philip L. [unclear]
Ronald J. [unclear]
Wesley [unclear]

IUOE # 12
IUOE # 19
IUOE Local 12

ATTACHMENT A – LETTER OF ASSENT

To be signed by all contractors awarded work covered by the City of Long Beach Project Labor Agreement prior to commencing work.

[Contractor's Letterhead]
PLA Administrator
City of Long Beach
1234 address
City, state, zip code
Attn: _____

Re: Project Labor Agreement - Letter of Assent

Dear Sir:

This is to confirm that [name of company] agrees to be party to and bound by the City of Long Beach Project Labor Agreement effective _____, 2015, as such Agreement may, from time to time, be amended by the negotiating parties or interpreted pursuant to its terms. Such obligation to be a party and bound by this Agreement shall extend to all work covered by the agreement undertaken by this Company on the project and this Company shall require all of its contractors and subcontractors of whatever tier to be similarly bound for all work within the scope of the Agreement by signing and furnishing to you an identical letter of assent prior to their commencement of work.

Sincerely,

[Name of Construction Company]

By: [_____] Name and Title of Authorized Executive

[Copies of this letter must be submitted to the PLA Administrator and to the Trades Council Consistent with Article 2, Section 2.6 (b).]

ATTACHMENT B

FIRST TIER ZIP CODES (CITY BOUNDARY)

90802	Long Beach
90803	Long Beach
90804	Long Beach
90805	Long Beach
90806	Long Beach
90807	Long Beach
90808	Long Beach
90809	Long Beach
90810	Long Beach
90813	Long Beach
90814	Long Beach
90815	Long Beach
90822	Long Beach

SECOND TIER ZIP CODES (GATEWAY CITIES)

90001	Florence/South Central	90605	Whittier/South Whittier
90022	East Los Angeles	90606	Whittier
90023	East Los Angeles	90638	La Mirada
90040	Commerce	90639	La Mirada
90058	Vernon	90640	Montebello
90201	Bell/Bell Gardens/Cudahy	90650	Norwalk
90220	Compton/Rancho Dominguez	90660	Pico Rivera
90221	Compton/East Rancho Dominguez	90670	Santa Fe Springs
90222	Compton/Rosewood/Willowbrook	90701	Artesia/Cerritos
90240	Downey	90703	Cerritos
90241	Downey	90704	Avalon
90242	Downey	90706	Bellflower
90262	Lynwood	90712	Lakewood
90270	Maywood	90713	Lakewood
90280	South Gate	90715	Lakewood
90601	Whittier	90716	Hawaiian Gardens
90602	Whittier	90723	Paramount
90603	Whittier	90755	Signal Hill
90604	Whittier	91744	Industry

**THIRD TIER
(LOS ANGELES AND ORANGE COUNTY RESIDENTS)**

ATTACHMENT C

CITY OF LONG BEACH
CRAFT REQUEST FORM

TO THE CONTRACTOR: Please complete and fax this form to the applicable union to request craft workers that fulfill the hiring requirements for this project. After faxing your request, please call the Local to verify receipt and substantiate their capacity to furnish workers as specified below. Please print your Fax Transmission Verification Reports and keep copies for your records.

The City of Long Beach Project Labor Agreement establishes a goal that 40% of the total work hours shall be from workers residing: first, in those first tier zip codes which include all of the City of Long Beach, as attached hereto, second, in those second tier zip codes which reflect the Gateway Cities, as attached hereto, and third, residing within the Counties of Orange and Los Angeles. Where Project Work is funded in full or in part by State of California Tideland funds, the term Local Resident, as used herein, shall mean an individual whose primary place of residence is within the Counties of Los Angeles or Orange. For Dispatch purposes, employees residing within any of these three (3) areas shall be referred to as Local Residents.

The PLA establishes a further goal that 10% of the total work hours shall be from disadvantaged residents and veterans. "Disadvantaged Worker" means an individual whose income as an unrelated individual or whose family income is below seventy percent (70%) of the Lower Living Standard Income Level as determined and published by the United States Department of Labor applicable to the area in which the individual resides, and as verified by the Pacific Gateway Workforce Investment Network.

TO THE UNION: Please complete the "Union Use Only" section on the next page and fax this form back to the requesting Contractor. Be sure to retain a copy of this form for your records.

CONTRACTOR USE ONLY

To: Union Local # _____ **Fax#** () _____ **Date:** _____

Cc: PLA Administrator

From: Company: _____ **Issued By:** _____

Contact Phone: () _____ **Contact Fax:** () _____

PLEASE PROVIDE ME WITH THE FOLLOWING UNION CRAFT WORKERS.

Craft Classification (i.e., plumber, painter, etc.)	Journeyman or Apprentice	Local Resident, Disadvantaged Worker, Veteran, or General Dispatch	Number of workers needed	Report Date	Report Time
TOTAL WORKERS REQUESTED = _____					

Please have worker(s) report to the following work address indicated below:

Project Name: _____ Site: _____ Address: _____

Report to: _____ On-site Tel: _____ On-site Fax: _____

Comment or Special Instructions: _____

UNION USE ONLY

Date dispatch request received:
Dispatch received by:
Classification of worker requested:
Classification of worker dispatched:

WORKER REFERRED

Name:
Date worker was dispatched:
Is the worker referred a: (check all that apply)

JOURNEYMAN	Yes _____	No _____
APPRENTICE	Yes _____	No _____
LOCAL RESIDENT	Yes _____	No _____
DISADVANTAGED WORKER OR VETERAN	Yes _____	No _____
GENERAL DISPATCH FROM OUT OF WORK LIST	Yes _____	No _____

ATTACHEMENT D - ARBITRATORS

- (1) Edna Francis
- (2) Louis Zigman
- (3) Fredric Horowitz
- (4) Sara Adler
- (5) Michael Prihar
- (6) Walt Daugherty
- (7) Michael Rappaport



City of Long Beach
Purchasing Division
333 West Ocean Boulevard, 7th Floor
Long Beach, CA 90802

Attachment H

Small Business Enterprise (SBE) Program

There is a combined **SBE/VSBE/LSBE** goal of **12.2%** on this project.



City of Long Beach Department of Financial Management
 Purchasing Division
 333 W Ocean Blvd. 7th floor, Long Beach, California 90802
 p 562.570.6200

INSTRUCTIONS ON HOW TO BECOME CERTIFIED AS A SMALL BUSINESS

There is a combined Small Business Enterprise (SBE) goal associated with this project. Please fill out the attached form COLB Commitment Plan to show your percentage of participation as a small business for this project. Please go to our website at www.longbeach.gov/purchasing and edit your profile, if you have not already done so, to make sure you become certified with the City of Long Beach as a small business. If your company is not eligible to become a small business, please perform the good faith effort. Please see a sample of the place where you can be certified on Planetbids.

FINANCIAL MANAGEMENT DIVISION (VERSION 04/18/05/07)

Company Info	Additional Addresses	Classifications/ Licenses	Other Business Info	Company Description	Emergency Operations	Small Business Certification
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Would you like to be certified as a Small Business? YES NO

Small Business (SBE) Certification Status

Current Status:

Certification Categories

at least one category must be chosen

Financial Year Information

Gross Annual Receipts for 2011

2010

2009

3 Year Average Gross Receipts:

Fiscal Year Begins:

Business Affiliation

During the previous three (3) Tax Years, this owner:

- YES NO had ownership interest in another business
- YES NO performed management duties for another business
- YES NO had a family member(s) engaged in a similar business
- YES NO had a financial relationship with another business consisting of loans, and/or assistance to meet bonds, security or or requirements
- YES NO shared employees, facilities, equipment or systems with another business



CITY OF LONG BEACH

DEPARTMENT OF FINANCIAL MANAGEMENT
Business Services Bureau

SMALL BUSINESS ENTERPRISE (SBE) PROGRAM

PARTICIPATION INSTRUCTIONS

Revised March 11, 2016

INSTRUCTIONS TO BIDDERS

SUMMARY

This Small Business Enterprise (“SBE”) Program shall apply to all City Manager Departments, in accordance to Ordinance NO. ORD-11-0010, adopted June 7, 2011 and enacted on July 8, 2011 (Attachment A).

Each prospective bidder who is successful in a bid to provide goods or services to the City must comply with the City’s SBE policy.

All prime bidders/proposers are required to submit a SBE/VSBE/LSBE Commitment Plan Form with their bid or proposal by the required due date to illustrate their intent to meet the SBE/VSBE/LSBE project goals.

If the prime bidder/proposer commitment plan does not illustrate intent to meet the combined SBE/VSBE/LSBE project goal, the bidder/proposer must submit a Good Faith Effort (GFE) with the bid, and pass the GFE evaluation, for the bid/proposal to remain responsive.

The successful prime bidder/proposer will be required to submit a monthly SBE/VSBE/LSBE utilization report (MUR) (COLB FORM 3C or COLB FORM 3P). Staff will review and verify utilization and payments made to small businesses for compliance.

I. Small Business Enterprise (SBE) Certification

Only those Small Business Enterprises certified by City of Long Beach Business Services Bureau shall be eligible for the fulfillment of the SBE participation goal. SBE listings may be obtained from the Department of Financial Management, Business Services Bureau. If a Small Business Enterprise elects to compete for City business without being certified as such, they may do so, but any bid submitted will not be counted towards fulfillment of the SBE participation goal.

An SBE desiring certification with the City of Long Beach must complete the online certification process. The online certification process can be viewed and completed through the City’s Planet Bid Portal which can be found through the following link:

<http://www.longbeach.gov/finance/business-info/compliance/small-business-enterprises/>

Upon receipt, the Business Services Bureau will review the application and determine SBE certification status. In addition, the vendor will be eligible to receive notices to bid on their selected commodities or services.

II. SBE Participation Goal

The overall participation goal in all procurement categories for Small Business Enterprise program participation will apply to all City Manager Departments.

The exception of goals established by the Manager of Business Services Bureau on a contract-by-contract basis based on market availability and useful function within the contract.

The SBE Participation goal can be achieved in the following manner(s):

- a) **Non-SBE prime contractors/consultants/vendors** shall meet the combined SBE/VSBE/LSBE participation goal, or document and submit an acceptable Good Faith Effort, for their bid or proposal to be deemed responsive.
- b) **SBE prime contractors/consultants/vendors**, certified through the City's online SBE/VBE/LSBE database and verified by the City, are deemed to have met the SBE component of the combined SBE/VSBE/LSBE participation goal, but shall meet the VSBE component of the goal, or document and submit an acceptable Good Faith Effort, for their bid or proposal to be deemed responsive.
- c) **VSBE prime contractors/consultants/vendors**, who are City-certified SBE prime contractors/consultants/vendors also qualify as Very Small Business Enterprises (VSBE) based upon the City's review of qualifying information are deemed to have met both components of the combined SBE/VSBE/LSBE participation goal.

Small Business Enterprises – Eligibility Requirements

I. SBE, VSBE and LSBE Eligibility

- a) **SBE** eligibility is determined utilizing federal U.S. Small Business Administration (SBA) size standards either by the average gross annual revenue or by the number of employees, based on North American Industrial Classification System (NAICS) codes. The current table of size standards can be accessed on the SBA website www.sba.gov/about-sba-info/4562 Examples of maximum gross annual revenue averaged over the past three years to qualify as an SBE: general contractor \$33.5 million; specialty trade contractor \$14.0 million; engineering services \$4.5 million.
- b) **VSBE** eligibility is determined utilizing maximum allowable annual gross revenues consistent with those of the State of California's Department of

General Services' "micro-business" designation. The current guidelines for this designation can be accessed on the State of California's website at <http://www.dgs.ca.gov/pd/Programs/OSDS/SBEeligibilityBenefits.aspx>

- c) Local Small Business Enterprise (**LSBE**) eligibility shall be determined by the criteria established in Municipal Code section 2.84.030, subdivisions (1) and (2), which states: *The business has to have a current, valid business license from the City of Long Beach showing a place of business within City limits; and have a current, valid seller's permit showing a place of business within City limits.* In addition to the SBE eligibility criteria described in section a), above.

SBE/VSBE/LSBE Good Faith Effort

Good Faith Effort Evaluation Criteria for Contracts

A proposer whose bid/proposal fails to meet the SBE, VSBE or LSBE participation goal shall be found responsive if an acceptable Good Faith Effort (GFE) is demonstrated. **The GFE should submitted be with a letter or memo attached to the written evidence of each of the following criteria as documentation with the bid.** The following criteria shall be used in evaluating a proposer's GFE :

1. **Attend Pre-Proposal Meeting:** The bidder/proposer submitted written evidence that he/she attended the pre-bid/proposal conference.

Tip: To receive credit for attending the pre-bid/proposal meeting, the attendee must be a person who will be directly involved with the project, i.e., owner, project manager, etc. A copy of the sign-in sheet must be submitted. If no pre-proposal meeting is held, the bidder/proposer will receive 10 points credit for this criterion.

