



City Council Report

915 I Street, 1st Floor
Sacramento, CA 95814

www.cityofsacramento.org

File #: 2016-01176

Consent Item 09

Title: Contract: Multi-Site Water Improvements Project

Recommendation: Pass a Resolution: 1) approving the construction plans and specifications for the Multi-Site Water Improvements Project; 2) awarding the contract to Abide Builders for an amount not-to-exceed \$345,676; 3) authorizing the City Manager or his designee to execute the contract with Abide Builders, for an amount not-to-exceed \$345,676; 4) appropriating \$60,000 from the Measure U Park Improvements Project (L19706000), Fund 2401 to the Multi-Site Water Improvements Project (L19101200).

Location: Citywide

Contact: C. Gary Hyden, Park Planning and Development Manager, (916) 808-1949; Dennis Day, Associate Landscape Architect, (916) 808-7633, Department of Parks and Recreation

Presenter: None

Department: Parks and Recreation

Attachments:

- 1-Description/Analysis
- 2-Contract
- 3-Resolution

Description/Analysis

Issue Detail: The Department of Parks and Recreation is seeking approval to award a contract to Abide Builders for an amount not-to-exceed \$345,676 for the Multi-Site Water Improvements Project and the appropriation of \$60,000 from the Measure U Improvements Project.

Improvements consist of various irrigation system improvements at the following park sites: 1) Chuckwagon Park includes replacement of an irrigation controller, installation of a master valve and flow sensor, a domestic backflow preventer, tubular steel fence enclosure, concrete flatwork, and decomposed granite paving; 2) Woodbine Park includes removal of abandoned booster pump and concrete vault, replacement of an irrigation controller, installation of a master valve and flow sensor, tubular steel fence enclosure, concrete flatwork, decomposed granite paving, automatic irrigation system, and landscape planting; 3) Valley Hi Park includes replacement of a booster pump assembly and concrete boxes for the existing master valve and flow sensor; 4) Robertson Park includes replacement of an irrigation controller.

The formal bid process for this project has been completed and Abide Builders has been selected as the lowest responsive bidder. Construction of the Multi-Site Water Improvements Project is expected to be completed by the end of December 2016.

Policy Considerations: Providing parks and recreation facilities is consistent with the City's strategic plan to enhance livability in Sacramento's neighborhoods by expanding park, recreation, and trail facilities throughout the City. This is also part of the Park Development Process for park planning as stated in the *2005-2010 Parks and Recreation Master Plan*.

Sacramento City Code Chapter 3.60, identifies the general guidelines for completing contracts for public projects and procedures for bidding and issuing contracts over \$100,000.

Economic Impacts: The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

The park construction project, in the amount of \$345,676 is expected to create 1.38 jobs (0.80 direct jobs and 0.59 indirect jobs through indirect and induced activities). Furthermore, it will create \$213,432 in total economic output (\$134,528 of direct output and \$78,904 of output through indirect and induced activities).

Environmental Considerations: The Environmental Services Manager has reviewed the project for compliance with the requirements of the California Environmental Quality Act (CEQA) and determined that it is exempt from the provisions of the CEQA pursuant to Sections 15301, 15303, and 15304 of the CEQA Guidelines. Section 15301 exempts the repair of existing facilities; Section 15303 exempts the construction of limited numbers of new, small structures; and Section 15304 exempts the minor public alterations in the condition of vegetation.

Sustainability: The Multi-Site Water Improvements Project has been reviewed for consistency with the goals, policies, and targets of the City's Sustainability Master Plan (SMP), the Parks and Recreation Sustainability Plan, and the 2035 General Plan. The Project will advance the goals, policies, and targets of these plans by improving the health of residents through access to a diverse mix of wellness and recreation activities. The park improvements are also consistent with sustainable design through the use of recycled materials, and use of local vendors.

Commission/Committee Action: None

Rationale for Recommendation: The formal bidding process for the Multi-Site Water Improvement Project was posted in accordance with City Code 3.60 and Administrative Policy AP-4002. The bids were opened on September 14, 2016, and staff received no bids. Staff then solicited three bids directly from contractors listed on the plan holders list, and bids were opened on September 19, 2016. Staff received two bids for the project, and the results are listed below:

<u>CONTRACTOR</u>	<u>Total Bid</u>	<u>Met M/WBE Effort</u>
Abide Builders	\$345,676	Yes
Saenz Landscape	\$371,639	Yes
Parker Landscape	Declined to Bid	N/A

The Engineer's Estimate for this project was \$276,900. Pursuant to City Code Section 3.60.020 and 3.60.360 E, it was determined that Abide Builders had the lowest, responsible base bid, and is a responsible bidder.

Financial Considerations: The total estimated project cost is \$400,000. Available funding from the Multi-Site Water Improvements Project (L19101200) and additional funding in the

amount of \$60,000 from the Measure U Park Improvements project (L19706000) Fund 2401 is necessary to complete the project.

This is an existing park; the annual maintenance and utilities costs are covered in the Department of Parks and Recreation's operating budget for maintenance, water, and utility costs.

Local Business Enterprise (LBE): This project has federal CDBG funding, therefore the City's LBE requirement is held in abeyance. The use of CDBG funds requires that the contractor make a good faith effort to recruit sub-contractors who are Minority/Women Owned Business Enterprises (M/WBE). Abide Builders met the requirements for the M/WBE Good Faith Effort.

AGREEMENT
(Construction Contract Over \$25,000)

THIS AGREEMENT, dated for identification _____, 2016, is made and entered into between the CITY OF SACRAMENTO, a municipal corporation ("City"), and **Abide Builders, Inc.**, 825 Riverside Pkwy. Suite 120, West Sacramento, CA 95605 ("Contractor") in the amount of **THREE HUNDRED FOURTY FIVE THOUSAND, SIX HUNDRED SEVENTY SIX DOLLARS AND NO CENTS (\$345,676.00)**.

1. **CONTRACT DOCUMENTS**

The City and Contractor hereby mutually agree as follows:

The Contract Documents, sometimes also referred to as the "Contract," consist of the following items, which are hereby incorporated by reference as if set forth in full in this Agreement:

- The Notice to Contractors
- The Proposal Form submitted by the Contractor
- The Instructions to Bidders
- The Local Business Enterprise (LBE) Requirements
- The Requirements for the Non-Discrimination in Employee Benefits by City Contractors Ordinance and the Declaration of Compliance
- The City's Reference Guide for Construction Contracts
- The Addenda, if any
- This Agreement
- The Standard Specifications
- The Special Provisions
- The Plans and Technical Specifications
- The drawings and other data and all developments thereof prepared by City pursuant to the Contract
- Any modifications of any of the foregoing made or approved by City, including but not limited to duly authorized change orders.

Unless specifically noted otherwise, references to the "Standard Specifications" shall mean and refer to the Standard Specifications for Public Construction of the City of Sacramento approved by the Sacramento City Council on June 4, 2007 (Resolution No. 2007-350), and any subsequent amendments thereto approved by the Sacramento City Council or the Sacramento City Manager. Work called for in any one Contract Document and not mentioned in another is to be performed and executed as if mentioned in all Contract Documents. The table of contents, titles and headings contained in the Contract Documents are provided solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.

2. **DEFINITIONS**

Unless otherwise specifically provided herein, all words and phrases defined in the Standard Specifications shall have the same meaning and intent in this Agreement.

3. AGREEMENT CONTROLS

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order shall prevail over any conflicting provisions of this Agreement.

4. SCOPE OF CONTRACT

Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, material and transportation necessary to perform and complete in a good and workmanlike manner to the satisfaction of City, all the Work called for in the Contract Documents entitled:

MULTI-SITE WATER IMPROVEMENTS (PN: L19101200)

Including the Work called for in the following alternative bid items described in the Proposal Form:

Contractor agrees to perform such Work in the manner designated in and in strict conformity with the Contract Documents.

5. CONTRACT AMOUNT AND PAYMENTS

City agrees to pay and Contractor agrees to accept, as complete payment for the above Work, in accordance with the schedule and procedures set forth in the Contract Documents and subject to deductions, withholdings and additions as specified in the Contract Documents, a total sum that shall not exceed the total bid amount set forth in Contractor's Proposal Form. In addition, subject to deductions, withholdings and additions as specified in the Contract Documents, payment for individual items of the Work shall be computed as follows:

- A. For items of the Work for which a lump sum price is specified in Contractor's Proposal Form, Contractor shall be paid the lump sum price(s) specified in Contractor's Proposal Form; and
- B. For items of the Work for which a unit price is specified in Contractor's Proposal Form, Contractor shall be paid the sum computed at such unit price, or computed at a different price if such different price is determined by City in accordance with the Standard Specifications, based on the actual amount of each such item performed and/or furnished and incorporated in the Work; provided that in no event shall the total sum for a unit price item exceed the total bid amount set forth for such item in the Contractor's Proposal Form, unless authorized by Change Order.

6. PROGRESS PAYMENTS

Subject to the terms and conditions of the Contract, City shall cause payments to be made upon demand of Contractor as follows:

- A. On or about the first of the month, the Engineer shall present to the Contractor a statement showing the amount of labor and materials incorporated in the Work through the twentieth (20) calendar day of the preceding month. After both Contractor and Engineer approve the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for ninety-five (95) percent of the amount it shall find to be due, subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations.
- B. No inaccuracy or error in said monthly estimates shall operate to release Contractor from damages arising from such Work or from enforcement of each and every provision of the Contract Documents, and City shall have the right subsequently to correct any error made in any estimate for payment.
- C. Contractor shall not be paid for any defective or improper Work.
- D. The remaining five (5) percent of the value of the Work performed under the Contract, if unencumbered and subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations, shall be released not later than sixty (60) days after completion and final acceptance of the Work by City. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the City arising under the Contract Documents, except for disputed claims in stated amounts that the Contractor specifically reserves in writing, but only to the extent that the Contractor has complied with all procedures and requirements applicable to the presentation and processing of such claim(s) under the Contract Documents. Contractor shall be entitled to substitute securities for retention or to direct that payments of retention be made into escrow, as provided in Public Contract Code Section 22300, upon execution of the City's Escrow Agreement for Security Deposits in Lieu of Retention.
- E. The parties agree that, for purposes of the timely progress payment requirements specified in Public Contract Code Section 20104.50, the date that the City receives a statement jointly approved by the Contractor and the Engineer as provided above shall be deemed to constitute the date that City receives an undisputed and properly submitted payment request from the Contractor. Progress payments not made within 30 days after this date may be subject to payment of interest as provided in Public Contract Code Section 20104.50.
- F. This Contract is subject to compliance monitoring and enforcement by the California Department of Industrial Relations, as specified in California Labor Code section 1771.4.

7. RETENTION OF SUMS CHARGED AGAINST CONTRACTOR

When, under the provisions of this Contract or any applicable Laws or Regulations, City is authorized or required to withhold, deduct or charge any sum of money against Contractor, City may deduct and retain the amount of such charge from the amount of the next succeeding progress estimate(s), or from any other moneys due or that may become due Contractor from City. If, on completion or termination of the Contract, sums due Contractor are insufficient to pay City's charges, City shall have the right to recover the balance from Contractor or its Sureties.