2. **Subdivide the Work:** The bidder/proposer prepared and followed a plan to subdivide the work into disciplines or work elements that could be economically performed by small businesses. It is the bidder's/proposer's responsibility to demonstrate that sufficient work was made available to SBEs, VSBEs and LSBEs to meet contract requirements (combined SBE/VSBE/LSBE goal established for that contract).

Tip: The work should be subdivided into categories or disciplines to allow for maximum SBE, VSBE and LSBE participation. For example:

<i>Name of Project:</i>	<u>Pipeline Relocation Design</u>
<i>Work Elements:</i>	Civil engineering – 70%
	Geotechnical – 10%
	Structural engineering – 10%
	Mechanical engineering –10%

3. **Advertise:** The bidder/proposer submitted written evidence of commercial advertising for small business subconsultants, subcontractors, vendors and/or suppliers at least 14 calendar days prior to the bid/proposal due date. A copy of the advertisement, showing the advertisement date(s), name of publication, type of work and amount of work being solicited, must be provided.

Tip: A copy of the advertisement must be provided, including the date(s) of advertisement and name of the publication.

4. **Use Public Databases:** The bid/proposer submitted written evidence of using the City's SBE/VSBE/LSBE database, small business, minority business, and women-owned business associations, and chambers of commerce to help solicit small businesses. In addition, databases from the agencies below are available.

- Port of Long Beach
www.polb.com/sbe
- Los Angeles Community College District
http://www.build-laccd.org/bidding_and_contracting/index.asp?pg=oao

5. **Provide Relevant Information to Small Businesses:** The bidder/proposer submitted written evidence that he/she has provided interested small businesses with information about the requirements of the contract, and how to obtain plans and specifications, at least 14 calendar days prior to the bid/proposal due date or as specified by City SBE staff.

Tip: Submitting the information included in the ad copy and also in direct written solicitations satisfies this requirement.

6. **Directly Solicit Small Businesses:** The bidder/proposer submitted written evidence of directly soliciting small business subconsultants. A copy of the written notices sent directly to SBEs, VSBEs and LSBEs must be provided. A direct solicitation should include the type of work, amount of work, and a brief specific description of the work being solicited.

Tip: Written evidence must include the following information: name of agency, name of project, company name, scope of work required, date of contact, method of contact (in-person, phone, fax, email), person contacted, result of contact (waiting for response, waiting for bid/proposal, left message, no answer, etc.).

7. **Conduct Follow-Up:** The bidder/proposer submitted written evidence of specific activities used to follow up initial solicitations in preparing the bid/proposal.

Tip: Follow-up activities must include documentation of repeat contact efforts if the first contact was unsuccessful.

8. **Offer Assistance:** The bidder/proposer demonstrated that he/she has offered to assist small businesses in obtaining bonding, insurance or equipment.

Tip: Negotiations include give-and-take by both parties with the intention of reaching a mutually satisfactory agreement. This includes responding in writing to bids/proposals from small businesses.

9. **Negotiate:** The bidder/proposer submitted written evidence that he/she has negotiated in good faith with interested small businesses. Documentation must include company name, contact person, method of contact, and specific items that were negotiated (scope of work, materials, equipment, insurance, bonding, personnel, timing of project, etc.)

Tip: Submitting the offer to assist with bonding/insurance/equipment included in the ad copy and also in direct written solicitations satisfies this requirement.

10. **Document bid/proposal (price) and negotiation results:** For any negotiations which were unsuccessful and/or bids/proposals received but not accepted, the bidder/proposer submitted the unsuccessful proposer's company name, telephone number, contact person, price proposed, and the reason for rejecting the bid/proposal. If price was the reason for rejecting the bid/proposal, list the price bid by all the SBE/VSBE/LSBE and the low bidder for that element of work.

Note: For successful bids/proposals, Contractor must submit the name of the successful bidder/proposer(s) on COLB Form SBE-2C - SBE/VSBE/LSBE Commitment Plan for Construction Contracts or COLB Form SBE-2P for Professional Services Contracts. Please refer to the ITB or RFP for submittal deadlines.

Each of the 10 criteria will be assigned 10 points and will be graded with 0 or 10 points; there is no partial credit. The bidder/proposer must achieve a score of 70 out of a possible 100 points in order for the SBE Administrator to determine that the proposer has made an acceptable GFE.

SBE/VSBE/LSBE Commitment Plan/Utilization/Substitution

For SBE designated contracts or proposals, prime contractors must submit a completed SBE Commitment Plan Form (COLB FORM SBE-2C or COLB Form SBE-2P, or COLB Form SBE-2PD) to the City of Long Beach, Business Services Bureau listing information for each SBE to be used for contract goal satisfaction or a good faith effort explaining why the goal could not be reached. The Business Services Bureau will approve the initial SBE commitment or good faith effort submitted by the prime contractor.

INSTRUCTIONS FOR COLB FORM SBE-2C: SBE/VSBE/LSBE COMMITMENT PLAN FOR CONSTRUCTION CONTRACTS

SECTIONS 1 AND 2 ARE TO BE COMPLETED BY THE PRIME CONTRACTOR.

INSTRUCTIONS FOR SECTION 2:

1. List all SBE/VSBE/LSBE subcontractors, vendors, suppliers, and other businesses that will render materials or services under this contract amendment. Only list SBEs/VSBEs/LSBEs.
2. If the prime contractor is an SBE/VSBE/LSBE, list the prime first.
3. For a firm to be counted toward meeting the SBE/VSBE/LSBE goals, the firm must be SBE certified on the City's online vendor database (*BidsOnLine*) accessible from the SBE/VSBE/LSBE Program page of the City's website: <http://www.longbeach.gov/finance/business-info/compliance/small-business-enterprises/>
4. The City does NOT issue VSBE certifications; VSBE eligibility will be reviewed and determined upon submittal of the Commitment Plan.
5. **The prime contractor must verify the current eligibility status of each SBE/VSBE/LSBE, prior to listing the firm(s) on the Commitment Plan, through one of the following methods:**
 - a. **locating the SBE/VSBE/LSBE on the City's website at <https://www.planetbids.com/portal/portal.cfm?CompanyID=15810#>**
 - b. **contacting the City's SBE Program staff to verify SBE/VSBE/LSBE status.**
6. Lower tier SBE/VSBE/LSBE subcontractors and SBE/VSBE/LSBE vendors/suppliers rendering materials or services to lower tier subcontractors must also be listed to receive participation credit. **See examples listed in the table in Section 2.**
7. The City reserves the right to request proof of payment from the prime contractor/subcontractor to the lower tier sub/vendor/supplier prior to contract close-out.
8. **All SBEs/VSBEs/LSBEs, regardless of tier, MUST be SBE certified for the materials/services that they will be rendering for the contract.**
9. **All SBEs/VSBEs/LSBEs, regardless of tier, MUST provide materials/services directly applicable to the contract.**

10. When listing the total dollar value of each SBE/VSBE/LSBE subcontract, materials or services provided, the prime contractor shall subtract payments made for any indirect or non-applicable materials/ services.
11. Use multiple copies of this form if necessary.

**INSTRUCTIONS FOR COLB FORM SBE-2P or SBE-2PD:
SBE/VSBE/LSBE COMMITMENT PLAN FOR PROFESSIONAL SERVICES
CONTRACTS**

SECTIONS 1 AND 2 ARE TO BE COMPLETED BY THE PRIME CONTRACTOR.

INSTRUCTIONS FOR SECTION 2:

1. List all SBE/VSBE/LSBE subcontractors, vendors, suppliers, and other businesses that will render materials or services under this contract amendment. Only list SBEs/VSBEs/LSBEs.
2. If the prime contractor is an SBE/VSBE/LSBE, list the prime first.
3. For a firm to be counted toward meeting the SBE/VSBE/LSBE goals, the firm must be SBE certified on the City's online vendor database (*BidsOnLine*) accessible from the SBE/VSBE/LSBE Program page of the City's website: <https://www.planetbids.com/portal/portal.cfm?CompanyID=15810#>
4. The City does NOT issue VSBE certifications; VSBE eligibility will be reviewed and determined upon submittal of the Commitment Plan.
5. **The prime contractor must verify the current eligibility status of each SBE/VSBE/LSBE, prior to listing the firm(s) on the Commitment Plan, by:**
 - a. **locating the SBE/VSBE/LSBE on the City's website at <http://www.longbeach.gov/finance/business-info/compliance/small-business-enterprises/>**
 - b. **contacting the City's SBE Program staff to verify SBE/VSBE/LSBE status.**
6. Lower tier SBE/VSBE/LSBE subcontractors and SBE/VSBE/LSBE vendors/suppliers rendering materials or services to lower tier subcontractors must also be listed to receive participation credit. **See examples listed in the table in Section 2.**
7. The City reserves the right to request proof of payment from the prime contractor/subcontractor to the lower tier sub/vendor/supplier prior to contract close-out.

8. **All SBEs/VSBES/LSBEs, regardless of tier, MUST be SBE certified for the materials/services that they will be rendering for the contract.**
9. **All SBEs/VSBES/LSBEs, regardless of tier, MUST provide materials/services directly applicable to the contract.**
10. When listing the total dollar value of each SBE/VSBES/LSBE subcontract, materials or services provided, the prime contractor shall subtract payments made for any indirect or non-applicable materials/ services.
11. Use multiple copies of the form if necessary.

During the term of the contract, the prime contractor shall be required to utilize all subcontractors listed on the commitment plan in the amount and percentage specified on the form, unless the City approves a change in the scope of work that would eliminate or reduce the utilization of a SBE, VSBE, or LSBE.

The prime Contractor/Consultant shall report the dollar value of payments to small businesses on a monthly basis and at project close-out. This data will be verified. Construction contractors shall submit a completed SBE/VSBES/LSBE Monthly Utilization Report for Construction Contracts (COLB Form SBE 3C), and consultants shall submit a completed SBE/VSBES/LSBE Monthly Utilization Report for Professional Services Contracts (COLB Form SBE 3P).

The Business Services Bureau office is responsible for approving any revisions to the SBE commitment form approved by City of Long Beach.

If a prime Contractor substitutes an SBE/VSBES/LSBE vendor/supplier, the Contractor shall provide proof, to the satisfaction of SBE staff, that a good faith effort was made to replace that vendor's/supplier's participation percentage with another SBENSBE/LSBE firm, to meet the combined SBENSBE/LSBE participation percentage specified on the Contractor's SBENSBE/LSBE Commitment Plan. At project closeout, if the prime Contractor fails to meet the combined SBENSBE/LSBE participation percentage specified on its SBENSBE/LSBE Commitment Plan, or fails to provide proof that it made a good faith effort to do so, the Contractor may be considered to be in material breach of contract.

For a prime contractor to request a revision to its approved contract SBE commitment, it must submit a Substitution Replacement Form (COLB FORM SBE 4C or COLB FORM SBE 4P) to the City for approval. (Contact Business Services Bureau at (562) 570-6200 or send an email at sbe@longbeach.gov for more information on this form.)

Upon receipt of this form, the City will implement the following procedure:

1. Contact the SBE subcontractor being terminated or replaced to verify information provided by the prime contractor.

2. Do not consider a more advantageous subcontract with another subcontractor as a valid reason for SBE subcontractor termination or replacement.
3. Ensure the substitution procedure outlined in the contract SBE Special Provision is followed prior to approving the termination or substitution of an approved SBE subcontractor.
4. Obtain a completed SBE Commitment Plan form from the prime contractor with original prime contractor and SBE subcontractor signatures, for any new or replacement SBE subcontractors to be added to the previously approved contract SBE commitment. Ensure the following information is included with the SBE Commitment Plan form:
 - o items and quantity of work to be performed
 - o materials being supplied
 - o dollar value of subcontract, materials or services
 - o total amount of SBE commitment
 - o if the SBE is a material supplier, an explanation of the function performed
5. Notify the prime contractor and the applicable City project manager or staff of the approval or denial of the SBE commitment revision. Forward the COLB Substitution/Change Form, the appropriate letter, and any file documentation to the prime contractor and City project management staff.

CONTACT INFORMATION and ASSISTANCE

For questions or assistance, please contact the Business Services Bureau:

Department of Financial Management
Business Services Bureau
333 W. Ocean Blvd., 7th Floor
Long Beach, CA 90802
(562) 570-6200 Telephone
(562) 570-5099 Fax
Email: sbe@longbeach.gov

For more information or to download SBE forms, please visit:
<http://www.longbeach.gov/finance/business-info/compliance/small-business-enterprises/>

OFFICE OF THE CITY ATTORNEY
ROBERT E. SHANNON, City Attorney
333 West Ocean Boulevard, 11th Floor
Long Beach, CA 90802-4664

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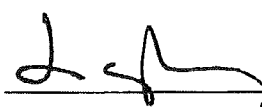
Section 4. The City Clerk shall certify to the passage of this ordinance by the City Council and cause it to be posted in three (3) conspicuous places in the City of Long Beach, and it shall take effect on the thirty-first (31st) day after it is approved by the Mayor.

I hereby certify that the foregoing ordinance was adopted by the City Council of the City of Long Beach at its meeting of April 7, 2009, by the following vote:

Ayes: Councilmembers: S. Lowenthal, DeLong, Schipske,
Andrews, Reyes Uranga, Gabelich,
Lerch.


Noes: Councilmembers: None.

Absent: Councilmembers: O'Donnell.



City Clerk

Approved: 4/12/09
(Date)



Mayor

EXHIBIT A

The City of Long Beach Small Business Enterprises (SBE), Very Small Business Enterprises (VSBE) and Local Small Business Enterprise (LSBE) Pilot Program (the "Program").

1.0 Applicability

The Program shall apply to all applicable construction contracts, professional services contracts, and procurement activities undertaken by City of Long Beach Departments of Public Works and Parks, Recreation and Marine, funded with City general fund revenues and/or federal funds, except those subject to 49 CFR 26, "Disadvantaged Business Enterprises (DBE) Program" or those requiring compliance with the City's Section 3 program, and the Department of Gas and Oil, funded with gas or oil revenue. The Program shall not apply to projects or purchases using Tidelands funds or funds from the South East Resource Recovery Facility (SERRF) or projects performed by oil contractors Thums and Tidelands.

2.0 Policy

2.1 The City shall promote utilization of Small Business Enterprises (SBEs), Very Small Business Enterprises (VSBEs) and Local Small Business Enterprises (LSBEs) on construction contracts, professional services contracts, and purchase orders.

2.2 The goal of the Program is to provide the City with more competition, lower costs, and better community participation by reducing barriers to small and local business participation in the City's contracting and procurement process.

2.3 The Program shall be administered in a streamlined and cost effective manner by the City's Business Services Manager, operating under the appropriate bureau managing director, division director, and section manager.

2.4 For the Department of Parks, Recreation and Marine, VSBE participation will not be tracked separately from SBE participation, due to the large number of small contracts (less than \$100,000) and the administrative costs of tracking SBEs and VSBEs separately.

3.0 Program Structure

The Program was established by an ordinance adopted on _____, 2009 by the City Council of the City of Long Beach, and became effective on _____, 2009.

4.0 Program Applicability to Non-SBE Firms, SBE Firms and VSBE Firms

4.1 Non-SBE prime contractors/consultants/vendors shall meet the combined SBE/VSBE/LSBE participation goal, or document and submit an acceptable Good Faith Effort, for their bid or proposal to be deemed responsive.

4.1.1 The Department of Public Works shall identify and may exempt from the requirements of this Program any project requiring compliance with the City's Section 3 Program, established by federal court consent decree. In cases where a determination is made to exempt a project due to the Section 3 requirements, submission of a Good Faith Effort shall not be required for a bid or proposal to be deemed responsive.

4.2 SBE prime contractors/consultants/vendors, certified through the City's online SBE/VSBE/LSBE database and verified by the City, are deemed to have met the SBE component of the combined SBE/VSBE/LSBE participation goal, but shall meet the VSBE component for the goal, or document and submit an acceptable Good Faith Effort, for their bid or proposal to be deemed responsive.

4.3 City-certified SBE prime contractors/consultants/vendors who also qualify as a Very Small Business Enterprise (VSBE) based upon the Business Services Manager's review of qualifying information are deemed to have met both components of the combined SBE/VSBE/LSBE participation goal.

4.4 The City encourages all prime contractors/consultants/vendors to utilize small business subcontractors and subconsultants, whether at a first tier or lower tier sub level, as well as vendors and suppliers. Lower tier subs and vendors/suppliers must provide services/materials directly related to the project or they will not qualify to meet the goal.

5.0 SBE, VSBE and LSBE Eligibility

5.1 SBE eligibility is determined utilizing federal U.S. Small Business Administration (SBA) size standards, based on North American Industrial Classification System (NAICS) codes. The current table of size standards can be accessed on the SBA website at www.sba.gov/ca/la. Examples of maximum gross annual revenue averaged over the past three years to qualify as an SBE: general contractor \$31.0 million; specialty trade contractor \$13.0 million; engineering services \$4.5 million.

5.2 VSBE eligibility is determined utilizing maximum allowable annual gross revenues consistent with those of the State of California's Department of General Services' "micro-business" designation.

5.3 Local Small Business Enterprise (LSBE) eligibility shall be determined by the criteria established in section 2.84.030, subdivisions (1) and (2), in addition to the SBE eligibility criteria described in section 5.1, above.

6.0 Annual SBE/VSBE/LSBE/LSBE Goals, Individual Contract Goals, Division Goals

6.1 For the first year of the Program, annual City-wide SBE/VSBE/LSBE goals for participation shall be twenty percent (20%) for procurement and contracting of services, which include ten percent (10%) general SBE participation; five percent (5%) LSBE participation and five percent (5%) VSBE participation.

6.2 In order to meet the established goals, the Program Manager for each contract will consult with the Business Services Manager. Goals may be adjusted due to the number of qualified SBE/VSBE/LSBE firms available to provide the required services. If the dollar value of the work elements of a contract that can be performed by SBEs, VSBEs and/or LSBEs is high, the contract will have a higher SBE, VSBE and/or LSBE participation goal than one where only a small portion of the work could be competitively performed by SBEs, VSBEs or LSBEs.

6.3 The following is a method for determining SBE/VSBE/LSBE contract goals. Starting with a detailed cost estimate for each contract, the contract Program Manager will identify the types and amounts of work to be performed in the contract using universal codes established by the North American Industrial Classification System (NAICS). The Business Services Manager will research government and City databases and locate potential small

businesses for each work discipline. The goals are then established based on two factors: (1) the number of SBEs/VSBEs/LSBEs available to perform a work discipline; and (2) the amount of work in the contract scope that the discipline represents.

6.4 For City contracts that do not have an assigned contract-specific SBE/VSBE/LSBE goal, additional targeted outreach to SBEs/VSBEs/LSBEs will be conducted, and every effort will be made to award the work to a small business.

6.5 Certain categories of work are exempted from the Program requirements for compelling reasons after consultation with the Business Services Manager and approval by appropriate division director.

7.0 Definitions of "Subcontractor" and "Vendor/Supplier"

7.1 A "Subcontractor" is defined as an individual, firm, or entity having a direct contract with the prime contractor or with any other subcontractor to perform a portion of the subject contract. A subcontractor must have a valid State of California Contractor's License to the extent required by law.

7.2 A "Vendor/Supplier" is defined as an individual, firm, or entity providing materials or supplies directly to the subject contract. For a prime contractor to receive participation credit for utilizing an SBE/VSBE/LSBE vendor or supplier under the City's SBE/VSBE/LSBE Program, the materials/supplies must be directly applicable to the subject contract or City facility.

8.0 City's SBE/VSBE/LSBE Database: Vendor Registration and SBE Certification

8.1 All firms (large and small) wishing to do business with the City are strongly encouraged to register with the City's online database. Vendor registration is relatively simple and quick. A link to vendor registration is provided from the SBE/VSBE/LSBE Program page on the City's website.

8.2 All SBE/VSBE/LSBE firms listed on a City contract (prime contractor/consultant, subcontractors/subconsultants, vendors and suppliers) are required to register with, and obtain SBE certification from, the City's online vendor database, in order to receive credit toward the established SBE/VSBE/LSBE goal for that contract.

8.3 For the prime contractor/consultant to receive credit for a small business as part of the prime's commitment to meeting the established SBE/VSBE/LSBE goal for a contract, the SBE must be certified by the due date of the prime's SBE/VSBE/LSBE Commitment Plan (COLB Form SBE- or SBE-).

8.4 To apply for VSBE status, the small business must check the "VSBE" box on its online SBE certification application. Separate VSBE certifications will not be issued. The City will determine VSBE eligibility at the time of review of the prime contractor's/consultant's SBE/VSBE/LSBE Commitment Plan.

8.5 Prior to contract award, SBE, VSBE and LSBE status shall be verified and may be audited by the City.

9.0 Bidders' Commitment to Meeting the Established SBE/VSBE/LSBE Participation Goals

9.1 All construction contract bidders shall submit a completed SBE/VSBE/LSBE Commitment Plan for Construction Contracts indicating the dollar value and percentage of SBE/VSBE/LSBE contract participation.

9.2 The City may, in its discretion, allow bidders up to three (3) additional business days to submit Good Faith Effort documentation. A bidder that does not meet the SBE/VSBE/LSBE participation goals and does not submit its GFE documentation is declared non-responsive and may forfeit its bidder's bond.

9.3 If all three lowest bidders are declared non-responsive, the fourth-lowest bidder shall submit its SBE/VSBE/LSBE Commitment Plan (COLB Form SBE-) within 48 hours of written request by the City. The bidder's Commitment Plan will be evaluated by the Business Services Manager. If the bidder does not meet the combined SBE/VSBE/LSBE participation goal established for that contract, the bidder shall submit its Good Faith Effort documentation within 48 hours of request by the City.

9.4 Bidders that do not meet the SBE, VSBE or LSBE participation goal shall be deemed non-responsive unless they demonstrate that they have made an acceptable Good Faith Effort to meet the SBE/VSBE/LSBE participation goals.

9.5 Within three business days of being informed by the City that a firm is non-responsive because it has failed to meet the SBE/VSBE/LSBE participation goal and has not documented an acceptable Good Faith Effort (GFE), the bidder may request administrative reconsideration. The bidder shall make this request in writing to appropriate Managing Director who will serve as the SBE Reconsideration Official. The SBE Reconsideration Official will not be involved in the initial evaluation of the bidder's GFE. Contractors shall forfeit their right for reconsideration if they fail to act within three business days.

9.6 The reconsideration process provides an opportunity for the affected bidder to meet with the SBE Reconsideration Official to discuss the basis of the City's determination of non-responsiveness. The SBE Reconsideration Official will send the affected bidder a written decision on reconsideration, via certified mail, explaining the basis for finding that the bidder did or did not meet the participation goal or demonstrate an acceptable Good Faith Effort.

10.0 Proposers' Compliance with SBE/VSBE/LSBE Participation Goals

10.1 All proposers shall submit, with their proposal or Statement of Qualifications, a completed COLB Form SBE- : SBE/VSBE/LSBE Commitment Plan for Professional Services Contracts, indicating the estimated dollar value and percentage of SBE/VSBE/LSBE contract participation. This will demonstrate the proposer's ability or intent to meet the SBE/VSBE/LSBE participation goals.

10.2 If, during the evaluation process, the City finds that the proposer was unable to show ability or intent to meet the SBE/VSBE/LSBE goals assigned to the project, the proposer will be required to submit a Good Faith Effort in order to continue in the selection process.

10.3 Consultants shall indicate SBE/VSBE/LSBE participation levels prior to receiving authorization for a work task.

10.4 After negotiations have been completed and the Consultant contract is executed, achieving the SBE/VSBE/LSBE goal is a contractual commitment and can only be altered with

written approval of the appropriate City division director, for unusual instances such as a change in scope of services.

11.0 Bidder and Proposer Compliance with Good Faith Effort Evaluation Criteria

A bidder/proposer whose bid or proposal fails to meet the SBE, VSBE or LSBE participation goal shall be found responsive if an acceptable Good Faith Effort is demonstrated. The following criteria shall be used in evaluating a bidder's/proposer's GFE:

11.1 Attend Pre-Bid/Pre-Proposal Meeting: The bidder/proposer submitted written evidence that he/she attended the pre-bid conference or pre-proposal meeting.

11.2 Subdivide the Work: The bidder/proposer prepared and followed a plan to subdivide the work into disciplines or work elements that could be economically performed by small businesses. It is the bidder's/proposer's responsibility to demonstrate that sufficient work was made available to SBEs, VSBEs and LSBEs to meet contract requirements.

11.3 Advertise: The bidder/proposer submitted written evidence of commercial advertising for small business subcontractors/subconsultants at least 14 calendar days prior to the bid/proposal due date. A copy of the advertisement showing the advertisement date(s), name of publication, type of work and amount of work that is being solicited, must be provided.

11.4 Use Public Databases: The bidder/proposer submitted written evidence of using the City's SBE/VSBE/LSBE database, shall business, minority business, and women-owned business associations, and chambers of commerce to help solicit subcontractors.

11.5 Provide Relevant Information to Small Businesses: The bidder/proposer submitted written evidence that he/she has provided interested small business with information about the requirements of the contract, and how to obtain plans and specifications, at least 14 calendar days prior to the bid/proposal due date.

11.6 Directly Solicit Small Businesses: The bidder/proposer submitted written evidence of directly soliciting for small business subcontractors/subconsultants. A copy of the written notices sent directly to SBEs, VSBEs and LSBEs must be provided. A direct solicitation should include the type of work, amount of work, and a brief specific description of the work being solicited.

11.7 Conduct Follow-Up: The bidder/proposer submitted written evidence of specific activities used to follow up initial solicitations in preparing the bid/proposal.