8. COMMENCEMENT AND PROSECUTION OF WORK

Contractor shall commence the Work not later than fifteen (15) working days after the date of the written Notice to Proceed from City to Contractor and shall diligently prosecute the Work to final completion. The phrase "commence the Work" means to engage in a continuous program on-site including, but not limited to, site clearance, grading, dredging, land filling and the fabrications, erection, or installation of the Work. The Notice to Proceed shall be issued within fifteen (15) calendar days following execution of the Agreement by the City and the filing by Contractor of the required Bonds and proof of insurance, provided that the Engineer may delay issuance of the Notice to Proceed if the Engineer determines in the Engineer's sole discretion that conditions on the site of the Work are unsuitable for commencement of the Work. After the Notice to Proceed is issued, the continuous prosecution of Work by Contractor shall be subject only to Excusable Delays as defined in this Agreement.

9. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before **THIRTY (30)** days from the date of the Notice to Proceed (hereinafter called the "Completion Date") unless extensions of time are granted in accordance with the Contract Documents.

Failure to complete the entire Work by the Completion Date and in the manner provided for in the Contract Documents shall subject Contractor to liquidated damages as provided in this Agreement. Time is and shall be of the essence in the performance of the Contract and the Work.

10. PAYMENTS DO NOT IMPLY ACCEPTANCE OF WORK

The payment of any progress payment, or the acceptance thereof by Contractor, shall not constitute acceptance of the Work or any portion thereof and shall in no way reduce the liability of Contractor to replace unsatisfactory work or material, whether or not the unsatisfactory character of such work or material was apparent or detected at the time such payment was made.

11. ACCEPTANCE NOT RELEASE

Contractor shall correct immediately any defective or imperfect work or materials that may be discovered before final acceptance of the entire Work, whether or not such defect or imperfection was previously noticed or identified by the City. The inspection of the Work, or any part thereof, shall not relieve Contractor of any of its obligations to perform satisfactory work as herein specified.

Failure or neglect on the part of City or any of its officers, employees or authorized agents to discover, identify, condemn or reject defective or imperfect work or materials shall not be construed to imply an acceptance of such work or materials, if such defect or imperfection becomes evident at any time prior to final acceptance of the entire Work, nor shall such failure or neglect be construed as barring City from enforcing Contractor's warranty(ies) or otherwise recovering damages or such a sum of money as may be required to repair or rebuild the defective or imperfect work or materials whenever City may discover the same, subject only to any statutes of limitation that may apply to any such claim.

12. CITY'S RIGHT TO TAKE POSSESSION OF THE WORK IN WHOLE OR IN PART

The City shall have the right at any time to enter upon the Work and perform work not covered by this Contract, or to occupy and use a portion of the Work, prior to the date of the final acceptance of the Work as a whole, without in any way relieving Contractor of any obligations under this Contract.

13. NO WAIVER OF REMEDIES

Neither the inspection by City, its officers, employees or agents, nor any certificate or other approval for the payment of money, nor any payment for, nor acceptance of the whole or any part of the Work by City, nor any extensions of time, nor any position taken by City, its officers, employees or its agents shall operate as a waiver of any provision of the Contract Documents nor of any power herein reserved to City or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach. All remedies provided in the Contract Documents shall be taken and construed as cumulative; in addition to each and every other remedy herein provided, the City shall have any and all equitable and legal remedies that it would in any case have.

14. WARRANTY

Except as otherwise expressly provided in the Contract Documents, and excepting only items of routine maintenance, ordinary wear and tear and unusual abuse or neglect by City, Contractor warrants and guarantees all Work executed and all supplies, materials and devices of whatsoever nature incorporated in or attached to the Work, or otherwise provided as a part of the Work pursuant to the Contract, to be absolutely free of all defects of workmanship and materials for a period of one year after final acceptance of the entire Work by the City. Contractor shall repair or replace all work or material, together with any

other work or material that may be displaced or damaged in so doing, that may prove defective in workmanship or material within this one year warranty period without expense or charge of any nature whatsoever to City.

In the event that Contractor shall fail to comply with the conditions of the foregoing warranty within ten (10) days after being notified of the defect in writing, City shall have the right, but shall not be obligated, to repair, or obtain the repair of, the defect and Contractor shall pay to City on demand all costs and expense of such repair. Notwithstanding anything herein to the contrary, in the event that any defect in workmanship or material covered by the foregoing warranty results in a condition that constitutes an immediate hazard to public health or safety, or any property interest, or any person, City shall have the right to immediately repair, or cause to be repaired, such defect, and Contractor shall pay to City on demand all costs and expense of such repair. The foregoing statement relating to hazards to health, safety or property shall be deemed to include both temporary and permanent repairs that may be required as determined in the sole discretion and judgment of City.

In addition to the above, the Contractor shall make a written assignment of all manufacturer's and other product warranties to the City, prior to completion and final acceptance of the Work by City.

The Contractor's Performance Bond shall secure the performance of the Contractor's obligations under this Section 14, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

15. LIQUIDATED DAMAGES IF WORK NOT COMPLETED ON TIME

A. The actual fact of the occurrence of damages and the actual amount of the damages that City would suffer if the entire Work, and/or any specified portion thereof, were not completed within the time(s) specified herein are dependent upon many circumstances and conditions that could prevail in various combinations, and for this reason, it is impracticable and extremely difficult to fix the actual damages. Damages that City would suffer in the event of such delay include: loss of the use of the project; expenses of prolonged assignment to the project of an architectural and/or engineering staff; prolonged costs of administration, inspection, and supervision; increased operational expenses and/or impaired operation of other facilities dependent upon completion of the project; and the loss and inconvenience suffered by the public within the City of Sacramento by reason of the delay in the completion of the project or portion thereof. Accordingly, the parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the amount(s) set forth herein as liquidated damages reflect the parties' best efforts at the time of entering into the Contract to estimate the damages that may be incurred by City and the public due to the Contractor's delay in completion of the Work and/or any specified portion thereof, and shall be presumed to be the amount of damages sustained by the failure of Contractor to complete the entire Work and/or any specified portion thereof within the time(s) specified herein.

- B. Contractor shall pay liquidated damages to City for failure to complete the entire Work by the Completion Date (as extended in accordance with the Contract Documents, if applicable) in the amount of \$1000.00 for each calendar day after the Completion Date (as extended in accordance with the Contract Documents, if applicable), continuing to the time at which the entire Work is completed. Such amount is the actual cash value agreed upon by the City and Contractor as the loss to City and the public resulting from Contractor's default.

The parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the foregoing provisions provide for the imposition of liquidated damages from the Completion Date (as extended in accordance with the Contract Documents, if applicable) until the date of completion of the entire Work as determined by the Engineer in accordance with Section 8-4 of the Standard Specifications, whether or not the Work or any portion thereof is claimed or determined to be substantially complete prior to such date of completion.

- C. In the event Contractor shall become liable for liquidated damages, City, in addition to all other remedies provided by law, shall have the right to withhold any and all payments that otherwise would be or become due Contractor until the liability of Contractor under this section is finally determined. City shall have the right to use and apply such payments, in whole or in part, to reimburse City for all liquidated damages due or to become due to City. Any remaining balance of such payments shall be paid to Contractor only after discharge in full of all liability incurred by Contractor under this section or otherwise under any provision of the Contract Documents or any applicable Law or Regulation. If the sum so retained by City is not sufficient to discharge all such liabilities of Contractor, Contractor shall continue to remain liable to City until all such liabilities are satisfied in full. No failure by City to withhold any payment as specified above shall in any manner be construed to constitute a release of any such liabilities nor a waiver of the City's right to withhold payment for such liabilities.

16. INDEMNITY AND HOLD HARMLESS

- A. Contractor shall defend, hold harmless and indemnify the City, its officers, employees, and agents, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, whether arising on or off the site of the Work, including, but not limited to, any fees and/or costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform the Work by the Contractor, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder, or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage or expense to the extent arising from (i) the sole negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or

independent contractors who are directly responsible to City, or (ii) the active negligence of City.

- B. The existence or acceptance by City of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of City's rights under this Section 16, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 16 shall survive any expiration or termination of the Contract.

17. CONTRACTOR SHALL ASSUME RISKS

Until the completion and final acceptance by City of all Work under this Contract, the Work shall be under Contractor's responsible care and charge, and Contractor, at no cost to City, shall rebuild, repair, restore and make good all injuries, damages, re-erections, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work.

18. GENERAL LIABILITY OF CONTRACTOR

Except as otherwise herein expressly stipulated, Contractor shall perform all the Work and furnish all the labor, materials, tools, equipment, apparatus, facilities, transportation, power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner and within the time herein specified. The mention of any specific duty or liability of Contractor shall not be construed as a limitation or restriction of any general liability or duty of Contractor, and any reference to any specific duty or liability shall be construed to be solely for the purpose of explanation.

19. INSURANCE

During the entire term of the Contract, Contractor shall maintain the insurance coverage described in this Section 19.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified for the Work performed by Contractor under this Contract. No additional compensation will be provided for Contractor's insurance premiums. Any available insurance proceeds in excess of the specified minimum limits and coverages shall be available to the City.

It is understood and agreed by the Contractor that its liability to the City shall not in any way be limited to or affected by the amount of insurance coverage required or carried by the Contractor in connection with this Contract.

A. Minimum Scope & Limits of Insurance Coverage

- (1) Commercial General Liability Insurance providing coverage at least as

broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage, and personal injury, arising out of activities performed by or on behalf of Contractor and its subcontractors, products and completed operations of Contractor and its subcontractors, and premises owned, leased, or used by Contractor and its subcontractors, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy.

- (2) Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 for bodily injury, including death, of one or more persons, property damage, and personal injury, with limits of not less than one million dollars (\$1,000,000) per accident. The policy shall provide coverage for owned, non-owned, and/or hired autos as appropriate to the operations of the Contractor.

No automobile liability insurance shall be required if Contractor completes the following certification:

"I certify that a motor vehicle will not be used in the performance of any work or services under this agreement." _____
(Contractor initials)

- (3) Excess Insurance: The minimum limits of insurance required above may be satisfied by a combination of primary and umbrella or excess insurance coverage; provided that any umbrella or excess insurance shall contain, or be endorsed to contain, a provision that it shall apply on a primary basis for the benefit of the CITY, and any insurance or self-insurance maintained by CITY, its officials, employees, or volunteers shall be in excess of such umbrella or excess coverage and shall not contribute with it.
- (4) Workers' Compensation Insurance with statutory limits, and Employers' Liability Insurance with limits of not less than one million dollars (\$1,000,000). The Workers' Compensation policy shall include a waiver of subrogation in favor of the City.