11.8 Offer Assistance: The bidder/proposer demonstrated that he/she has offered to assist small businesses in obtaining bonding, insurance or equipment.

11.9 Negotiate: The bidder/proposer submitted written evidence that he/she has negotiated in good faith with interested small businesses. Documentation must include company name, contact person, method of contact, and specific items that were negotiated (scope of work, materials, equipment, insurance, bonding, personnel, timing of project, etc.).

11.10 Document Bid and Negotiation Results: For any negotiations which were unsuccessful and/or bids/proposals received but not accepted, the bidder/proposer submitted the unsuccessful bidder's/proposer's company name, telephone number, contact person, price bid (if applicable), and the reason for rejecting the bid or proposal. If price is the reason for

rejecting the bid/proposal, list the price bid by both the SBE/VSBE/LSBE and the low bidder for that element of work.

Each of the 10 criteria will be assigned 10 points. The bidder/proposer must achieve a score of 70 out of a possible 100 points in order for the Business Services Manager to determine that the bidder/proposer has made an acceptable Good Faith Effort (GFE).

For detailed GFE submittal instructions and specific examples, log on to www._____ and click on "Good Faith Effect Evaluation criteria and Submittal Instructions."

12.0 Utilization/Substitution of SBEs/VSBEs/LSBEs on Construction Contracts

12.1 During the term of the contract, the prime Contractor shall be required to utilize all Subcontractors (as defined in Section 7.0 of this document) listed on its SBE/VSBE/LSBE Commitment Plan (COLB Form SBE-), in the amount and percentage specified on the form. Any SBE/VSBE/LSBE subcontractor substitution will require prior written approval by the appropriate City division director, and must meet all State laws and statutes.

12.2 All Subcontractors listed on COLB Form SBE- , who defined work is greater than ½ of one percent of the prime contract value, must be listed on the bidder's list of Subcontractors submitted with the bid documents. If an SBE/VSBE/LSBE Subcontractor is added after submittal of the bidder's list of Subcontractors, the bidder shall follow Subcontractor listing/substitution procedures pursuant to Public Contract Code 4107 et al.

12.3 If a prime Contractor substitutes an SBE/VSBE/LSBE vendor/supplier, the Contractor shall provide proof, to the satisfaction of the appropriate City division director, that a good faith effort was made to replace that vendor's/supplier's participation percentage with another SBE/VSBE/LSBE firm, to meet the combined SBE/VSBE/LSBE participation percentage specified on the Contractor's SBE/VSBE/LSBE Commitment Plan (COLB Form SBE-). At project close-out, if the prime Contractor fails to meet the combined SBE/VSBE/LSBE participation percentage specified on its SBE/VSBE/LSBE Commitment Plan, or fails to provide proof that it made a good faith effort to do so, the Contractor may be considered to be in material breach of contract (refer to Section 16.0).

13.0 Utilization/Substitution of SBEs/VSBEs/LSBEs on Professional Services Contracts

13.1 During the term of the contract, the prime Consultant shall be required to utilize all subconsultants listed on its SBE/VSBE/LSBE Commitment Plan (COLB form SBE-), unless the City approves a change in scope of work that would eliminate or reduce the utilization of an SBE, VSBE or LSBE subconsultant. Any SBE/VSBE/LSBE subconsultant substitutions require prior written approval by the appropriate City division director.

13.2 If a prime Consultant substitutes an SBE/VSBE/LSBE vendor/supplier, the Consultant shall provide proof, to the satisfaction of the appropriate City division director, that a good faith effort was made to replace that vendor's/supplier's participation percentage with another SBE/VSBE/LSBE firm, to meet the combined SBE/VSBE/LSBE participation percentage specified on the Consultant's SBE/VSBE/LSBE Commitment Plan.

14.0 Contract Amendments

If the City approves a change order or contract amendment, the SBE/VSBE/LSBE participation goals may, at the sole discretion of the appropriate City division director, apply to the change

order or contract amendment. If the additional work can be performed by SBEs, VSBEs or LSBEs that are already part of the Contractor's/Consultant's team, the SBE/VSBE/LSBE participation goals shall apply to the entire contract, including the amendment.

15.0 Contract Monitoring

15.1 The prime Contractor/Consultant shall report the dollar value of payments to small businesses at project close-out. This data will be verified. Construction contractors shall submit a completed COLB Form SBE- (SBE/VSBE/LSBE Monthly Utilization Report for Construction Contracts), and consultants shall submit a completed COLB Form SBE- (SBE/VSBE/LSBE Monthly Utilization Report for Professional Services Contracts).

15.2 If a firm's SBE, VSBE or LSBE status changes prior to contract award, the firm will not receive SBE/VSBE/LSBE status for that City contract.

15.3 If an SBE, VSBE or LSBE firm listed on a prime Contractor's/Consultant's SBE/VSBE/LSBE Commitment Plan (POLB Form SBE-2C or SBE-2P) loses its SBE or VSBE status prior to contract award, the Contractor/Consultant shall replace the affected SBE/VSBE/LSBE dollar amount/percentage and shall submit for approval, a revised COLB Form SBE- or SBE- , in order to proceed with contract award.

15.4 If a firm's SBE, VSBE or LSBE status changes during the term of a contract, work performed on that contract after the firm loses its certification will continue to be credited toward meeting the SBE, VSBE or LSBE participation goal. However, the firm will not be able to receive SBE/VSBE/LSBE status on subsequent City projects unless the firm is subsequently re-certified as an SBE, VSBE or LSBE.

15.5 Substitution of any SBE, VSBE or LSBE subcontractor/subconsultant listed on a prime Contractor's/Consultant's SBE/VSBE/LSBE Commitment Plan must be approved by the appropriate City division director.

15.6 {For Construction Contracts only} Nothing herein shall be construed to supersede or limit the requirements for contractor substitutions provided in Section 4100 et seq. of the California Public Contract Code.

15.7 The Construction Manager, Program Manager, Business Services Manager, or their designee may conduct site visits and subcontractor/subconsultant/vendor/supplier interviews and telephone calls to verify proper and full utilization of SBEs, VSBEs and LSBEs to meet contract requirements. Prime contractors/consultants/vendors and SBEs/VSBEs/LSBEs shall fully cooperate with such monitoring.

16.0 Contract Compliance

16.1 The Prime Contractor/Consultant may be considered in material breach of contract for any one or more of the following violations:

16.1.1 Failure to submit, in a timely manner, a SBE/VSBE/LSBE Monthly Utilization Report (COLB Form SBE- or SBE-);

16.1.2 Failure to correct discrepancies found on COLB Form SBE- or SBE- ;

16.1.3 Falsifying or misrepresenting any information provided to the City, including information provided on the City's online SBE/VSBE/LSBE database;

16.1.4 Substituting a SBE/VSBE/LSBE subcontractor/subconsultant without prior written City approval; and/or

16.1.5 Failure to meet the committed SBE/VSBE/LSBE participation percentage as listed on the prime's COLB Form SBE- or SBE- .

16.2 In addition to any other remedy the City may have under the Contract or by operation of law, the City, in its sole discretion, may impose any or all of the following provisions against Contractor/Consultant determined to be in breach of contract.

16.2.1 Assess the cost of the City's audit of the books and records of the Contractor/Consultant, subcontractors/subconsultants, and all other firms claiming SBE, VSBE or LSBE status, where such audit is necessary because the Contractor has failed to timely submit a required SBE, VSBE or LSBE program report;

16.2.2 Withhold payment up to ten percent of a monthly progress payment until the Contractor/Consultant is brought into compliance.

16.3 Within three business days of written notification of the intent to enforce any of the measure described above, the Contractor/Consultant may submit in writing a request for an administrative hearing conducted by the City's SBE Reconsideration Official, as defined in Section 9.0.

17.0 Small Business Facilitation

17.1 To the extent practicable, the City will endeavor to disassemble larger construction and procurement projects into contract packages of \$15 million or less. This amount is estimated to be the current bonding limit of heavy construction SBEs.

17.2 The City will conduct pre-bid meetings for individual construction projects between advertisements and bid openings. These will provide opportunities to raise questions about the SBE/VSBE/LSBE Program, plans and specifications, and will also provide an opportunity for primes, subcontractors, vendors and suppliers to meet.

17.3 The City will conduct training forums for SBEs, VSBEs and LSBEs interested in providing contracting and/or consulting services to the City.

17.4 The City will conduct periodic Good Faith Effort/small business outreach training for prime contractors/consultants/vendors interested in working with the City.

17.5 The City will cooperate with other agencies in providing SBE/VSBE/LSBE contractor and consultant training.

17.6 The City will provide referral information to SBE/VSBE/LSBE contractors and consultants on available loan, insurance, and bonding programs that could assist small businesses.

17.7 The City will coordinate outreach activities with the appropriate divisions of the City of Long Beach.

17.8 The City will participate in business and vendor fairs directed at local and small businesses.

18.0 Periodic Review

18.1 City staff will seek periodic comments from City contractors, consultants, and small businesses on the effectiveness of the SBE/VSBE/LSBE Program.

18.2 The Program is a pilot program, and shall be in effect for one year from the date of adoption of the ordinance, unless extended by action of the City Council. As soon as practicable following the conclusion of the initial year, City staff shall report to the City Council on the effectiveness and progress of the Program. The report shall include data on contracts issued in the preceding twelve months and payments to all SBE, VSBE and LSBE contractors, consultants, vendors and suppliers. To the extent possible, the cost effectiveness of the Program, including City staff costs, will also be measured.



COLB FORM SBE-2P: SBE/VSBE/LSBE COMMITMENT PLAN

SECTION 1

Project Name:	Irrigation Controller Upgrades	Date:	12/4/18
Prime Vendor:	American Landscape Inc.	Prime Contract \$ Amount:	1,865,154.00

Estimated \$ Value of Prime's Participation:	\$1,641,354.00	Estimated % of Prime's Participation:	87.8%
Estimated \$ Value of SBE Participation:	\$223,800.00	Estimated SBE % of Prime Contract \$ Amount:	12.2%
Estimated \$ Value of VSBE Participation:	N/A	Estimated VSBE % of Prime Contract \$ Amount:	N/A
Estimated \$ Value of LSBE Participation:	N/A	Estimated LSBE % of Prime Contract \$ Amount:	N/A

SECTION 2 (please refer to instructions on page 2)

Business Name, City, State, Contact Person, Phone #	Indicate "SBE", "VSBE" or "LSBE"	Indicate if 1st Tier Sub, Lower Tier Sub, Vendor or Supplier	Contract With	Brief Description of Work	\$ Value of Subcontract, Materials or Services	% of Total Prime Contract Value
<i>Ex #1: ABC Land Surveyors Long Beach, CA Mr. Joe Smith, (562) 555-1212</i>	LSBE	1st tier sub	XYZ Prime Consultant	Land surveying	\$100,000	20%
<i>Ex #2: Tom's Survey Supplies Long Beach, CA Mr. Tom Jones, (562) 555-1313</i>	VSBE	Supplier	ABC Land Surveyors	Surveying supplies	\$5,000	1%
<i>Ex #3: Banana Blueprints Irvine, CA Mrs. Diane Tomas, (562) 555-1313</i>	SBE	Supplier	XYZ Prime Consultant	Blueprint Supplies	\$10,000	2%
Elevating SalesCorp	SBE	Supplier	American Landscape	Landscape Supplies	\$223,800.00	12.2%

CARLY PETERSON

Completed by: Prime Consultant Contact (please print or type)

Carly Peterson

Signature

818-963-1776

Phone #

12/3/18 *JWilliam@AMERICANLANDSCAPE.COM*

Date

Email

Supplier Profile

State of California Certification



Certification ID: 1785259

Legal Business Name
ELEVATING SALES CORP.

Doing Business As (DBA) Name 1:
Elevating Sales Corp. (Electrical Contractor and Electrical Products Supplier)

Doing Business As (DBA) Name 2:
Elevating Sales Corp. (Electrical Contractor and Electrical Products Supplier)

Office Phone Number
714/404-2023

Business Fax Number
888/401-1669

Business Web Address
http://www.DVBElectric.com

Service Areas
Los Angeles, Orange, Riverside, San Bernardino, San Diego

Address:
**331 BREA HILLS AVE.
BREA
CA 92823**

Contact:
mike@dybeelectric.com

Phone:
714/404-2023

Business Types:
Construction, Non-Manufacturer, Service

Notification Preferences:
Email

[View Keywords](#)

[View Classifications](#)

Active Certifications

Certification Type	Status	From	To
DVBE	Approved	04/25/2017	04/30/2019
SBE (Micro)	Approved	04/25/2017	04/30/2019

EXHIBIT G

Acknowledged Addenda

Contract No. 35216

Contractor: American Landscape, Inc.