No Workers' Compensation insurance shall be required if Contractor completes the following certification:

"I certify that my business has no employees, and that I do not employ anyone. I am exempt from the legal requirements to

provide Workers' Compensation insurance." _____
(Contractor initials)

B. Additional Insured Coverage

- (1) Commercial General Liability Insurance: The City, its officials, employees, and volunteers shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of: activities performed by or on behalf of Contractor and its subcontractors; products and completed operations of Contractor and its subcontractors; and premises owned, leased, or used by Contractor and its subcontractors.
- (2) Automobile Liability Insurance: The City, its officials, employees, and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

C. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

- (1) Contractor's insurance coverage, including excess insurance, shall be primary insurance as respects City, its officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officials, employees, or volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City, its officials, employees, or volunteers.
- (3) Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) City will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

D. Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:VI. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 3 must be declared to and approved by the City in writing prior to execution of this Contract.

E. Verification of Coverage

- (1) Contractor shall furnish City with certificates and required endorsements evidencing the insurance required. The certificates and endorsements shall be forwarded to the City representative named in Exhibit A. Copies of policies shall be delivered to the City on demand. Certificates of insurance shall be signed by an authorized representative of the insurance carrier.
- (2) For all insurance policy renewals during the term of this Contract, Contractor shall send insurance certificates reflecting the policy renewals directly to:

City of Sacramento
c/o EXIGIS LLC
P.O. Box 4668 ECM- #35050
New York, NY 10168-4668

Insurance certificates also may be faxed to (888) 355-3599, or e-mailed to:
certificates-sacramento@riskworks.com

- (3) The City may withdraw its offer of contract or cancel this Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Contract. The City may withhold payments to Contractor or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

F. Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection A, above.

20. FAILURE TO MAINTAIN BONDS OR INSURANCE

If, at any time during the performance of this Contract, Contractor fails to maintain any item of the bonds and/or insurance required under the Contract in full force and effect, Contractor shall immediately suspend all work under the Contract and notify City in writing of such failure. After such notice is provided, or if City discovers such failure and notifies Contractor, the City thereafter may withhold all Contract payments due or that become due until notice is received by City that such bonds and/or insurance have been restored in full force and effect and that the premiums therefor have been paid for a period satisfactory to the Division of Risk Management. Contractor shall not resume work until notified by City to do so, and the City shall have no responsibility or liability for any costs incurred by Contractor as a result of such suspension of Work.

In addition to the foregoing, any failure to maintain any item of the required bonds and/or insurance at any time during the performance of this Contract will be sufficient cause for termination of the Contract by City.

The Contractor shall be solely responsible for, and shall defend, indemnify and hold harmless the City, its officers, employees and agents against and from, any and all damages, claims, losses, actions, costs or other expenses of any kind incurred by any party as a direct or indirect result of any suspension of Work or termination of the Contract under the provisions of this Section.

21. EXCUSABLE DELAYS

For the purpose of these Contract Documents, the term "Excusable Delay" shall mean, and is limited to, delay caused directly by: acts of God; acts of a public enemy; fires; inclement weather as determined by the Engineer; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sitdowns; acts of a governmental agency; priorities or privileges established for the manufacture, assemble, or allotment of materials necessary in the Work by order, decree or otherwise of the United States or by any department, bureau, commission, committee, agent, or administrator of any legally constituted public authority; changes in the Work ordered by City insofar as they necessarily require additional time in which to complete the Work; the prevention of Contractor from commencing or prosecuting the Work because of the acts of others, excepting Contractor's subcontractors or suppliers; or the prevention of Contractor from commencing or prosecuting the Work because of a Citywide failure of public utility service.

The term "Excusable Delay" shall specifically not include: (i) any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of Contractor; (ii) any delay in the prosecution of any part of the Work that does not constitute a Controlling Operation, whether or not such delay is unavoidable; (iii) any reasonable delay resulting from time required by City for review of any Contractor submittals and for the making of surveys, measurements and inspection; and, (iv) any delay arising from an interruption in the prosecution of the Work on account of reasonable interference by other Contractors employed by City that does not necessarily prevent the completion of the entire Work within the time specified. Excusable Delays, if any, shall operate only to extend the Completion Date (not in excess of the period of such delay as determined by City) and shall not under any circumstances increase the amount City is required to pay Contractor except as otherwise provided in these Contract Documents.

22. CONTRACTOR TO SERVE NOTICE OF DELAYS

Whenever Contractor foresees any delay in the prosecution of the Work, and in any event as soon as possible (not to exceed a period of ten (10) calendar days) after the initial occurrence of any delay that Contractor regards as or may later claim to be an Excusable Delay, the Contractor shall notify the Engineer in writing of such delay and its cause, in order that the Engineer: (i) may take immediate steps to prevent if possible the occurrence or continuance of the delay; or (ii) if this cannot be done, may determine whether the delay is to be considered excusable, how long it continues, and to what extent the prosecution

and completion of the Work are delayed thereby. Said written notice shall constitute an application for an extension of time only if the notice requests such an extension and sets forth the Contractor's estimate of the additional time required together with a full description of the cause of the delay relied upon.

After the completion of any part or whole of the Work, the Engineer, in estimating the amount due Contractor, will assume that any and all delays that may have occurred in its prosecution and completion were not Excusable Delays, except for such delays for which the Contractor has provided timely written notice as required herein, and that the Engineer has found to be excusable. Contractor shall not be entitled to claim Excusable Delay for any delay for which the Contractor failed to provide such timely written notice.

23. EXTENSION OF TIME

If the Contractor complies with Section 22, above, and the Engineer finds a delay claimed by the Contractor to be an Excusable Delay, the Contractor shall be allowed an extension of time to complete the Work that is proportional to the period of Excusable Delay determined by the Engineer, subject to the approval by City of a change order granting such time extension. During a duly authorized extension for an Excusable Delay, City shall not charge liquidated damages against the Contractor for such delay.

If the City extends the time to complete the Work as provided herein, such extension shall in no way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such extension of time relieve or release the sureties of the Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extension of time. The granting of any extension of time as provided herein shall in no way operate as a waiver on the part of City of its rights under this Contract, excepting only extension of the Completion Date for such period of Excusable Delay as may be determined by the Engineer and approved by a duly authorized change order.

24. NO PAYMENT FOR DELAYS

No damages or compensation of any kind shall be paid to Contractor or any subcontractor because of delays in the progress of the Work whether or not such delays qualify for extension of time under this Agreement; except that this provision shall not preclude the recovery of damages for a delay caused by the City that is unreasonable under the circumstances and that is not within the contemplation of the parties, provided that the Contractor timely submits all such written notice(s) and fully complies with such other procedures as may be specified in the Contract Documents or any Laws or Regulations for Contractor to claim damages for such delay.

25. CHANGES IN THE WORK

Changes in the Work authorized or directed in accordance with the Contract Documents and extensions of time of completion made necessary by reason thereof shall not in any way release any warranty or guarantee given by Contractor pursuant to the provisions of

the Contract Documents, nor shall such changes in the Work relieve or release the Sureties on Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such change in Work and to any extension of time made by reason thereof.

26. TERMINATION AFTER COMPLETION DATE

In addition to any other rights City may have, if any services or work required under the Contract (including but not limited to punch list items) are not completed as of the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), City may terminate the Contract at any time after the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), by providing a written notice to Contractor specifying the date of termination. Such notice also may specify conditions or requirements that Contractor must meet to avoid termination of the Contract on such date. If Contractor fails to fulfill all such conditions and requirements by such termination date, or, if no such conditions or requirements are specified, Contractor shall cease rendering services and performing work on such termination date, and shall not be entitled to receive any compensation for services rendered or work performed after such termination date. In the event of such termination, Contractor shall remain liable to City for liquidated damages incurred for any period of time prior to the termination date.

In addition to any other charges, withholdings or deductions authorized under the Contract or any Laws or Regulations, if City terminates the Contract pursuant to this section, City may withhold and deduct from any payment and/or retention funds otherwise due Contractor any sum necessary to pay the City's cost of completing or correcting, or contracting for the completion or correction of, any services or work under the Contract that are not completed to the satisfaction of the City or that otherwise are deficient or require correction as of such termination date, including but not limited to incomplete punch list items. Such costs shall include all of the City's direct and indirect costs incurred to complete or correct such services or work, including the City's administrative and overhead costs. If the amount of payment(s) and/or retention funds otherwise due the Contractor are insufficient to pay such costs, City shall have the right to recover the balance of such costs from the Contractor and/or its Surety(ies).

27. TERMINATION FOR CONVENIENCE

Upon written notice to the Contractor, the City may at any time, without cause and without prejudice to any other right or remedy of the City, elect to terminate the Contract for the convenience of City. In such case, the Contractor shall be paid (without duplication of any items, and after deduction and/or withholding of any amounts authorized to be deducted or withheld by the Contract Documents or any Laws or Regulations):

- A. For Work executed in accordance with the Contract Documents prior to the effective date of termination and determined to be acceptable by the Engineer, including fair and reasonable sums for overhead and profit on such Work;
- B. For reasonable claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and
- C. For reasonable expenses directly attributable to termination.

Contractor shall not be paid for any loss of anticipated profits or revenue for any Work not performed prior to termination, nor for any economic loss arising out of or resulting from such termination, except for the payments listed in this section. Contractor's warranty under Section 14 of this Agreement shall apply, and Contractor shall remain responsible for all obligations related to such warranty, with respect to all portions of the Work performed prior to the effective date of the termination for convenience pursuant to this section. The City shall be entitled to have any or all remaining Work performed by other contractors or by any other means at any time after the effective date of a termination for convenience pursuant to this section.

28. TERMINATION FOR BREACH OF CONTRACT

If Contractor abandons the Work under this Contract, or if the Contract or any portion of the Contract is sublet or assigned without the consent of the City, or if the Engineer determines in the Engineer's sole discretion that the conditions of the Contract in respect to the rate of progress of the Work are not being fulfilled or any part thereof is unnecessarily delayed, or if Contractor violates or breaches, or fails to execute in good faith, any of the terms or conditions of the Contract, or if Contractor refuses or fails to supply enough properly skilled labor or materials or refuses or fails to make prompt payment to subcontractors for material or labor, or if Contractor disregards any Laws or Regulations or proper instruction or orders of the Engineer, then, notwithstanding any provision to the contrary herein, the City may give Contractor and its Sureties written notification to immediately correct the situation or the Contract shall be terminated.

In the event that such notice is given, and, in the event such situation is not corrected, or arrangements for correction satisfactory to the City are not made, within ten (10) calendar days from the date of such notice or within such other period of time as may be specified by the City in the notice, the Contract shall upon the expiration of said period cease and terminate. In the event of any such termination, City may take over the Work and prosecute the Work to completion, or otherwise, and the Contractor and its Sureties shall be liable to City for any cost occasioned City thereby, as hereinafter set forth.

In the event City completes the Work, or causes the Work to be completed, no payment of any kind shall be made to Contractor until the Work is complete. The cost of completing the Work, including but not limited to, extra costs of project administration and management incurred by City, both direct or indirect, shall be deducted from any sum then due, or that becomes due, to Contractor from City. If sums due to Contractor from City are less than the cost of completing the Work, Contractor and its Sureties shall pay City a sum equal to this difference on demand. In the event City completes the Work, and there is a sum remaining due to Contractor after City deducts the costs of completing the Work, then City shall pay such sum to Contractor. The Contractor and Contractor's Sureties shall be jointly and severally liable for all obligations imposed on Contractor hereunder.

No act by City before the Work is finally accepted, including, but not limited to, exercise of other rights under the Contract, actions at law or in equity, extensions of time, payments, assessments of liquidated damages, occupation or acceptance of any part of the Work,

waiver of any prior breach of the Contract or failure to take action pursuant to this section upon the happening of any prior default or breach of Contractor, shall be construed to be a waiver or estoppel of the City's right to act pursuant to this Section upon any subsequent event, occurrence or failure by Contractor to fulfill the terms and conditions of the Contract. The rights of City to terminate the Contract pursuant to this Section and pursuant to Sections 26 and 27 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

29. CONTRACTOR BANKRUPT

If Contractor should commence any bankruptcy proceeding, or if Contractor is adjudged a bankrupt, or if Contractor makes any assignment for the benefit of creditors, or if a receiver is appointed on account of Contractor's insolvency, then the City may, without prejudice to any other right or remedy, terminate the Contract and complete the work by giving notice as provided in Section 28 above.

30. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 28 or Section 29 above:

- A. The Surety under Contractor's performance bond shall be fully responsible for all of the Contractor's remaining obligations of performance under the Contract as if the Surety were a party to the Contract, including without limitation Contractor's obligations, as provided in the Contract Documents, to complete and provide a one-year warranty of the entire Work, pay liquidated damages and indemnify, defend and hold harmless City, up to the full amount of the performance bond.
- B. The Surety under Contractor's payment bond shall be fully responsible for the performance of all of the Contractor's remaining payment obligations for work, services, equipment or materials performed or provided in connection with the Work or any portion thereof, up to the full amount of the payment bond.

31. ACCOUNTING RECORDS OF CONTRACTOR

During performance of the Contract and for a period of three (3) years after completing the entire Work, Contractor shall maintain all accounting and financial records related to the Contract and performance of the Work in accordance with generally accepted accounting practices, and shall keep and make such records available for inspection and audit by representatives of the City upon reasonable written notice.

32. USE TAX REQUIREMENTS

During the performance of this Agreement, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

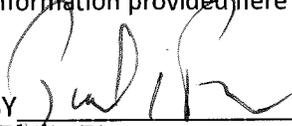
- A. Use Tax Direct Payment Permit: For all leases and purchases of materials, equipment, supplies, or other tangible personal property used to perform the Agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment Permit from the California State Board of Equalization ("SBE") in accordance with the applicable SBE criteria and requirements.
- B. Sellers Permit: For any construction contract and any construction subcontract in the amount of \$5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the SBE and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the SBE, and shall provide a copy of each remittance to the City.
- C. The above provisions shall apply in all instances unless prohibited by the funding source for the Agreement.

IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the date set for opposite their names.

CONTRACTOR

Under penalty of perjury, I certify that the taxpayer identification number and all other information provided here are correct.

DATE 9/28/2016

BY 
Philip Pizzo

Print Name
President

Title

BY _____

Print Name

Title
208176426

Federal ID#
27262963

State ID#
157420

City of Sacramento Business Operation Tax Certificate No. (City will not award contract until Certificate Number is obtained)

Type of Business Entity (*check one*):

- Individual/Sole Proprietor
- Partnership
- Corporation
- Limited Liability Company
- Other (*please specify:* _____)

CITY OF SACRAMENTO
a municipal corporation

DATE _____

BY _____
For: John F. Shirey, City Manager

Original Approved As To Form:

Attest:

City Attorney

City Clerk

CONTRACTOR NAME: Abide Builders, Inc.

**TO THE HONORABLE CITY COUNCIL
 SACRAMENTO, CALIFORNIA:**

In compliance with the Contract Documents, the undersigned hereby proposes to furnish all required labor, materials, supervision, transportation, equipment, services, taxes and incidentals required for:

**MULTI-SITE WATER IMPROVEMENTS
 (L19101200)**

in the City and County of Sacramento, California.

The Work is to be done in strict conformity with the Contract Documents now on file in the Office of the City Clerk, for the following sum:

Item No.	Item	Estimated Quantity	Unit	Unit Price	Total
CHUCKWAGON PARK:					
1	Temporary Construction Fence	1	LS	\$ 1,200	\$ 1,200
2	Demolition	1	LS	\$ 1,500	\$ 1,500
3	Irrigation System Improvements	1	LS	\$ 10,320	\$ 10,320
4	Central Control System	1	LS	\$ 33,600	\$ 33,600
5	Concrete Flatwork to Construct	1	LS	\$ 1,300	\$ 1,300
6	9" Concrete Mow strip	1	LS	\$ 2,500	\$ 2,500
7	Stabilize Decomposed Granite Paving	1	LS	\$ 900	\$ 900
8	Domestic Water System	1	LS	\$ 2,500	\$ 2,500
9	Irrigation Enclosure Fencing	1	LS	\$ 12,500	\$ 12,500
				Subtotal	\$ 66,320
WOODBINE PARK:					
10	Temporary Construction Fence	1	LS	\$ 480	\$ 480

CITY OF SACRAMENTO
 Department of Parks and Recreation
 Park Planning and Development Services

11	Demolition	1	LS	\$ 1500	\$ 1500
12	Clearing and Grubbing	1	LS	\$ 2500	\$ 2500
13	Irrigation System Improvements	1	LS	\$ 100,800	\$ 100,800
14	Central Control System	1	LS	\$ 34,440	\$ 34,440
15	Concrete Flatwork to Construct	1	LS	\$ 1300	\$ 1300
16	9" Concrete Mow strip	1	LS	\$ 2500	\$ 2500
17	Stabilize Decomposed Granite Paving	1	LS	\$ 1200	\$ 1200
18	Landscape Weed Block Fabric to Install	1	LS	\$ 3084	\$ 3084
19	Bark Mulch to Install	1	LS	\$ 14,112	\$ 14,112
20	Landscape Improvements	1	LS	\$ 20,800	\$ 20,800
21	Turf Hydroseeding	1	LS	\$ 6000	\$ 6000
23	Irrigation Enclosure Fencing	1	LS	\$ 12,500	\$ 12,500
				Subtotal	\$ 209,216
VALLEY HI PARK:					
24	Temporary Construction Fence	1	LS	\$ 480	\$ 480
25	Demolition	1	LS	\$ 1500	\$ 1500
26	Irrigation System Improvements	1	LS	\$ 9600	\$ 9600
27	Booster Pump Assembly to Install	1	LS	\$ 34,800	\$ 34,800
28	Turf Repairs	1	LS	\$ 2400	\$ 2400
				Subtotal	\$ 40,780
ROBERTSON PARK:					
29	Demolition	1	LS	\$ 1200	\$ 1200

30	Central Control System	1	LS	\$ <u>20,160</u>	\$ <u>20,160</u>
				Subtotal	\$ <u>21,360</u>
				TOTAL	\$ <u>345,676</u>

CONTRACTOR NAME: Abide Builders, Inc.

TOTAL \$ 345,676

SCHEDULE

If awarded the Contract, the undersigned agrees to sign said Contract and furnish the necessary surety bonds and insurance certificates within ten (10) days after receipt of the notice of award of the Contract, and to begin work within fifteen (15) days after the issuance of the Notice to Proceed by the City.

It is understood that this Bid Proposal is based upon completion of the Work within a period of **THIRTY (30) WORKING DAYS**. The Contractor shall refer to Section 1.B Completion Time of the Special Provisions for calculation of the completion date.

DETERMINATION OF LOW BIDDER

SPECIAL CONDITION: THE DETERMINATION OF THE LOW BIDDER WILL BE BASED ON THE BASE BID AND ALL ADDITIVE ALTERNATES. HOWEVER, THE CONTRACT AWARD MAY NOT INCLUDE ALL OF THE ADDITIVE ALTERNATIVES. THE CITY RESERVES THE RIGHT TO SELECT WHICH ADDITIVE ALTERNATIVES, IF ANY, TO INCLUDE IN THE CONTRACT AWARD IN ADDITION TO THE BASE BID WORK.

CORRECTING BID PROPOSAL: In determining the amount bid by each bidder, the City shall disregard mathematical errors in addition, subtraction, multiplication, and division that appear obvious on the face of the Bid Proposal. When such a mathematical error appears on the face of the Bid Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures.

When an item price is required to be set forth in the Bid Proposal, and the total for the item set forth separately does not agree with a figure which is derived by multiplying the item price times the Engineer's estimate of the quantity of work to be performed for said item, the item price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the bidding procedure. The total paid for each such item of work shall be based upon the item price and not the total price. Should the Bid Proposal contain only total price for the item and the item price is omitted, the City shall determine the item price by dividing the total price for the item by the Engineer's Estimate of the estimated quantities of work to be performed as items of work.

If the Bid Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Bid Proposal shall be disregarded.

BIDDER'S DECLARATION

The undersigned has examined the location of the proposed Work, the local conditions at the place where the Work is to be done, is familiar with the Contract Documents and is familiar and expressly agrees to the liquidated damages provision of the Contract Documents. The undersigned has checked carefully all of the foregoing figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this Bid Proposal.

Enclosed is Bid Proposal Guarantee, as required, consisting of a bidder's bond or other acceptable security for not less than ten percent (10%) of the amount Bid Proposal.

The undersigned agrees that all addenda received and acknowledged herein shall become a part of and be included in this Bid Proposal. This Bid Proposal includes the following addenda:

Add. #	<u>1</u>	DATE	<u>8/30/2016</u>
Add. #	<u>2</u>	DATE	<u>9/2/2016</u>
Add. #	<u>3</u>	DATE	<u>9/2/2016</u>
Add #	<u>4</u>	DATE	<u>9/8/2016</u>

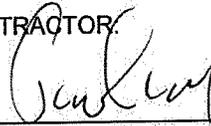
NOTE: State whether your concern is a corporation, a co-partnership, private individual, or individuals doing business under a firm name. If the Bidder is a corporation, the Bid Proposal must be executed in the name of the corporation and must be signed by a duly authorized officer of the corporation. If the Bidder is a partnership, the Bid Proposal must be executed in the name of the partnership and one of the partners must subscribe their signature thereto as the authorized representative of the partnership.

AMOUNT OF BID PROPOSAL GUARANTEE ENCLOSED:

(\$ N/A) not less than ten percent (10%) of amount Bid Proposal

<u>FOR CITY USE ONLY</u>	
BID BOND SECURITY	
<input type="checkbox"/>	Properly Signed
<input type="checkbox"/>	Improperly Signed
<input type="checkbox"/>	Not Included
<input type="checkbox"/>	Not Required
TYPE OF DEPOSIT	
<input type="checkbox"/>	Bid Bond
<input type="checkbox"/>	Cashier/Certified Check
<input type="checkbox"/>	Other _____
Initial: _____	

CONTRACTOR

By: 
 (Signature)

Philip Pizzo

(Print or Type)

President

Title _____

Address 825 Riverside Pkwy Ste 120

West Sacramento, CA 95605

Telephone No. 916-375-1009

Fax No. 916-375-1049

EMAIL ADDRESS ppizzo@abidebuilders.com

Date 9/19/2016

PLEASE PRINT CLEARLY AS BID RESULTS WILL BE SENT VIA EMAIL

Contractor's License No. 891745 Type A/B

Expiration Date 2/28/2017

Tax I.D. Nos. - Fed. 208176426 State CA

City of Sacramento Business Operation Tax Certificate No. 157420
(City will not award contract if Certificate Number is missing.)