City of Long Beach

Department of Financial Management
Purchasing Division
333 W Ocean Blvd. 7th floor, Long Beach, California 90802
p 562.570.6200

October 24, 2018

NOTICE TO PROPOSERS

ADDENDUM NO. 1: Revisions

**RFP No. ITB PR18-153
Irrigation Controller Upgrades**

This addendum changes and supersedes the language in the original ITB. Please acknowledge receipt of this addendum by signing and submitting with your proposals. Any proposer who fails to submit this addendum may be disqualified.

The City would like to remind Proposers that pursuant to Page 4, Section 5 of the ITB, the City will not be responsible for or bound by (1) any oral communication or (2) any other information or contact that occurs outside the official communication process specified in the ITB, unless confirmed in writing by the City Contact or Alternate City Contact.

The City would like to provide the following changes:

Page 14 of 44 Non-Mandatory Pre-Proposal Meeting shall be updated with:

Phone Number: 1-408-792-6300
Passcode: 282 642 583

PREPARED BY: Tommy Ryan, Acting Buyer

ACKNOWLEDGED BY: AMERICAN LANDSCAPE INC
 Company Name

Joseph Pulliam BUSINESS DEVELOPMENT
 Print Name Title

[Signature] 12-3-18
 Signature Date



City of Long Beach

Department of Financial Management
Purchasing Division
333 W Ocean Blvd. 7th floor, Long Beach, California 90802
p 562.570.6200

November 19, 2018

NOTICE TO PROPOSERS

ADDENDUM NO. 2: Q & A

**ITB No. PR18-153
Irrigation Controller Upgrades**

This addendum changes and supersedes the language in the original ITB. Please acknowledge receipt of this addendum by signing and submitting with your proposals. Any proposer who fails to submit this addendum may be disqualified.

The City would like to remind Proposers that pursuant to Page 4, Section 5 of the ITB, the City will not be responsible for or bound by (1) any oral communication or (2) any other information or contact that occurs outside the official communication process specified in the ITB, unless confirmed in writing by the City Contact or Alternate City Contact.

The City would like to provide the following communication:

All submitted approved equal requests have been denied. Submitted bids shall adhere to the specifications requested by the City in the bid documents.

The questions and answers are as follows:

1. Q: For this job, is there any type of layout plan or a site plan? Just so we can figure out what we're dealing with.

A: Not at this time.

2. Q: We see the specifications call for CalSense controllers to be called for, however there is a provision for "or equal." Would the City consider an alternative manufacture of controllers that would be "or equal?"

A: Please see the communication section above.

Addendum #2 ITB PR18-153

3. Q: Will the City consider a proposal response that is not a "CalSense" brand?

A: Please see the communication section above.

4. Q: Would it be possible to bid an equivalent/better solution than the CS3000?

A: Please see the communication section above.

5. Q: Is there a proposed overall project schedule?

A: Please refer to specifications pages 23-24. Installations of the controllers shall proceed at no less than five (5), but less than ten (10) controllers per week.

6. Q: Are you assuming that the Base Model CS 3000 includes the following sensors: CS3-W-KIT; Wind Gage?

A: No sensors or wind gage. Please refer to the parts specified in the parts list.

7. Q: There is conflicting information on instruction to bidders regarding wage requirements. The instructions to bidders mentions state prevailing wages, PLA and compliance with Davis Bacon Act. Are the wages for this project State Prevailing or Federal Prevailing (Davis Bacon)?

A: Based on funding sources, Davis Bacon Act is not applicable to this bid. For prevailing wage requirements, please see "California Wage Rate Requirements" and "Department of Industrial Relations (DIR) Compliance" sections on pages 19-20 of the bid document.

8. Q: Is the SBE/VSBE/LSBE Goal of 12.2% a goal that has to be met or is the Good Faith Effort process sufficient? The reason we ask is this project is primarily a controller component replacement project and there are no major SBE/VSBE/LSBE supplier of such components.

A: If the prime bidder does not illustrate intent to meet the combined SBE/VSBE/LSBE project goal, the bidder must submit a Good Faith Effort (GFE) with the bid, and pass the GFE evaluation, for the bid to remain responsive.

Addendum #2 ITB PR18-153

9. Q: The specification section of this project mentions the replacement of damaged existing improvements. When we trench thru existing grass/turf areas are we to repair such areas with sodded turf or seeded turf?

A: Repair such areas with Bermudagrass sod.

PREPARED BY: Tommy Ryan, Acting Buyer

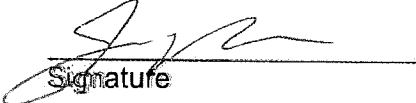
ACKNOWLEDGED BY: AMERICAN LANDSCAPE INC.
Company Name
JOSEPH FULLON BUSINESS DEVELOPMENT
Print Name Title
 12-3-18
Signature Date

EXHIBIT H

Contract Pricing

Contract No. 35216

Contractor: American Landscape, Inc.

Bid Results

Bidder Details

Vendor Name American Landscape Public Works
Address 7013 owensmouth ave
 canoga park, CA 93013
 United States
Respondee Joe Pulliam
Respondee Title Business Development
Phone 818-963-1776 Ext.
Email pwestimating@americanlandscape.com
Vendor Type NONE

Bid Detail

Bid Format Electronic
Submitted December 4, 2018 10:51:35 AM (Pacific)
Delivery Method electronic
Bid Responsive Yes
Bid Status Submitted
Confirmation # 160740
Ranking 0

Respondee Comment

Bid Items #734, #735, #736 do not include hourly rates, as those dollars were adding to the bottom line. Hourly rates are available upon request.

Buyer Comment

Attachments

File Title	File Name	File Type
Scanned Bid Documents	Scanned Bid Documents.pdf	Scanned Bid Document (Pages 1-26)
Attachments A-F	Bid Docs Attachment A thru F.pdf	Attachments A - F
Addenda	Addenda Attachment.pdf	Addenda (if any are posted)

Line Items

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
Discount Terms no discount							
Parts - 14th Street Park East							
1	8-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM1	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
2	1½" PVC Sch 80 tee-mounted Flow Meter						
	FM 1.5	EA	1	\$789.0000	\$789.0000	\$789.0000	
3	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
4	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
5	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
6	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
7	2' Master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$9,032.0000	\$9,032.0000	
	Parts - 14th Street Park West						
8	8-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM1	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
9	1½" PVC Sch 80 tee-mounted Flow Meter						
	FM 1.5	EA	1	\$789.0000	\$789.0000	\$789.0000	
10	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
11	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
12	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
13	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
14	2' Master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$9,032.0000	\$9,032.0000	
	Parts - Bixby Knolls						
15	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
16	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
17	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
18	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
19	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
20	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
21	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
22	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
23	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
24	3' Master valve, Griswold						
	2000 Series	EA	1	\$770.0000	\$770.0000	\$770.0000	
				Subtotal	\$12,719.0000	\$12,719.0000	
	Parts - Bixby Park Band Shell						
25	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
26	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
27	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
28	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
29	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
30	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,141.0000	\$12,141.0000	
	Parts - Bixby Park Community Center						
31	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
32	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
33	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
34	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
35	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
				Subtotal	\$9,268.0000	\$9,268.0000	
	Parts - Bixby Park North						
36	24-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM1	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
37	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
38	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
39	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
40	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$9,268.0000	\$9,268.0000	
	Parts - Bixby Park Old Restroom						
41	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
42	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
43	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
44	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
45	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$7,758.0000	\$7,758.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
Parts - Bixby Park South							
46	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
47	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
48	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
49	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
50	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
51	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
52	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
53	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
54	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
55	4' Master valve, Griswold						
	2000 Series	EA	1	\$2,761.0000	\$2,761.0000	\$2,761.0000	
				Subtotal	\$14,710.0000	\$14,710.0000	
Parts - Chavez Elementary							
56	Retrofit existing Calsense ET2000e or older model controller with an additional 8-stations. TP-1 upgraded to match no additional charge. Install City owned Controller: ET2000E- 12-GR-RRE/SSE-R, S/N 43785, (Upgrade to 24 Stations)						
	STATION-UPGRADE	EA	1.5	\$720.0000	\$1,080.0000	\$1,080.0000	
57	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
58	Retrofit existing Transient Protection Board (model TP-1) to include all stations and options.						
	TP-1-MOD	EA	1	\$202.0000	\$202.0000	\$202.0000	
59	2' Master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$2,585.0000	\$2,585.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
Parts - Cherry Park							
60	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
61	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$1,836.0000	\$1,836.0000	
Parts - College Estates Park, Community Center							
62	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
63	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
64	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
65	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
66	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
67	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
68	2' Master valve, Griswold. New enclosure (SB-36SS VIT Strongbox)						
	2160 Series	EA	1	\$731.0000	\$731.0000	\$731.0000	Excludes enclosure cost here.
				Subtotal	\$10,062.0000	\$10,062.0000	
Parts - Coolidge Park							
69	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
70	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	2	\$818.0000	\$1,636.0000	\$1,636.0000	
71	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
72	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	2	\$706.0000	\$1,412.0000	\$1,412.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
73	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	2	\$372.0000	\$744.0000	\$744.0000	
74	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
75	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
76	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
77	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
78	2' Master valve, Griswold						
	2160 Series MV	EA	2	\$731.0000	\$1,462.0000	\$1,462.0000	
				Subtotal	\$15,278.0000	\$15,278.0000	
Parts - DeForest Park Parking Lot							
79	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
80	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
81	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
82	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
83	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
84	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,897.0000	\$12,897.0000	
Parts - Drake Park Community Center							
85	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
86	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
87	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
88	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
89	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
90	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
91	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
92	3' Master valve, Griswold						
	2000 Series MV	EA	1	\$770.0000	\$770.0000	\$770.0000	
				Subtotal	\$11,612.0000	\$11,612.0000	
	Parts - Drake Park Tennis Court						
93	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
94	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
95	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
96	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
97	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
98	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
99	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
100	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
101	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
102	2' Master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$11,650.0000	\$11,650.0000	
	Parts - El Dorado Park #2, Archery						
103	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
104	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
105	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
106	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
107	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
108	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
109	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
110	8' Netafim Octave w/ ITS RAB						
	8' Netafim Octave w/ ITS RAB	EA	1	\$4,454.0000	\$4,454.0000	\$4,454.0000	
				Subtotal	\$14,416.0000	\$14,416.0000	
	Parts - El Dorado Park #2, Campsite						
111	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
112	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
113	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
114	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
115	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
116	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$12,043.0000	\$12,043.0000	
	Parts - El Dorado Park #2, Ranger Station						
117	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
118	Spread Spectrum Radio frequency filter						
	SR-FILTER	EA	1	\$490.0000	\$490.0000	\$490.0000	
119	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
120	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.						
	LMR-400-DB	EA	30	\$8.0000	\$240.0000	\$240.0000	
121	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
122	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
123	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	
124	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR-M	EA	1	\$4,317.0000	\$4,317.0000	\$4,317.0000	
125	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
126	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
127	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
128	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$20,295.0000	\$20,295.0000	
	Parts - El Dorado Park #2, Restroom #38						
129	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-40-WM	EA	1	\$6,739.0000	\$6,739.0000	\$6,739.0000	
130	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
131	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.						
	LMR-400-DB	EA	30	\$8.0000	\$240.0000	\$240.0000	
132	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
133	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
134	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	
135	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
136	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$14,423.0000	\$14,423.0000	
	Parts - El Dorado Park #2, Snake Road North						
137	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-40-WM	EA	1	\$6,739.0000	\$6,739.0000	\$6,739.0000	
138	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
139	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
140	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
141	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
142	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
143	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
144	8' Master valve, Griswold						
	2160 Series	EA	1	\$7,962.0000	\$7,962.0000	\$7,962.0000	
145	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
146	8' Netafim Octave w/ ITS RAB						
	8' Netafim Octave w/ ITS RAB	EA	1	\$4,454.0000	\$4,454.0000	\$4,454.0000	
				Subtotal	\$27,432.0000	\$27,432.0000	
Parts - El Dorado Park #2, Snake Road South							
147	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-40-WM	EA	1	\$6,739.0000	\$6,739.0000	\$6,739.0000	
148	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
149	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
150	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
151	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
152	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
153	Mastervalue, Griswold						
	2160 Series	EA	1	\$731.0000	\$731.0000	\$731.0000	No Size Called Out, Bid 2" Size
154	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
				Subtotal	\$15,041.0000	\$15,041.0000	
Parts - El Dorado Park #3, Arbor Grove Park Lot							
155	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
156	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
157	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
158	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
159	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
160	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
161	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
Parts - El Dorado Park #3, Boat House							
162	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
163	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
164	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
165	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
166	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
167	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$9,256.0000	\$9,256.0000	
Parts - El Dorado Park #3, Glider Field / Glider Field South Combo							