City of
SACRAMENTO

SUBCONTRACTORS LIST

READ THE FOLLOWING REQUIREMENT CAREFULLY To be eligible for award of this contract, the bidder shall list any business and all subcontractors who perform work, labor, or render service in an amount in excess of one-half of 1 percent of the total bid amount shall be listed. In the case of bids for the construction of streets and highways, including bridges, subcontractors whose subcontract value exceeds one-half (0.5) of one percent of the total bid or ten thousand dollars (\$10,000), whichever is greater, shall be listed. Estimated dollar values shall be provided for all work/services listed. The inclusion of false information or the omission of required information may render the bid non-responsive.

SUBCONTRACTOR			
Name	Harrison Concrete Cutting	Contact	Josh Harrison
Address:	33522 CO Road 24	Phone	530-662-2185
City, State, Zip	Woodland, CA 95695	Dollar Value	\$21,000.00
Description of Services	Concrete Demolition		
Contractor Lic. #	764041	DIR Registration #	1000002611 ✓
SUBCONTRACTOR			
Name	PlayGrounds Unlimited	Contact	Richard MacDermott
Address:	980 Memorex Drive	Phone	408-639-5096
City, State, Zip	Santa Clara, CA 95050	Dollar Value	\$11,955.00
Description of Services	Play equipment installation		
Contractor Lic. #	756794	DIR Registration #	1000008376 ✓ MAK ASSOC.
SUBCONTRACTOR			
Name		Contact	
Address:		Phone	
City, State, Zip		Dollar Value	
Description of Services			
Contractor Lic. #		DIR Registration #	
SUBCONTRACTOR			
Name		Contact	
Address:		Phone	
City, State, Zip		Dollar Value	
Description of Services			
Contractor Lic. #		DIR Registration #	
SUBCONTRACTOR			
Name		Contact	
Address:		Phone	
City, State, Zip		Dollar Value	
Description of Services			
Contractor Lic. #		DIR Registration #	

Add additional pages if necessary.

Revised 4/15/14

**SECTION 3 BUSINESS AND MINORITY AND
WOMEN-OWNED BUSINESS ENTERPRISE
GOOD FAITH EFFORT CONTACT LOG**

Trade Demolition
Sub Contractor/Supplier ALL-CAL Demolition
Address 2624 Tierra Grande Circle
City, State, Zip Sacramento, CA 95827
Contact Method Telephone outreach, email
Contact Name/Number/Email/Fax, etc. Robert Trujillo 916-369-6286
Section 3 Business (circle one) Yes No MWBE Business Enterprise (circle one) Yes No

Trade Landscaping
Sub Contractor/Supplier Excel Landscape
Address 9624 Keifer Blvd.
City, State, Zip Sacramento, CA 95827
Contact Method Email outreach, telephone outreach
Contact Name/Number/Email/Fax, etc. Raymond Williams 916-366-6364
Section 3 Business (circle one) Yes No MWBE Business Enterprise (circle one) Yes No

Trade Trucking
Sub Contractor/Supplier V. Prasad Trucking, Inc.
Address 8556 Vintage Park
City, State, Zip Sacramento, CA 95828
Contact Method Email and phone outreach
Contact Name/Number/Email/Fax, etc. Vishal Prasad 916-716-5643
Section 3 Business (circle one) Yes No MWBE Business Enterprise (circle one) Yes No

Trade _____
Sub Contractor/Supplier _____
Address _____
City, State, Zip _____
Contact Method _____
Contact Name/Number/Email/Fax, etc. _____
Section 3 Business (circle one) Yes No MWBE Business Enterprise (circle one) Yes No

Copy and attach additional sheets as necessary

SUBMIT WITH BID/OFFER

**SECTION 3 BUSINESS AND MINORITY AND WOMEN-OWNED
BUSINESS ENTERPRISE OUTREACH QUESTIONNAIRE**

1. State how Section 3 business concerns and Minority and Women Owned Business Enterprise (M/WBE) were notified of subcontracting opportunities by the contractor and subcontractor(s)?
Public posting with company contact at the psysical project address site.

2. How were Section 3 business concerns and M/WBEs assisted in submitting bids?
Contact information provided regarding Section 3, M/WBEs provided with project details and contact information. Project drawings and manual sent via email for review.

3. What assistance was requested and received from community organizations. (Provide the names and dates of all community organizations contacted.)

4. State anything else that you would like to add in support of your demonstration of a good faith effort to outreach to Section 3 business concerns and M/WBEs. List any impediments encountered in soliciting and/or awarding contracts to Section 3 business concerns and/or M/WBEs.

AFFIDAVIT

The undersigned hereby declares under penalty of perjury under the Laws of the State of California that the foregoing statements on this questionnaire are true and correct. I acknowledge that any misrepresentation of a material fact in said statements may be grounds for initiating action under Federal or State laws and for rejecting the bid/offer.

Signature: _____
Date: 9/14/2016
County where signed: Yolo

SUBMIT WITH BID/OFFER

NOTICE

(Section 3 Notice Poster)

The contractor and subcontractor(s), if any, are committed to making employment and business opportunities available to residents and businesses in this community. This construction project may provide such opportunities.

If you have the skills and are interested in a construction or construction-related job or are in a business in which the contractor may be interested in, please contact:

contractor (Abide Builders, Inc.
825 Riverside Pkwy, Suite 120
West Sacramento, CA 95605
Lic# 891745
Phone: 916 875-1009

The contractor is an equal opportunity employer.

The above statement is a solicitation for interest in employment and contracting opportunities. It is not intended as a job or contracting offer.

This notice complies with the Section 3 Policy and 24 CFR 135.38 (c).

DRUG-FREE WORKPLACE POLICY AND AFFIDAVIT

***BID PROPOSAL MAY BE DECLARED NONRESPONSIVE IF THIS FORM (COMPLETED) IS NOT ATTACHED.
Pursuant to City Council Resolution CC90-498 dated 6/26/90 the following is required.***

The undersigned contractor certifies that it and all subcontractors performing under this Agreement will provide a drug-free workplace by:

1. Publishing a "Drug-Free Workplace" statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Establishing a Drug-Free Awareness Program to inform employees about:
 - a. The dangers of drug abuse in the workplace.
 - b. The contractor's policy of maintaining a drug-free workplace.
 - c. Any available drug counseling, rehabilitation, and employee assistance program.
 - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
3. Notify employees that as a condition of employment under this Agreement, employees will be expected to:
 - a. Abide by the terms of the statement.
 - b. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace.
4. Making it a requirement that each employee to be engaged in the performance of the Agreement be given a copy on the "Drug-Free Workplace" statement.
5. Taking one of the following appropriate actions, within thirty (30) days of receiving notice from an employee or otherwise receiving such notice, that said employee has received a drug conviction for a violation occurring in the workplace:
 - a. Taking appropriate disciplinary action against such an employee, up to and including termination; or
 - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement or other appropriate agency.

* I certify that no person employed by this company, corporation, or business has been convicted of any criminal drug statute violation on any job site or project where this company, corporation or business was performing was within three years of the date of my signature below.

EXCEPTION:

Date	Violation Type	Place of Occurrence

If additional space is required use back of this form.

* The above statement will also be incorporated as a part of each subcontract agreement for any and all subcontractors selected for performance on this project.

IN THE EVENT THIS COMPANY, CORPORATION, OR BUSINESS IS AWARDED THIS CONSTRUCTION AGREEMENT, AS A RESULT OF THIS BID; THE CONTRACTOR WITH HIS/HER SIGNATURE REPRESENTS TO THE CITY THAT THE INFORMATION DISCLOSED IN THIS DOCUMENT IS COMPLETE AND ACCURATE. IT IS UNDERSTOOD AND AGREED THAT FALSE CERTIFICATION IS SUBJECT TO IMMEDIATE TERMINATION BY THE CITY.

The Representations Made Herein On This Document Are Made Under Penalty Of Perjury.

CONTRACTOR'S NAME:

Abide Builders, Inc.

BY:

Signature

President

Title

Date:

9/14/2016

Effects of violations: a. Suspension of payments under the Agreement. b. Suspension or termination of the Agreement. c. Suspension or debarment of the contractor from receiving any Agreement from the City of Sacramento for a period not to exceed five years.

MINIMUM QUALIFICATIONS QUESTIONNAIRE

Sacramento City Code Section 3.60.020 authorizes the Sacramento City Council to adopt standard minimum qualifications for bidders on competitively bid public works construction projects, and requires, among other provisions, that a bidder meet such minimum qualifications at the time of bid opening in order to bid. On July 31, 2007, the City Council adopted Resolution No. 2007-574 establishing these standard minimum qualifications. Pursuant to City Code section 3.60.020, a bidder failing to meet these minimum qualifications at the time of bid opening shall not be considered a responsible bidder for purposes of bidding on the subject project.

All bidders must demonstrate compliance with the minimum qualifications established by Resolution No. 2007-574 by completing all of the questions contained in this questionnaire. Bidder responses shall be limited to those operating business units, offices, branches and/or subsidiary divisions of the bidder that will be involved with the performance of any project work if awarded the contract. If a bidder answers "yes" to any single question, fails to submit a fully completed questionnaire, or submits false information, this will result in a determination that the minimum qualifications are not met, and the bidder shall not be considered a qualified bidder for purposes of bidding on this contract. If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must separately meet these minimum qualifications for the Joint Venture to be considered a qualified bidder.

The City of Sacramento ("City") shall make its determination on the basis of the submitted questionnaire, as well as any relevant information that is obtained from others or as a result of investigation by the City. While it is the intent of this questionnaire to assist the City in determining whether bidders possess the minimum qualifications necessary to submit bids on the City's competitively bid public works construction contracts, the fact that a bidder submits a questionnaire demonstrating that it meets these minimum qualifications shall not in any way limit or affect the City's ability to: (1) review other information contained in the bid submitted by the bidder, and additional relevant information, and determine whether the contractor is a responsive and/or responsible bidder; or (2) establish pre-qualification requirements for a specific contract or contracts.

By submitting this questionnaire, the bidder consents to the disclosure of its questionnaire answers: (i) to third parties for purposes of verification and investigation; (ii) in connection with any protest, challenge or appeal of any action taken by the City; and (iii) as required by any law or regulation, including without limitation the California Public Records Act (Calif. Gov't Code sections 6250 et seq.). Each questionnaire must be signed under penalty of perjury in the manner designated at the end of the form, by an individual who has the legal authority to bind the bidder submitting the questionnaire. If any information provided by a bidder becomes inaccurate, the bidder shall immediately notify the City and provide updated accurate information in writing, under penalty of perjury.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

QUESTIONNAIRE

NOTICE: For firms that maintain other operating business units, offices, branches and/or subsidiary divisions that will not be involved with the performance of any project work if the firm is awarded the contract, references hereafter to "your firm" shall mean only those operating business units, offices, branches and/or subsidiary divisions that will be involved with the performance of any project work.

All of the following questions regarding "your firm" refer to the firm (corporation, partnership or sole proprietor) submitting this questionnaire, as well as any firm(s) with which any of your firm's owners, officers, or partners are or have been associated as an owner, officer, partner or similar position within the last five years

The firm submitting this questionnaire shall not be considered a responsible bidder if the answer to any of these questions is "yes", or if the firm submits a questionnaire that is not fully completed or contains false information.

1. **Classification & Expiration Date(s) of California Contractor's License Number(s) held by firm:**
A/B Exp. 2/28/2017

2. Has a contractor's license held by your firm and/or any owner, officer or partner of your firm been revoked at anytime in the last five years?
 Yes No
3. Within the last five years, has a surety firm completed a contract on your firm's behalf, or paid for completion of a contract to which your firm was a party, because your firm was considered to be in default or was terminated for cause by the project owner?
 Yes No
4. At the time of submitting this minimum qualifications questionnaire, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract, pursuant to either California Labor Code section 1777.1 (prevailing wage violations) or Labor Code section 1777.7 (apprenticeship violations)?
 Yes No
5. At any time during the last five years, has your firm, or any of its owners, officers or partners been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?
 Yes No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

6. Answer either subsection A or B, as applicable:

A. Your firm has completed three or more government construction contracts in Sacramento County within the last five years: Within those five years, has your firm been assessed liquidated damages on three or more government construction contracts in Sacramento County for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging the assessment of liquidated damages on a government contract within the last five years, you need not include that contract in responding to this question.

Yes

No

Not applicable

OR

B. Your firm has not completed at least three government construction contracts in Sacramento County within the last five years: Within the last three years, has your firm been assessed liquidated damages on three or more government construction contracts for failure to complete contract work on time?

NOTE: If there is a pending administrative or court action challenging an assessment of liquidated damages on a government contract within the last three years, you need not include that contract in responding to this question.

Yes

No

Not applicable

7. In the last three years has your firm been debarred from bidding on, or completing, any government agency or public works construction contract for any reason?

NOTE: If there is a pending administrative or court action challenging a debarment, you need not include that debarment in responding to this question.

Yes

No

8. Has CAL OSHA assessed a total of three or more penalties against your firm for any "serious" or "willful" violation occurring on construction projects performed in Sacramento County at any time within the last three years?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes

No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

9. Answer either subsection A or B, as preferred:

A. In the last three years has your firm had a three year average Workers' Compensation experience modification rate exceeding 1.1?

Yes

No

OR

B. In the last three years has your firm had a three-year average incident rate for total lost workday cases exceeding 10?

NOTE: Incident rates represent the number of lost workday cases per 100 full-time workers and is to be calculated as: $(N/EH) \times 200,000$, where

N = number of lost workday cases (as defined by the U.S. Dept. of Labor, Bureau of Labor Statistics)

EH = total hours worked by all employees during the calendar year

200,000 = base for 100 equivalent full-time working (working 40 hours per week, 50 weeks per year)

Yes

No

10. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed penalties three or more times, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was a contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes

No

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

11. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed a single penalty of \$100,000 or more, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was the contractor in Sacramento County?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

12. In the past three years, have civil penalties been assessed against your firm pursuant to California Labor Code 1777.7 for violation of California public works apprenticeship requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

13. In the past three years, has a public agency in California withheld contract payments or assessed penalties against your firm for violation of public works prevailing wage requirements, three or more times?

NOTE: If there is a pending administrative or court action appealing a withholding or penalty assessment, you need not include that withholding or penalty assessment in responding to this question.

Yes No

14. Has your firm been assessed penalties for violation of public works prevailing wage requirements in California, in an aggregate amount for the past three years of \$50,000 or more?

NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

Yes No

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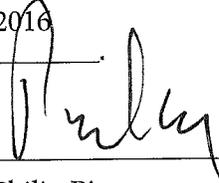
RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

VERIFICATION AND SIGNATURE

I, the undersigned, certify and declare that I have read all the foregoing answers to this Minimum Qualifications Questionnaire, and know their contents. The matters stated in these Questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed at West Sacramento, CA, on 9/14/2016
(Location) (Date)

Signature: 

Print name: Philip Pizzo

Title: President

NOTE: If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must submit a separate Minimum Qualifications Questionnaire.

FOR CITY CLERK USE ONLY

RESOLUTION NO.: 2007-574

DATE ADOPTED: July 31, 2007

NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits By City Contractors Ordinance (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$25,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed. The provisions apply only to those employee(s) actually working on the City contract and only for the actual amount of time the employee(s) spend working on such contract.

The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to contracts for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use of occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

“Contractor” means any person or persons, firm partnership or corporation, company , or combination thereof, that enters into a Contract with the City. “Contractor” does not include a public entity.

“Domestic Partner” means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

“Employee Benefits” means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees; “Employee benefits” shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

CONTRACTOR'S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee's name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS

(a) All contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form (attachment “A”), signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed contract, and will be made available for public inspection and copying during regular business hours.

(b) The Contractor shall give each existing employee working directing on a City contract, and (at the time of hire), each new employee, a copy of the notification provided as attachment “B.”

(c) Contractor shall post, in a place visible to all employees, a copy of the notice provided as attachment “C.”

**DECLARATION OF COMPLIANCE
Equal Benefits Ordinance**

Abide Builders, Inc.

Name of Contractor

825 Riverside Pkwy, Suite 120, West Sacramento, CA 95605

Address

The above named contractor ("Contractor") hereby declares and agrees as follows:

1. I have read and understand the Non-Discrimination In Employee Benefits By City Contractors Ordinance ("Ordinance") provided to me by the City of Sacramento ("City") in connection with the City's request for proposals or other solicitations for the performance of services, or for the provision of commodities, under a City contract or agreement ("Contract").
2. As a condition of receiving the City Contract, I agree to fully comply with the requirements of the Ordinance, codified as Chapter 3. 54 of the Sacramento City Code.
3. If the face amount of this City Contract is less than \$100,000.00 as a condition of receiving this Contract, I agree to notify the City in writing if the aggregate value of the City Contract referenced herein, after changes, modifications, or similar actions, equals or exceeds \$100,000.00 in total value.
4. I understand, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance, are any of the following:
 - a. Bereavement Leave
 - b. Disability, life, and other types of insurance
 - c. Family medical leave
 - d. Health benefits
 - e. Membership or membership discounts
 - f. Moving expenses
 - g. Pension and retirement benefits
 - h. Vacation
 - i. Travel benefits
 - j. Any other benefit offered to employees

I agree that should I offer any of the above listed employee benefits, that I will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

5. I understand that I will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. In the event that the actual cost of providing a benefit to a domestic partner or spouse, exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, I will not be required to provide the benefit, nor shall it be deemed discriminatory, if I require the employee to pay the monetary difference in order to provide the benefit to

the domestic partner or to the spouse.

- b. In the event I am unable to provide a certain benefit, despite taking reasonable measures to do so, if I provide the employee with a cash equivalent, I will not be deemed to be discriminating in the application of that benefit.
- c. If I provide employee benefits neither to employee's spouses nor to employee's domestic partners.
- d. If I provide employee benefits to employees on a basis unrelated to marital or domestic partner status.
- e. If I submit, to the Program Coordinator, written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies which are to be enacted before the first effective date after the first open enrollment process following the date the Contract is executed with the City.

I understand that any delay in the implementation of such policies may not exceed one (1) year from the date the Contract is executed with the City, and applies only to those employee benefits for which an open enrollment process is applicable.

- f. Until administrative steps can be taken to incorporate, in the infrastructure, nondiscrimination in employee benefits

The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date the Contract is executed with the City.

- g. Until the expiration of a current collective bargaining agreement(s) where, in fact, employee benefits are governed by a collective bargaining agreement(s).
- h. I take all reasonable measures to end discrimination in employee benefits by either requesting the union(s) involved agree to reopen the agreement(s) in order for me to take whatever steps are necessary to end discrimination in employee benefits or by my ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
- i. In the event I cannot end discrimination in employee benefits despite taking all reasonable measures to do so, I provide a cash equivalent to eligible employees for whom employee benefits (as listed previously), are not available.

Unless otherwise authorized in writing by the City Manager, I understand this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or no longer than three (3) months from the date the Contract is executed with the City.

- 6. I understand that failure to comply with the provisions of Section 5. (a) through 4. (i), above, will subject me to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full; deemed ineligible for future contracts for up to two (2) years; the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee,

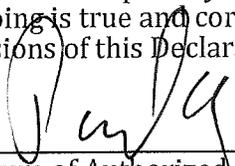
for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.

7. I understand and do hereby agree to provide each current employee and, within ten (10) days of hire, each new employee, of their rights under the Ordinance. I further agree to maintain a copy of each such letter provided, in an appropriate file for possible inspection by an authorized representative of the City. I also agree to prominently display a poster informing each employee of these rights.
8. I understand that I have the right to request an exemption to the benefit provisions of the Ordinance when such a request is submitted to the Procurement Services Division, in writing with sufficient justification for resolution, prior to contract award.

I further understand that the City may request a waiver or exemption to the provisions or requirements of the Ordinance, when only one contractor is available to enter into a contract or agreement to occupy and use City property on terms and conditions established by the City; when sole source conditions exist for goods, services, public project or improvements and related construction services; when there are no responsive bidders to the EBO requirements and the contract is for essential goods or services; when emergency conditions with public health and safety implications exist; or when the contract is for specialized legal services if in the best interest of the City.

9. In consideration of the foregoing, I shall defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the City's Equal Benefits Requirements or of the Ordinance by me.

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 the Contractor to the provisions of this Declaration.



Signature of Authorized Representative

Philip Pizzo

Print Name
President

Title

9/14/2016

Date

Contractor's License Detail for License # 891745

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.

Per B&P 7071.17 , only construction related civil judgments reported to the CSLB are disclosed.

Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.

Due to workload, there may be relevant information that has not yet been entered onto the Board's license database.

Business Information

ABIDE BUILDERS INC
 825 RIVERSIDE PARKWAY STE 120
 WEST SACRAMENTO, CA 95605
 Business Phone Number:(916) 375-1009

Entity Corporation
 Issue Date 02/28/2007
 Expire Date **02/28/2017**

License Status

This license is current and active.

All information below should be reviewed.

Classifications

A - GENERAL ENGINEERING CONTRACTOR
 B - GENERAL BUILDING CONTRACTOR

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with OLD REPUBLIC SURETY COMPANY.

Bond Number: WCL1245856

Bond Amount: \$15,000

Effective Date: 01/01/2016

Contractor's Bond History

Bond of Qualifying Individual

The qualifying individual PHILIP JOSEPH PIZZO certified that he/she owns 10 percent or more of the voting stock/membership interest of this company; therefore, the Bond of Qualifying Individual is not required.