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
168	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
169	Spread Spectrum Radio frequency filter						
	SR-FILTER	EA	1	\$490.0000	\$490.0000	\$490.0000	
170	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
171	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
172	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
173	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
174	Spread Spectrum Radio omni-directional stick antenna operating at 8-dBi. Does not include antenna cable.						
	SR-STICK-8	EA	1	\$641.0000	\$641.0000	\$641.0000	
175	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
176	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR-M	EA	1	\$4,317.0000	\$4,317.0000	\$4,317.0000	
177	32-station base model CS3000 with wall-mount enclosure, support for a						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
178	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
179	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
180	Contractor to measure length and supply during field installation.						
	Calsense LMR-400-DB Cable	EA	1	no bid			30' included in other bid items.
				Subtotal	\$21,724.0000	\$21,724.0000	
	Parts - El Dorado Park #3, Glider Hill North						
181	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
182	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
183	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
184	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
185	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
186	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
187	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
	Parts - El Dorado Park #3, Lake View Grove						
188	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
189	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
190	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
191	Spread Spectrum Radio to provide wireless communication between						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
192	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
193	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
194	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
	Parts - El Dorado Park #3, Old Ranger Station						

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
195	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
196	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
197	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
198	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
199	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
200	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
201	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
	Parts - El Dorado Park #3, Overflow Parking by LA						
202	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
203	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
204	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
205	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
206	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
207	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
208	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
209	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
210	8' Netafim Octave w/ ITS RAB (2 each)						
	8' Netafim Octave w/ ITS RAB	EA	2	\$4,454.0000	\$8,908.0000	\$8,908.0000	
211	8' Master valve, Griswold						
	2160 Series	EA	2	\$7,962.0000	\$15,924.0000	\$15,924.0000	
				Subtotal	\$37,667.0000	\$37,667.0000	
Parts - El Dorado Park #3, Shopping Center							
212	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
213	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
214	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
215	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
216	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
217	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
218	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$11,374.0000	\$11,374.0000	
Parts - El Dorado Park #3 Train Loop North							
219	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
220	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
221	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
222	CS3000 FLOWSENSE® option. Allows sharing of cloud communication						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
223	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
224	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
225	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
Parts - El Dorado Park #3, Wardlow Entrance							
226	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
227	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
228	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
229	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
230	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
231	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
232	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$12,129.0000	\$12,129.0000	
Parts - El Dorado Park #3, World of Trees / Golden							
233	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
234	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
235	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
236	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
237	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
238	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
239	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$13,640.0000	\$13,640.0000	
	Parts - Grace Park						
240	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box SB-16SS stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).						
	CS3-8-SB16-RETRO	EA	1	\$4,942.0000	\$4,942.0000	\$4,942.0000	
241	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B						
	FMI INSERT	EA	1	\$486.0000	\$486.0000	\$486.0000	
242	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
243	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
244	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
245	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
246	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.						
	CS3-8STA-KIT	EA	1	\$756.0000	\$756.0000	\$756.0000	
				Subtotal	\$10,224.0000	\$10,224.0000	
	Parts - Gumbiner Park						
247	Retrofit existing ET2000e with cellular modem to provide communication with cloud-based Command Center Online web application or Command Center software. Requires antenna, purchased separately. (Existing: ET2000E-16- EN-RRE/SSE-R, S/N 43920)						
	GR-RETRO	EA	1	\$2,727.0000	\$2,727.0000	\$2,727.0000	
248	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
249	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
				Subtotal	\$4,177.0000	\$4,177.0000	
	Parts - Heartwell Park Area #1						
250	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
251	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).						
	FMBX	EA	1	\$977.0000	\$977.0000	\$977.0000	
252	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
253	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
254	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
255	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
256	3' Master valve, Griswold						
	2000 Series	EA	1	\$770.0000	\$770.0000	\$770.0000	
				Subtotal	\$11,015.0000	\$11,015.0000	
	Parts - Heartwell Park Area #3, Controller A/B Combined						
257	48-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules.						
	CS3-48-WM	EA	1	\$7,494.0000	\$7,494.0000	\$7,494.0000	
258	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
259	Hardwire communication card and terminal board to provide communication between CS3000 controllers using Paige P7171D communication cable. For controllers in wall-mount enclosures (models CS3-WM, CS3-WM1, and CS3-WM2).						
	CS3-M-KIT	EA	1	\$857.0000	\$857.0000	\$857.0000	
260	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
261	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
262	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
263	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$13,238.0000	\$13,238.0000	
Parts - Heartwell Park Area #3, Controller C/D Combined							
264	48-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules.						
	CS3-48-WM	EA	1	\$7,494.0000	\$7,494.0000	\$7,494.0000	
265	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
266	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
267	Hardwire communication card and terminal board to provide communication between CS3000 controllers using Paige P7171D communication cable. For controllers in wall-mount enclosures (models CS3-WM, CS3-WM1, and CS3-WM2).						
	CS3-M-KIT	EA	1	\$857.0000	\$857.0000	\$857.0000	
				Subtotal	\$9,493.0000	\$9,493.0000	
Parts - Houghton Park, Ballfield							
268	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
269	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
270	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
271	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
272	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
273	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
274	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

Printed 06/11/2019

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
275	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
276	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
277	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$12,170.0000	\$12,170.0000	
Parts - Houghton Park, Facilities Center							
278	16-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM1	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
279	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
280	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
281	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
282	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$8,500.0000	\$8,500.0000	
Parts - Houghton Park, Restroom							
283	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
284	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
285	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
286	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
287	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
288	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
289	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
290	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
291	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
292	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
293	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
294	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
295	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$17,426.0000	\$17,426.0000	
	Parts - Houghton Park, Skate Park						
296	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
297	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
298	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
299	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
300	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
				Subtotal	\$8,500.0000	\$8,500.0000	
	Parts - Jack Nichol Park						
301	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
302	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
303	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
304	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
305	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
306	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
307	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
308	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$11,548.0000	\$11,548.0000	
Parts - Jackson Park, East							
309	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
310	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
311	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
312	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
313	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
314	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
315	2' Master valve, Griswold						
	2000 Series	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$9,816.0000	\$9,816.0000	
Parts - Jackson Park, Pump Building							

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
316	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
317	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
318	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
319	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
320	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
321	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
322	2' Master valve, Griswold						
	2000 Series	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$9,816.0000	\$9,816.0000	
	Parts - Los Altos Park						
323	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
324	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
325	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
326	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
327	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
328	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
329	3' Master valve, Griswold						
	2160 Series MV	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$11,104.0000	\$11,104.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

Printed 06/11/2019

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
Parts - Los Cerritos Park Restrooms							
330	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
331	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
332	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
333	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
334	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
335	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
336	3' Master valve, Griswold						
	2000 Series MV	EA	1	\$770.0000	\$770.0000	\$770.0000	
				Subtotal	\$11,612.0000	\$11,612.0000	
Parts - Marina Vista Park A/B Combined							
337	40-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-40-WM	EA	1	\$6,739.0000	\$6,739.0000	\$6,739.0000	
338	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
339	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
340	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
341	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
342	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$13,652.0000	\$13,652.0000	
Parts - McBride Park							

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
343	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
344	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
345	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
346	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
347	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$7,758.0000	\$7,758.0000	
Parts - McBride Park Teen Center							
348	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
349	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
350	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
351	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
352	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
				Subtotal	\$7,758.0000	\$7,758.0000	
Parts - MLK Park, Ball Field							
353	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
354	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
355	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
356	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
357	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
358	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.						
	LMR-400-DB	EA	30	\$8.0000	\$240.0000	\$240.0000	
359	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
360	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
361	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$10,450.0000	\$10,450.0000	
	Parts - MLK Park, Community Center						
362	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
363	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	2	\$1,169.0000	\$2,338.0000	\$2,338.0000	
364	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
365	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
366	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
367	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
368	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
369	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$14,169.0000	\$14,169.0000	
	Parts - MLK Park, Playground						
370	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
371	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
372	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
373	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
374	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
	Parts - MLK Park, Pool						
375	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
376	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
377	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
378	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
379	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
380	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
381	2' Master valve, Griswold						
	2160 Series	EA	1	\$731.0000	\$731.0000	\$731.0000	
				Subtotal	\$9,294.0000	\$9,294.0000	
	Parts - Multi Services Facilities Center						

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
382	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
				Subtotal	\$1,169.0000	\$1,169.0000	
	Parts - Pan American Park Electrical Transformer						
383	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
384	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
385	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
386	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
387	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
	Parts - Pan American Park Restroom, A/B Combined						
388	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
389	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
390	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
391	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
392	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
393	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
394	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
395	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
				Subtotal	\$13,756.0000	\$13,756.0000	
	Parts - Promenade Square						
396	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box SB-16SS stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).						
	CS3-8-SB16-RETRO	EA	1	\$4,942.0000	\$4,942.0000	\$4,942.0000	
397	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B						
	FMI INSERT	EA	1	\$486.0000	\$486.0000	\$486.0000	
398	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
399	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
400	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
401	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.						
	CS3-8STA-KIT	EA	3	\$756.0000	\$2,268.0000	\$2,268.0000	
				Subtotal	\$11,441.0000	\$11,441.0000	
	Parts - Ramona Park						
402	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
403	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
404	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
405	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
406	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
407	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
408	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
409	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
410	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
411	3' Master valve, Griswold						
	2160 Series MV	EA	1	\$989.0000	\$989.0000	\$989.0000	
412	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$15,726.0000	\$15,726.0000	
	Parts - Recreation Park Lawn Bowling Building						
413	16-station base model CS3000 with wall-mount enclosure, 1 stubby antenna hole, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM1	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
414	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
415	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
416	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
417	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$8,500.0000	\$8,500.0000	
	Parts - Joe Rodgers Field/Restroom Combined						
418	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
419	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
420	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
421	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
422	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
423	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
424	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
425	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	2	\$1,169.0000	\$2,338.0000	\$2,338.0000	
426	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
427	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
428	3' Master valve, Griswold						
	2260 Series MV	EA	1	\$1,111.0000	\$1,111.0000	\$1,111.0000	
429	Contractor to measure length and supply during field installation.						
	Calsense LMR-400-DB Cable	EA	1	no bid			30' included in other bid items.
				Subtotal	\$16,727.0000	\$16,727.0000	
	Parts - Recreation Park Tennis Center						
430	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
431	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
432	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
433	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
434	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$7,745.0000	\$7,745.0000	
	Parts - Recreation Park NE Corner (Anaheim/ Park Ave)						

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
435	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
436	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
437	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
438	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
439	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
440	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
441	3' Master valve, Griswold						
	2160 Series MV	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$9,594.0000	\$9,594.0000	
	Parts - Recreation Park, 7th & Dog Park Entry						
442	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
443	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
444	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
445	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
446	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).						
	FMBX	EA	1	\$977.0000	\$977.0000	\$977.0000	
447	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
448	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
449	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
450	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
451	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
452	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$15,843.0000	\$15,843.0000	
Parts - Recreation Park, Band Shell							
453	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
454	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
455	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
456	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
457	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
Parts - Recreation Park, Blair Field							
458	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
459	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
460	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
461	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
462	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
	Parts - Recreation Park, Casting Pond						
463	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
464	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
465	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
466	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
467	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR-M	EA	1	\$4,317.0000	\$4,317.0000	\$4,317.0000	
468	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
469	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
470	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
				Subtotal	\$16,148.0000	\$16,148.0000	
	Parts - Recreation Park, Center Picnic Bench						
471	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
472	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
473	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
474	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
475	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
476	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
477	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
478	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
479	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
480	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$12,925.0000	\$12,925.0000	
Parts - Recreation Park, Dog Park, A/B Combined							
481	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
482	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
483	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
484	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
485	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
486	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$11,288.0000	\$11,288.0000	
Parts - Recreation Park, Dog Park Parking Lot							
487	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
488	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
489	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
490	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
491	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
Parts - Recreation Park, Federation & Golf Course Tee Box							
492	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
493	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
494	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
495	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
496	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
Parts - Recreation Park, Federation South of Casting Pond							
497	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
498	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
499	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
500	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
501	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
502	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$12,043.0000	\$12,043.0000	
	Parts - Recreation Park, Park Ave Restroom						
503	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
504	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
505	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
506	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
507	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
	Parts - Recreation Park, Playground East						
508	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
509	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
510	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
511	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
512	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
513	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$12,043.0000	\$12,043.0000	
	Parts - Recreation Park, Playground West						

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
514	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
515	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
516	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread-spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
517	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
518	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$8,500.0000	\$8,500.0000	
Parts - Recreation Park, Woodland Area							
519	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
520	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
521	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
522	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
523	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
524	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
525	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
526	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).						
	FMBX	EA	1	\$977.0000	\$977.0000	\$977.0000	
527	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
528	3' Master valve, Griswold						
	2260 Series	EA	1	\$1,111.0000	\$1,111.0000	\$1,111.0000	
				Subtotal	\$13,190.0000	\$13,190.0000	
Parts - Rose Park							
529	8-station base model CS3000 with CS-SB16-KIT to install in existing Strong Box SB-16SS stainless-steel enclosure. Includes support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT).						
	CS3-8-SB16-RETRO	EA	1	\$4,942.0000	\$4,942.0000	\$4,942.0000	
530	1¼" brass tee-mounted Flow Meter						
	FM 1.25B	EA	1	\$984.0000	\$984.0000	\$984.0000	
531	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
532	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
533	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
534	2' master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$10,156.0000	\$10,156.0000	
Parts - Rosie the Riveter Park							
535	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
536	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
537	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
538	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
539	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
540	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