Effective Date: 02/28/2007

Workers' Compensation

This license has workers compensation insurance with the EVEREST NATIONAL INSURANCE COMPANY

Policy Number: 7600014684

Effective Date: 04/01/2015

Expire Date: 04/01/2017

Workers' Compensation History

Other



Home | Labor Law | Cal/OSHA - Safety & Health | Workers' Comp | Self Insurance | Apprenticeship | Director's Office | Search

Go to Search

Home | Labor Law | Cal/OSHA - Safety & Health | Workers' Comp | Self Insurance | Apprenticeship | Director's Office | Search

Public Works

Public Works Contractor (PWC) Registration Search

This is a listing of current and active PWC registrations pursuant to Division 2, Part 7, Chapter 1 (commencing with section 1720 of the California Labor Code.)

Enter at least one search criteria to display active registered public works contractor(s) matching your selections.

Registration Year:

PWC Registration Number:

Contractor Legal Name: Contractor License Lookup

License Number:

County:

1000003318 Search Contractor Details
Reset

Export as: Excel | PDF

Contractor Information

Legal Entity Information

Workers' Compensation

	Legal Name	Registration Number	County	Legal Entity Type	City	Registration Date	Expiration Date
Details	ABIDE BUILDERS, INC.			CORPORATION			
View	ABIDE BUILDERS, INC.	1000003318	YOLO		WEST SACRAMENTO	06/01/2016	06/30/2017

ABIDE BUILDERS, INC. v2.20160101

License Number(s)
CSLB :891745

Mailing Address
825 RIVERSIDE PARKWAY SUITE 120
WEST SACRAMENTO, CA 95605

Physical Address
825 RIVERSIDE PARKWAY SUITE 120
WEST SACRAMENTO, CA 95605

Email Address
PPIZZO@ABIDEBUILDERS.COM

Work with Us
Licensing, registrations, certifications & permits
Notification of activities
Public Records Act

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DIR Divisions, Boards & Commissions
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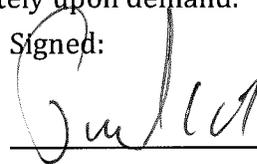
GUARANTEE

We hereby guarantee the **MULTI-SITE WATER IMPROVEMENT Project (PN: L19101200)** the City of Sacramento for one (1) year in accordance with the guarantee required in the specifications. We agree to repair or replace any or all such work, together with all or any other work which may be displaced in so doing, that may be proven defective in workmanship or material within the one-year period from the date of acceptance without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of our failure to comply with the above-mentioned conditions within five (5) days time after being notified in writing, we collectively or separately, do hereby authorize the City to proceed to have the defects repaired and made good at our expense and will pay the costs and damages, including but not limited to any related attorney fees and City staff and administrative expenses, therefor immediately upon demand.

Dated: 9/28/2016

Signed:



Philip Pizzo

Printed Name

Abide Builders, Inc.

Company

825 Riverside Parkway, Suite 120

Address

West Sacramento, CA 95605

WORKER'S COMPENSATION CERTIFICATION

**MULTI-SITE WATER IMPROVEMENTS
(PN: L1901200)**

In accordance with Article 5 (commencing at Section 1860), Chapter 1, Part 7, Division 2 of the Labor Code, the below certificate must be signed and filed with the awarding body prior to performing any work under this contract. Labor Code Section 3700, inter alia, states the following:

"Every employer shall secure the payment of compensation in one or more of the following ways:

- "(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.

- "(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

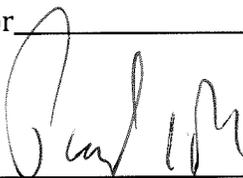
To be signed by authorized corporate officer or partner or individual submitting the Proposal. If Bidder is: (example)

1. An individual using a firm name, sign: "John Doe, an individual doing business as Blank Company."
2. An individual doing business under his own name, Sign: your name only.
3. A co-partnership, sign: "John Doe and Richard Doe, co-partners doing business as Blank Company, by, John Doe, co-partner.
4. A corporation, sign: "Blank Company, by John Doe, Secretary." (or other title)

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

DATE: 9/28/2016

Abide Builders, Inc.
Contractor _____

By 
Signature

Construction and Demolition (C&D) Debris Recycling Requirements

As a condition of receiving this Contract, Contractor agrees to fully comply with the requirements specified herein for all demolition projects, as well as projects with a valuation of \$250,000 or more:

1. **Definitions.** For purposes of this section, the following terms, words and phrases shall have the following meanings:

“Certified C&D sorting facility” means a facility that receives C&D debris and/or processes C&D debris into its component material types for reuse, recycling, and disposal of residuals and possesses a valid certificate as a C&D sorting facility from the Sacramento Regional County Solid Waste Authority.

“Construction and demolition debris” or “C&D debris” means used or commonly discarded materials resulting from construction, repair, remodel or demolition operations on any pavement, house, building, or other structure, or from landscaping that are not hazardous as defined in California Health and Safety Code section 25100 et seq. Such materials include, but are not limited to, concrete, asphalt, wood, metal, brick, dirt, sand, rock, gravel, plaster, glass, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, masonry, plastic pipe, trees, and other vegetative matter resulting from land clearing and landscaping.

“Divert” or “diversion” means to use materials for any purpose other than disposal in a landfill or transformation facility. Methods to divert materials include on-site reuse of the materials, delivery of materials from the project site to a certified C&D sorting facility or a recycling facility, or other methods as approved in regulations promulgated by the City Department of Utilities.

“Franchised waste hauler” means a person who possesses a valid commercial solid waste collection franchise issued by the Sacramento Regional County Solid Waste Authority.

“Mixed C&D debris” means loads that include commingled recyclable and non-recyclable C&D debris generated at a project site.

“Recyclable C&D debris” means C&D debris required to be diverted from landfills as specified in the Waste Management Plan and returned to the economic mainstream in the form of raw material for new, reused or reconstituted products that meet the quality standards necessary to be used in the marketplace.

“Recycling facility” means a facility or operation that receives, processes, and transfers source-separated recyclable materials.

“Source-separated C&D debris” means recyclable C&D debris that is separately sorted and containerized at the site of generation by individual material type and segregated from mixed C&D debris prior to collection and transporting.

“Waste log” means a record detailing the management of C&D debris generated by the covered project, including the date and weight/volume of material by type that was salvaged, reused, recycled or disposed.

2. **Waste Management Plan.** A completed WMP (see **Attachment 1**) must be submitted to and approved by the City prior to commencing any work on the project. The WMP must specify the types of C&D debris that will be generated from the project; the manner in which C&D debris will be managed and/or stored on the project site; the manner in which recyclable C&D debris generated from the project will be recycled or reuse; the person who will haul, collect or transport the recyclable C&D debris from the project site; and the certified C&D sorting facility or recycling facility where recyclable C&D debris will be delivered. The WMP must be approved by the City prior to commencing any work on the project.

3. Contractor shall be solely responsible for diverting the recyclable C&D materials specified on the WMP. Mixed C&D debris shall be delivered to a SWA-certified C&D sorting facility only. Only the permit holder, the person who generates the waste, a franchised waste hauler, or the City of Sacramento can transport or haul mixed C&D debris. Source-separated C&D debris may be delivered by any person to any recycling facility that accepts such materials. (See **Attachment 2** for list of C&D Debris Haulers and Facilities).

4. During the course of the project, Contractor shall maintain a waste log (see **Attachment 3**), and keep all weight tickets or weight receipts, for all C&D debris hauled away from the project. At a minimum, the waste log shall specify the C&D debris generated by the project; the manner in which C&D debris was recycled or re-used; and the facility where the C&D debris was delivered.

5. Within 30 days after submitting the project completion report, Contractor shall submit to the City a completed waste log, along with copies of supporting weight tickets. Contractor shall maintain and keep accurate and complete records of all bills, weight receipts or weight tickets that were issued for the collection, transport or disposal of C&D debris for a period of one-year after submittal of the waste log. The records shall be made available for inspection, examination and audit by the City during the one-year retention period to validate the information provided in the WMP and in the waste log. If the City determines noncompliance by the Contractor after an audit has been conducted, Contractor shall reimburse the City for all costs incurred in performing the audit.

6. Failure by Contractor to comply with any provisions specified herein will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; imposition of a penalty, payable to the City (\$50-\$250 for first offense, \$251-\$500 for second offense, and \$501-\$1500 for subsequent offenses); and/or submission of a performance security deposit fee when submitting a permit application to the City for a project within one year of imposition of the penalty.

For questions or to obtain more information about the Recycling Requirements for C&D debris, contact the City of Sacramento, Solid Waste Services Division, 2812 Meadowview Road, Building 1, Sacramento, CA 95832, or telephone (916) 808-4833, or email C&D@cityofsacramento.org

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Form
submitted by:

Abide Builders, Inc. 825 Riverside Pkwy Ste 120, West Sacramento, CA 95605

Please attach a business card, or put your name with a phone number and/or an email address.

This Waste Management Plan (WMP) must be submitted and approved before work can begin. Only one WMP is required for each public construction project. The administration fee and, if applicable, a security deposit must be submitted with this form to be approved. Administration fee is 0.04% of project bid amount (min \$40, max \$800); security deposit, if applicable, is 1% of bid amount (max \$10,000). The accompanying Waste Log must be submitted within 30 days of the project completion report, or a penalty may be imposed.

A. Building Project Information:

Job Address: Bridgeford Dr., 24th St., Center Pkwy, Silver Eagles Rd., Sacramento, CA
Contractor: Abide Builders, Inc.
Address: 825 Riverside Pkwy Ste 120 West Sacramento, CA 95605

Engineering Estimate: \$345,000.00
Phone: 916-375-1009
Email: ppizzo@abidebuilders.com

B. Briefly describe the project:

Demolition, irrigation, landscaping, concrete work, etc. on multiple park sites.

C. Materials Required to be Recycled

50% of all debris must be recycled if generated during the course of your project. You can either source-separate them, which may be hauled by anyone, or mix them in one container and send the mixed C&D debris load to a Certified Mixed C&D Sorting Facility. Mixed C&D loads can only be hauled by a franchised hauler or self-hauled. Please see the Definitions section, on the next page, for more information.

50%
of all debris
must be recycled

D. Material Management

- How will C&D debris will be stored on the project site: Mixed C&D Source-Separated
- Company to haul away debris: Self performed/Abide Builders, Inc.
- Facilities to receive debris: L&D Landfill

C&D Debris Waste Management Plan

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4839 / Fax: (916) 808-4999
C&D@cityofsacramento.org

E. Definitions.

Please read and understand these terms. Call Solid Waste at (916) 808-4833 if these terms are not clear to you. More information is also available online at <http://www.cityofsacramento.org/utilities/>.