Printed 06/11/2019

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
541	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
542	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
543	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
544	3' Master valve, Griswold						
	2000 Series	EA	1	\$770.0000	\$770.0000	\$770.0000	
545	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$14,723.0000	\$14,723.0000	
	Parts - Rotary Centennial Park						
546	Retrofit existing Calsense ET2000e or older model controller with an additional 8-stations. TP-1 upgraded to match no additional charge. Install City owned Controller: ET2000E- 12-GR-RRE/SSE-R, S/N 43786, (Upgrade to 32 stations)						
	STATION-UPGRADE	EA	2.5	\$720.0000	\$1,800.0000	\$1,800.0000	
547	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B						
	FMI INSERT	EA	1	\$486.0000	\$486.0000	\$486.0000	
				Subtotal	\$2,286.0000	\$2,286.0000	
	Parts - Scherer Park, Cascades						
548	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
549	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
550	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
551	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
552	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
553	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
554	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
555	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
556	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
557	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
558	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$14,203.0000	\$14,203.0000	
	Parts - Scherer Park, Dog Park						
559	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
560	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
561	5-year prepaid data plan for 1-cellular modem communicating with up to 35-controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR-M	EA	1	\$4,317.0000	\$4,317.0000	\$4,317.0000	
562	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
563	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Caisense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
564	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
565	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
566	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
567	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

Printed 06/11/2019

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
568	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
569	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$20,772.0000	\$20,772.0000	
Parts - Scherer Park, Duck Pond							
570	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
571	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	
572	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
573	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
574	Spread Spectrum Radio frequency filter						
	SR-FILTER	EA	1	\$490.0000	\$490.0000	\$490.0000	
575	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
576	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
577	Contractor to measure length and supply during field installation.						
	Calsense LMR-400-DB Cable	EA	1	no bid			30' included in other bid items.
				Subtotal	\$10,374.0000	\$10,374.0000	
Parts - Scherer Park, Police							
578	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations. Existing City inventory: CS3-24-S1/CS3-GR/GR-STUBBY, S/N 50726.						
	CS3-8STA-KIT	EA	2	\$756.0000	\$1,512.0000	\$1,512.0000	
579	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
580	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
581	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$5,244.0000	\$5,244.0000	
	Parts - Scherer Park, Tennis						
582	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
583	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
584	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
585	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
586	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
587	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$10,533.0000	\$10,533.0000	
	Parts - Seaside Park						
588	Replacement Flow Meter insert for all Flow Meters except FMBX and FM 2B						
	FMI INSERT	EA	1	\$486.0000	\$486.0000	\$486.0000	
				Subtotal	\$486.0000	\$486.0000	
	Parts - Silverado Park, 32nd & Baltic						
589	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
590	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
591	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
592	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
593	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
594	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
595	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
				Subtotal	\$9,581.0000	\$9,581.0000	
Parts - Silverado Park, Community Center							
596	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
597	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
598	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
599	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
600	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
				Subtotal	\$7,745.0000	\$7,745.0000	
Parts - Silverado Park, Pool							
601	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
602	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
603	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
604	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
605	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
606	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
607	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
608	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
				Subtotal	\$13,000.0000	\$13,000.0000	
	Parts - Somerset Park						
609	32-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-32-WM	EA	1	\$5,984.0000	\$5,984.0000	\$5,984.0000	
610	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
611	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).						
	FMBX	EA	1	\$977.0000	\$977.0000	\$977.0000	
612	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
613	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
614	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
615	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
616	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
617	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
618	3' Master valve, Griswold						
	2000 Series	EA	1	\$770.0000	\$770.0000	\$770.0000	
				Subtotal	\$13,605.0000	\$13,605.0000	
	Parts - Stearns Park, Fire Department						
619	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
620	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
621	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
622	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
623	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
624	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
625	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$14,251.0000	\$14,251.0000	
	Parts - Stearns Park, Snack Shack/Little League Combined						
626	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
627	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	2	\$372.0000	\$744.0000	\$744.0000	
628	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
629	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
630	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
631	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
632	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
633	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$13,628.0000	\$13,628.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
Parts - Stearns Park, Transformer Cage							
634	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
635	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
636	Spread Spectrum Radio omni-directional stick antenna operating at 6-dBi. Does not include antenna cable.						
	SR-STICK-6	EA	1	\$569.0000	\$569.0000	\$569.0000	
637	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
638	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
639	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
640	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
641	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
642	Antenna cable with end connectors. Available in 10', 20', 30', 40', and 50' standard lengths. Special-order, custom lengths available. Non-cancellable and non-returnable. Cost per foot. Maximum length 100-ft.						
	LMR-400-DB	EA	30	\$8.0000	\$240.0000	\$240.0000	
643	Antenna cable surge protection device						
	ANT-PROT	EA	1	\$341.0000	\$341.0000	\$341.0000	
644	Spread Spectrum Radio frequency filter						
	SR-FILTER	EA	1	\$490.0000	\$490.0000	\$490.0000	
645	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
646	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
647	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
648	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
649	3' Master valve, Griswold						
	2160 Series	EA	1	\$989.0000	\$989.0000	\$989.0000	
650	VIT Strongbox						
	SB-36SS	EA	1	\$2,873.0000	\$2,873.0000	\$2,873.0000	
				Subtotal	\$20,147.0000	\$20,147.0000	
Parts - Tanaka Park							
651	16-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-16-WM	EA	1	\$4,473.0000	\$4,473.0000	\$4,473.0000	
652	2" PVC Sch 80 tee-mounted Flow Meter						
	FM 2	EA	1	\$818.0000	\$818.0000	\$818.0000	
653	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
654	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
655	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
656	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
657	2' master valve, Griswold						
	2000 Series MV	EA	1	\$485.0000	\$485.0000	\$485.0000	
				Subtotal	\$9,816.0000	\$9,816.0000	
Parts - Veterans Park Community Center							
658	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
659	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
660	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
661	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
662	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
663	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
664	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
665	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
666	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
667	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
668	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
669	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
670	3' Master valve, Griswold						
	2160 Series MV	EA	1	\$989.0000	\$989.0000	\$989.0000	
671	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$19,458.0000	\$19,458.0000	
Parts - Veterans Park Playground							
672	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
673	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
674	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
675	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
676	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
677	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$12,043.0000	\$12,043.0000	
	Parts - Veterans Park Tennis						
678	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
679	3" PVC Sch 80 tee-mounted Flow Meter						
	FM 3	EA	1	\$847.0000	\$847.0000	\$847.0000	
680	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
681	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
682	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
683	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
684	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
685	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
686	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
687	3' Master valve, Griswold						
	2160 Series MV	EA	1	\$989.0000	\$989.0000	\$989.0000	
688	VIT Strongbox						
	SB-24SS	EA	1	\$2,788.0000	\$2,788.0000	\$2,788.0000	
				Subtotal	\$15,713.0000	\$15,713.0000	
	Parts - Wardlow Park Playground						
689	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
690	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
691	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
692	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
693	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
				Subtotal	\$9,268.0000	\$9,268.0000	
	Parts - Wardlow Park Tennis Court						
694	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
695	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
696	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
697	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
698	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
				Subtotal	\$9,268.0000	\$9,268.0000	
	Parts - Whaley Park North & Atherton Medians Combined						
699	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	1	\$1,169.0000	\$1,169.0000	\$1,169.0000	
700	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
701	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
702	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.						
	CS3-8STA-KIT	EA	2	\$756.0000	\$1,512.0000	\$1,512.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
703	Upgrade existing Calsense controller in heavy-duty stainless-steel enclosure to an 8-station base model CS3000 irrigation controller. Includes new SSE back plate. Does not include communications or other options. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT). MUST include original controller serial number at time of order. Existing ET2000E-24- EN-RRE/SSE-R, S/N 39021.						
	CS3-8-S-UPGRADE	EA	1	\$2,374.0000	\$2,374.0000	\$2,374.0000	
704	Insertion-style Flow Meter for 3" and larger pipe. Screws into 2" NPT pipe saddle (not included).						
	FMBX	EA	1	\$977.0000	\$977.0000	\$977.0000	
705	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
706	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
707	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
708	4' Master valve, Griswold						
	2260 Series MV	EA	1	\$3,139.0000	\$3,139.0000	\$3,139.0000	
				Subtotal	\$13,581.0000	\$13,581.0000	
	Parts - Whaley Park South, Community Center						
709	8-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-8-WM	EA	1	\$3,718.0000	\$3,718.0000	\$3,718.0000	
710	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	1	\$756.0000	\$756.0000	\$756.0000	
711	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	1	\$706.0000	\$706.0000	\$706.0000	
712	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	1	\$372.0000	\$372.0000	\$372.0000	
713	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
714	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
715	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
716	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
717	5-year prepaid data plan for 1-cellular modem communicating with 1 or 2 controllers (billed every 5-years). Non-cancellable and non-refundable.						
	COMM-5YR	EA	2	\$1,169.0000	\$2,338.0000	\$2,338.0000	
718	Cellular stubby surface-mount antenna with 3-ft. antenna cable						
	GR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
719	Cellular modem for CS3000 to provide communication with cloud-based Command Center Online web application. Requires antenna and Calsense data plan, purchased separately.						
	CS3-GR	EA	1	\$2,295.0000	\$2,295.0000	\$2,295.0000	
720	3' Netafilm Electronic Register Hydrometer						
	Netafilm Electronic Register Hydrometer	EA	1	\$2,174.0000	\$2,174.0000	\$2,174.0000	
				Subtotal	\$16,667.0000	\$16,667.0000	
	Parts - Whaley Park South, Restroom						
721	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	
722	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
723	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
724	24-station base model CS3000 with wall-mount enclosure, support for a single conventionally-wired POC, transient protection, and field-replaceable modules. Supports up to 48 conventionally-wired stations with additional 8-station modules.						
	CS3-24-WM	EA	1	\$5,228.0000	\$5,228.0000	\$5,228.0000	
725	AC line protection for CS3000 irrigation controllers.						
	TP-110	EA	1	\$295.0000	\$295.0000	\$295.0000	
				Subtotal	\$9,255.0000	\$9,255.0000	
	Parts - Whaley Park South, Tennis Court						
726	Upgrade existing Calsense controller in heavy-duty stainless-steel enclosure to an 8-station base model CS3000 irrigation controller. Includes new SSE back plate. Does not include communications or other options. Supports up to 48 conventionally-wired stations with additional 8-station kits (model CS3-8-STA-KIT). MUST include original controller serial number at time of order. Existing: ET2000E-12- EN-RRE/SSE-R, S/N 35952.						
	CS3-8-S-UPGRADE	EA	1	\$2,374.0000	\$2,374.0000	\$2,374.0000	
727	Spread Spectrum Radio stubby surface-mount antenna with 3-ft. antenna cable						
	SR-STUBBY	EA	1	\$281.0000	\$281.0000	\$281.0000	
728	CS3000 FLOWSENSE® option. Allows sharing of cloud communication option, programming, flow, and weather data among multiple controllers. Each controller requires a FLOWSENSE-compatible communication option such as hardwire (models CS3-M-KIT and CS3-MSSE-KIT) or spread- spectrum radio (model CS3-SR).						
	CS3-FL	EA	1	\$847.0000	\$847.0000	\$847.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
729	Spread Spectrum Radio to provide wireless communication between CS3000 controllers. Requires antenna, purchased separately.						
	CS3-SR	EA	1	\$2,604.0000	\$2,604.0000	\$2,604.0000	
730	CS3000 station add-on card and terminal board to add up to 8 conventionally-wired stations to an existing controller. A single CS3000 supports up to 6 of these kits for a total of 48-stations.						
	CS3-8STA-KIT	EA	1	\$756.0000	\$756.0000	\$756.0000	
				Subtotal	\$6,862.0000	\$6,862.0000	
	Parts - Turn Over Items for Future Repairs						
731	CS3000 2-Wire terminal with cover. Used to add 2-Wire to CS3000 conventionally-wired base model controller.						
	CS3-2WIRE-OPT	EA	10	\$756.0000	\$7,560.0000	\$7,560.0000	
732	CS3000 2-Wire POC decoder with 1 flow meter input and 1 master valve output						
	CS-2W-POC	EA	5	\$706.0000	\$3,530.0000	\$3,530.0000	
733	CS3000 2-Wire station decoder with 2-station outputs						
	CS-2W-2ST	EA	20	\$372.0000	\$7,440.0000	\$7,440.0000	
				Subtotal	\$18,530.0000	\$18,530.0000	
	Labor - Rate per Hours						
734	Hourly Rate - Standard Business Hours						
		HR	1	0	0	0	Hourly Rate Available Upon Request
735	Hourly Rates - Non-Standard Hours (Holiday, Emergency, Non-Business Hours)						
		HR	1	0	0	0	Hourly Rate Available Upon Request
736	Hourly Rate - Overtime Hours						
		HR	1	0	0	0	Hourly Rate Available Upon Request
				Subtotal	0	0	
	Labor - See Pages 24 - 44 for Specifications						
737	Labor - 14th Street Park East						
		Total Dollars	1	\$3,925.0000	\$3,925.0000	\$3,925.0000	
738	Labor - 14th Street Park West						
		Total Dollars	1	\$3,925.0000	\$3,925.0000	\$3,925.0000	
739	Labor - Bixby Knolls						
		Total Dollars	1	\$7,121.0000	\$7,121.0000	\$7,121.0000	
740	Labor - Bixby Park Band Shell						
		Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
741	Labor - Bixby Park Community Center						
		Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
742	Labor - Bixby Park North	Total Dollars	1	\$3,271.0000	\$3,271.0000	\$3,271.0000	
743	Labor - Bixby Park Old Restroom	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
744	Labor - Bixby Park South	Total Dollars	1	\$7,204.0000	\$7,204.0000	\$7,204.0000	
745	Labor - Chavez Elementary	Total Dollars	1	\$6,216.0000	\$6,216.0000	\$6,216.0000	
746	Labor - Cherry Park	Total Dollars	1	\$6,039.0000	\$6,039.0000	\$6,039.0000	
747	Labor - College Estates Park, Community Center	Total Dollars	1	\$5,113.0000	\$5,113.0000	\$5,113.0000	
748	Labor - Coolidge Park	Total Dollars	1	\$9,737.0000	\$9,737.0000	\$9,737.0000	
749	Labor - DeForest Park Parking Lot	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
750	Labor - Drake Park Community Center	Total Dollars	1	\$4,683.0000	\$4,683.0000	\$4,683.0000	
751	Labor - Drake Park Tennis Court	Total Dollars	1	\$7,288.0000	\$7,288.0000	\$7,288.0000	
752	Labor - El Dorado Park #2, Archery	Total Dollars	1	\$20,949.0000	\$20,949.0000	\$20,949.0000	
753	Labor - El Dorado Park #2, Campsite	Total Dollars	1	\$4,103.0000	\$4,103.0000	\$4,103.0000	
754	Labor - El Dorado Park #2, Ranger Station	Total Dollars	1	\$10,575.0000	\$10,575.0000	\$10,575.0000	
755	Labor - El Dorado Park #2, Restroom #38	Total Dollars	1	\$11,241.0000	\$11,241.0000	\$11,241.0000	
756	Labor - El Dorado Park #2, Snake Road North	Total Dollars	1	\$58,978.0000	\$58,978.0000	\$58,978.0000	
757	Labor - El Dorado Park #2, Snake Road South	Total Dollars	1	\$5,123.0000	\$5,123.0000	\$5,123.0000	

Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
758	Labor - El Dorado Park #3, Arbor Grove Park Lot	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
759	Labor - El Dorado Park #3, Boat House	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
760	Labor - El Dorado Park #3, Glider Field / Glider Field South Combo	Total Dollars	1	\$14,888.0000	\$14,888.0000	\$14,888.0000	
761	Labor - El Dorado Park #3, Glider Hill North	Total Dollars	1	\$4,103.0000	\$4,103.0000	\$4,103.0000	
762	Labor - El Dorado Park #3, Lake View Grove	Total Dollars	1	\$4,103.0000	\$4,103.0000	\$4,103.0000	
763	Labor - El Dorado Park #3, Old Ranger Station	Total Dollars	1	\$4,103.0000	\$4,103.0000	\$4,103.0000	
764	Labor - El Dorado Park #3, Overflow Parking by LA	Total Dollars	1	\$44,756.0000	\$44,756.0000	\$44,756.0000	
765	Labor - El Dorado Park #3, Shopping Center	Total Dollars	1	\$8,081.0000	\$8,081.0000	\$8,081.0000	
766	Labor - El Dorado Park #3 Train Loop North	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
767	Labor - El Dorado Park #3, Wardlow Entrance	Total Dollars	1	\$4,103.0000	\$4,103.0000	\$4,103.0000	
768	Labor - El Dorado Park #3, World of Trees / Golden	Total Dollars	1	\$10,705.0000	\$10,705.0000	\$10,705.0000	
769	Labor - Grace Park	Total Dollars	1	\$3,684.0000	\$3,684.0000	\$3,684.0000	
770	Labor - Gumbiner Park	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
771	Labor - Heartwell Park Area #1	Total Dollars	1	\$10,299.0000	\$10,299.0000	\$10,299.0000	
772	Labor - Heartwell Park Area #3, Controller A/B Combined	Total Dollars	1	\$3,165.0000	\$3,165.0000	\$3,165.0000	
773	Labor - Heartwell Park Area #3, Controller C/D Combined	Total Dollars	1	\$4,199.0000	\$4,199.0000	\$4,199.0000	

Irrigation Controller Upgrades (ITB PR18-153), bidding on December 4, 2018 11:00 AM (Pacific)

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
774	Labor - Houghton Park, Ballfield	Total Dollars	1	\$7,745.0000	\$7,745.0000	\$7,745.0000	
775	Labor - Houghton Park, Facilities Center	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
776	Labor - Houghton Park, Restroom	Total Dollars	1	\$8,767.0000	\$8,767.0000	\$8,767.0000	
777	Labor - Houghton Park, Skate Park	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
778	Labor - Jack Nichol Park	Total Dollars	1	\$3,482.0000	\$3,482.0000	\$3,482.0000	
779	Labor - Jackson Park, East	Total Dollars	1	\$6,118.0000	\$6,118.0000	\$6,118.0000	
780	Labor - Jackson Park, Pump Building	Total Dollars	1	\$5,491.0000	\$5,491.0000	\$5,491.0000	
781	Labor - Los Altos Park	Total Dollars	1	\$4,279.0000	\$4,279.0000	\$4,279.0000	
782	Labor - Los Cerritos Park Restrooms	Total Dollars	1	\$6,054.0000	\$6,054.0000	\$6,054.0000	
783	Labor - Marina Vista Park A/B Combined	Total Dollars	1	\$4,789.0000	\$4,789.0000	\$4,789.0000	
784	Labor - McBride Park	Total Dollars	1	\$2,915.0000	\$2,915.0000	\$2,915.0000	
785	Labor - McBride Park Teen Center	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
786	Labor - MLK Park, Ball Field	Total Dollars	1	\$11,661.0000	\$11,661.0000	\$11,661.0000	
787	Labor - MLK Park, Community Center	Total Dollars	1	\$2,915.0000	\$2,915.0000	\$2,915.0000	
788	Labor - MLK Park, Playground	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
789	Labor - MLK Park, Pool	Total Dollars	1	\$5,178.0000	\$5,178.0000	\$5,178.0000	

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
790	Labor - Multi Services Facilities Center	Total Dollars	1	\$1,747.0000	\$1,747.0000	\$1,747.0000	
791	Labor - Pan American Park Electrical Transformer	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
792	Labor - Pan American Park Restroom, A/B Combined	Total Dollars	1	\$2,915.0000	\$2,915.0000	\$2,915.0000	
793	Labor - Promenade Square	Total Dollars	1	\$3,268.0000	\$3,268.0000	\$3,268.0000	
794	Labor - Ramona Park	Total Dollars	1	\$9,600.0000	\$9,600.0000	\$9,600.0000	
795	Labor - Recreation Park Lawn Bowling Building	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
796	Labor - Joe Rodgers Field/Restroom Combined	Total Dollars	1	\$13,509.0000	\$13,509.0000	\$13,509.0000	
797	Labor - Recreation Park Tennis Center	Total Dollars	1	\$3,271.0000	\$3,271.0000	\$3,271.0000	
798	Labor - Recreation Park NE Corner (Anaheim/ Park Ave)	Total Dollars	1	\$4,656.0000	\$4,656.0000	\$4,656.0000	
799	Labor - Recreation Park, 7th & Dog Park Entry	Total Dollars	1	\$8,517.0000	\$8,517.0000	\$8,517.0000	
800	Labor - Recreation Park, Band Shell	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
801	Labor - Recreation Park, Blair Field	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
802	Labor - Recreation Park, Casting Pond	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
803	Labor - Recreation Park, Center Picnic Bench	Total Dollars	1	\$7,329.0000	\$7,329.0000	\$7,329.0000	
804	Labor - Recreation Park, Dog Park, A/B Combined	Total Dollars	1	\$4,123.0000	\$4,123.0000	\$4,123.0000	
805	Labor - Recreation Park, Dog Park Parking Lot	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
806	Labor - Recreation Park, Federation & Golf Course Tee Box	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
807	Labor - Recreation Park, Federation South of Casting Pond	Total Dollars	1	\$3,404.0000	\$3,404.0000	\$3,404.0000	
808	Labor - Recreation Park, Park Ave Restroom	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
809	Labor - Recreation Park, Playground East	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
810	Labor - Recreation Park, Playground West	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
811	Labor - Recreation Park, Woodland Area	Total Dollars	1	\$7,329.0000	\$7,329.0000	\$7,329.0000	
812	Labor - Rose Park	Total Dollars	1	\$9,216.0000	\$9,216.0000	\$9,216.0000	
813	Labor - Rosie the Riveter Park	Total Dollars	1	\$13,287.0000	\$13,287.0000	\$13,287.0000	
814	Labor - Rotary Centennial Park	Total Dollars	1	\$4,789.0000	\$4,789.0000	\$4,789.0000	
815	Labor - Scherer Park, Cascades	Total Dollars	1	\$6,599.0000	\$6,599.0000	\$6,599.0000	
816	Labor - Scherer Park, Dog Park	Total Dollars	1	\$6,575.0000	\$6,575.0000	\$6,575.0000	
817	Labor - Scherer Park, Duck Pond	Total Dollars	1	\$8,971.0000	\$8,971.0000	\$8,971.0000	
818	Labor - Scherer Park, Police	Total Dollars	1	\$7,665.0000	\$7,665.0000	\$7,665.0000	
819	Labor - Scherer Park, Tennis	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
820	Labor - Seaside Park	Total Dollars	1	\$1,331.0000	\$1,331.0000	\$1,331.0000	
821	Labor - Silverado Park, 32nd & Baltic	Total Dollars	1	\$6,223.0000	\$6,223.0000	\$6,223.0000	

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
822	Labor - Silverado Park, Community Center	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
823	Labor - Silverado Park, Pool	Total Dollars	1	\$2,931.0000	\$2,931.0000	\$2,931.0000	
824	Labor - Somerset Park	Total Dollars	1	\$8,850.0000	\$8,850.0000	\$8,850.0000	
825	Labor - Stearns Park, Fire Department	Total Dollars	1	\$4,689.0000	\$4,689.0000	\$4,689.0000	
826	Labor - Stearns Park, Snack Shack/Little League Combined	Total Dollars	1	\$8,832.0000	\$8,832.0000	\$8,832.0000	
827	Labor - Stearns Park, Transformer Cage	Total Dollars	1	\$16,407.0000	\$16,407.0000	\$16,407.0000	
828	Labor - Tanaka Park	Total Dollars	1	\$4,038.0000	\$4,038.0000	\$4,038.0000	
829	Labor - Veterans Park Community Center	Total Dollars	1	\$11,068.0000	\$11,068.0000	\$11,068.0000	
830	Labor - Veterans Park Playground	Total Dollars	1	\$3,687.0000	\$3,687.0000	\$3,687.0000	
831	Labor - Veterans Park Tennis	Total Dollars	1	\$8,517.0000	\$8,517.0000	\$8,517.0000	
832	Labor - Wardlow Park Playground	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
833	Labor - Wardlow Park Tennis Court	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
834	Labor - Whaley Park North & Atherton Medians Combined	Total Dollars	1	\$8,600.0000	\$8,600.0000	\$8,600.0000	
835	Labor - Whaley Park South, Community Center	Total Dollars	1	\$8,390.0000	\$8,390.0000	\$8,390.0000	
836	Labor - Whaley Park South, Restroom	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
837	Labor - Whaley Park South, Tennis Court	Total Dollars	1	\$2,499.0000	\$2,499.0000	\$2,499.0000	
				Subtotal	\$660,883.0000	\$660,883.0000	

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Bid Results

Type	Item Code	UOM	Qty	Unit Price	Line Total	Discount	Comment
				Total	\$1,865,154.0000	\$1,865,154.0000	

EXHIBIT I

Contractor's License

Contract No. 35216

Contractor: American Landscape, Inc.



CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE



License Number **288229**

Entity **CORP**

Business Name **AMERICAN LANDSCAPE INC**

Classification(s) **A B C27 C-8**

Expiration Date **01/31/2019**

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