1. **Self-haul or self-hauling:** This is when the general contractor or a subcontractor *who is doing work on the project* hauls their own waste materials for recycling or disposal. Note that a *jobsite cleanup crew is not doing other work on the project and is not self-hauling*. Jobsite cleanup crews need to be franchised in order to haul mixed C&D debris away.
2. **Franchised hauler:** Check the Department of Utilities (DOU) website for a list of these haulers. Only these companies and the City of Sacramento can collect and haul mixed C&D debris generated within the City for a fee.
3. **Source separation:** This means keeping wood, metal, cardboard, or other recyclables in separate containers, and sending the materials to an authorized recycler. A list of authorized recyclers can be found on the DOU web site. Source-separated materials may be hauled by anyone.
4. **Mixed C&D debris:** This means putting all recyclable debris into one container. Mixed materials must be sent to a certified mixed C&D sorting facility. Mixed materials may be either self-hauled or hauled by a franchised hauler. If your job site is crowded, this option saves the most space.
5. **Certified Mixed C&D Sorting Facility:** See the DOU web site for a list. These facilities have been certified by the Sacramento Regional Solid Waste Authority (SWA) to extract recyclable materials from mixed C&D debris.

F. Terms and Conditions

- Your approved Waste Management Plan and Waste Log must be kept on the job site for the duration of the project.
- City of Sacramento Solid Waste Services staff may enter the jobsite to inspect waste collection areas.
- **ALL Clean Wood Waste** (unpainted, untreated lumber, plywood and OSB), **Inert Materials** (concrete, asphalt paving, brick, block, and dirt), **Wooden Pallets**, **Scrap Metal**, and **Corrugated Cardboard** must be recycled.
- Only SWA-Certified Mixed C&D Sorting Facilities may be used to recycle these materials if mixed with other materials.
- Only the City of Sacramento, SWA-Franchised Haulers, or self-haulers (as defined above) may collect and transport mixed C&D material from the jobsite.
- C&D Debris may not be burned or dumped illegally.
- Your Waste Log must be completed and submitted, with supporting weight tickets, within 30 days of submitting your project completion report. All waste hauling and disposal or recycling activity must be entered on the Waste Log, including information from any subcontractors who self-hauled their own debris off-site.
- You must keep all receipts or weight-tickets from your project for a period of one year from the submittal of your waste log.
- Failure to comply with these terms and conditions may result in a fine and payment of a security deposit on future projects.

C&D Debris Haulers & Facilities

C&D Debris Waste Management Plan
City of Sacramento Solid Waste Services
2812 Meadowview Road, Building 1
Sacramento, CA 95832
Phone: (916) 808-4833 / Fax: (916) 808-4999
C&D@cityofsacramento.org

Certified Mixed C&D Facilities

Allied Waste / Elder Creek Transfer and Recovery	(916) 387-8425
Florin-Perkins Public Disposal	(916) 443-5120
L&D Landfill	(916) 737-8640
Waste Management / K&M Recycle America	(916) 452-0142

Franchised Haulers

ACES Waste Services, Inc.	(866) 488-8837	Elk Grove Waste Management, LLC	(916) 689-4052
Allied Waste Services	(916) 631-0600	Mini Drops, Inc.	(916) 686-8785
All Waste Systems, Inc.	(916) 456-1555	Norcal Waste Services of Sacramento	(916) 381-5300
Atlas Disposal Industries, LLC	(916) 455-2800	North West Recyclers	(916) 686-8575
California Waste Recovery Systems	(916) 441-1985	Waste Management of Sacramento	(916) 387-1400
Central Valley Waste Services, Inc.	(209) 369-8274	Waste Removal & Recycling	(916) 453-1400
City of Sacramento Solid Waste	(916) 808-4839	Western Strategic Materials, Inc.	(916) 388-1076

Recyclers*

Bell Marine	(916) 442-9089
C & C Paper Recycling	(916) 920-2673
EBI Aggregates	(916) 372-7580
International Paper	(916) 371-4634
Modern Waste Solutions	(916) 447-6800
PRIDE Industries, Inc.	(916) 640-1300
Recycling Industries, Inc.	(916) 452-3961
Sacramento Local Conservation Corps	(916) 386-8394
Smurfit-Stone Container Corporation	(916) 381-3340
Southside Art Center	(916) 387-8080
Spencer Building Maintenance, Inc.	(916) 922-1900

Recovery Stations & Landfills

Elder Creek Recovery & Transfer Station	(916) 387-8425
Kiefer Landfill	(916) 875-5555
L & D Landfill	(916) 383-9420
North Area Recovery Station	(916) 875-5555
Sacramento Recycling & Transfer Station	(916) 379-0500
Waste Management Recycle America	(916) 452-0142

More updated information can be found online at:

<http://www.cityofsacramento.org/utilities/>

* Please note that any facility may receive source-separated recyclable materials as long as it is authorized to do so by the State of California. This is not meant to be a complete list.

CONTRACT SPECIFICATIONS

**For
Multi-Site Water Improvement Project**

(PN: L19101200)

Bid # B17191121003

For Pre-Bid Technical Information Contact:

Dennis Day, 916-808-7633 dday@cityofsacramento.org

For Questions Contact: Katherine Robbins at
916-808-1562, krobbins@cityofsacramento.org

**Bids to be received before
2:00 P.M. September 14, 2016
at: City Clerk's Public Counter
New City Hall
915 I Street, 5th Floor
Sacramento, CA 95814**

Construction Cost: \$345,676

Construction Time: Thirty (30) working days

CDBG Funded project

Please see M/WBE GFE requirements contained in this bid package.

SPECIAL PROVISIONS FOR:
MULTI-SITE WATER IMPROVEMENTS
PN: L19101200

I. GENERAL REQUIREMENTS

A. SCOPE AND LOCATION OF WORK

The work to be performed under these Special Provisions consists of Provisions consists of temporary construction fencing and demolition, and various irrigation improvements at each park as follows 1) Chuckwagon Park includes replacement of an irrigation controller, and installation of a master valve and flow sensor, a domestic backflow preventer, tubular steel fence enclosure, concrete flatwork, and decomposed granite paving; 2) Woodbine Park includes removal of abandoned booster pump and concrete vault, replacement of an irrigation controller, installation of a master valve and flow sensor, tubular steel fence enclosure, concrete flatwork, and decomposed granite paving, an irrigation system, and landscape planting; 3) Valley Hi Park includes replacement of a booster pump assembly and concrete boxes for the existing master valve and flow sensor; and Robertson Park Tahoe Parks with includes replacement of an irrigation controller.

B. COMPLETION TIME

The time for the completion of all work is THIRTY (30) WORKING DAYS plus THIRTY (3) CALENDAR DAYS for PLANT ESTABLISHMENT. from the Notice to Proceed for substantial completion. Should said work not be completed to the satisfaction of the City within said time, the contractor shall pay to the City of Sacramento a sum of ONE THOUSAND DOLLARS (\$1,000.00) as liquidated damages and not as a penalty for each calendar day delay after the expiration of such period until the final acceptance of the work by the City and its delivery to the City.

C. SPECIFICATIONS

The work to be performed under this contract shall be done in accordance with the Standard Specifications of the City of Sacramento, adopted June 2007, referred to herein as "Standard Specifications" as modified by these Special Provisions, which shall apply to all work.

- i. Standard Specification 1-23 Engineer shall also mean Landscape Architect as defined in Standard Specification Section 1-33.
- ii. Standard Specifications Section 2-9 SUBCONTRACTORS, add the following after the sub paragraph 2 of the first paragraph in the Standard Specifications.

If a prime Contractor fails to specify a subcontractor, or, if a prime Contractor specifies more than one (1) subcontractor for the same portion of work to be performed under the Contract which portion

exceeds one-half of one percent of the prime Contractor's total bid, the prime Contractor agrees that he or she is fully qualified to perform that portion himself or herself, and that the prime Contractor shall perform that portion himself or herself.

iii. **Standard Specifications Section 5-4 COOPERATION OF CONTRACTOR**

Add the following after the last paragraph of the Standard Specifications Section 5-4 COOPERATION OF CONTRACTOR with the following:

Contractor shall cooperate with the Landscape Architect, inspectors, and with other Contractors in every way possible. The Inspectors shall designate sequence of construction in case of controversy between Contractors.

iv. **Standard Specifications Section 8 MEASUREMENT OF QUANTITIES**

Delete the paragraph following Section heading 8-1 and replace it with the following: "The City shall determine quantities of work acceptable under the terms of the contract. Not more than once per month the Contractor shall present to the City a statement showing the amount of labor and materials incorporated into the work."

v. Special Notice Regarding Standard Specifications: The Standard Specifications of the City of Sacramento, dated June 2007, are subject to the provisions of Title 3 of the Sacramento City Code. If there is any conflict between the Standard Specifications as currently written and Title 3 of the Sacramento City Code, the latter shall govern.

vi. Standard Specifications Section 7 PROSECUTION AND PROGRESS. Add the following after the last paragraph of the Standard Specifications. **Section 7-2 WORK SCHEDULE AND ADEQUATE RESOURCES**. Contractor shall submit with each Pay Request Application an updated Work Schedule. The updated Work Schedule is an integral part of the Pay Request Application. The Pay Request Application will not be accepted for processing without an accompanying updated Work Schedule.

D. **SUBCONTRACTORS**

The Contractor shall comply with Section 2-9 of the Standard Specifications.

E. **SCHEDULE OF UNIT PRICES**

The successful lowest responsible bidder shall provide a Schedule of Unit Prices to the Landscape Architect prior to the award of the contract. The form for the Schedule of Unit Prices will be provided to the successful lowest responsible bidder by the Landscape Architect. This

schedule of unit prices shall be not be used for payment. Unit prices provided on the schedule of unit prices are for information only and may be used as a basis for determining costs in changes in the work.

F. TIME OF AWARD

Section 3-2, "Time of Award: of the Standard Specifications is hereby amended for this project. Time of Award for this contract shall be made within ninety (90) calendar days after opening of the proposals to the lowest responsible bidder, unless otherwise stated in the contract agreement.

G. PRE-BID INTERPRETATION OF CONTRACT DOCUMENTS

No oral representations or interpretation will be made to any bidder as to the meaning of the contract documents. Request for interpretation shall be made in writing, and delivered to the City at least seven (7) days before the time announced for opening the proposals. Interpretation, where necessary, will be made by the City in the form of an addendum to the contract documents, and when issued, will be sent as promptly as is practical to all parties to whom the bid documents have been issued. All such addenda shall become part of the contract. Request for information regarding this procedure or other similar information, shall be directed to *Dennis Day, Project Manager, a Department of Parks and Recreation, Park Planning & Development Services, 915 I Street, 3rd Floor, Sacramento, CA 95814, (916) 808-7633, FAX (916) 808-8275, email dday@cityofsacramento.org.*

It shall also be the bidder's responsibility to call to the attention of the Landscape Architect any missing pages or drawings in the contract documents including the addenda. These items shall be brought to the attention of the Landscape Architect at least seven (7) calendar days before the bid opening date.

H. PRE-JOB CONFERENCE AND CONSTRUCTION SCHEDULE

The Contractor, after delivery of the contract and at least three (3) calendar days before beginning work, shall notify the Construction Inspector and arrange a pre-job conference. The Contractor shall submit to the Park Construction Inspector construction progress schedules in accordance with Section 7-2 of the Standard Specifications.

I. WORKMANSHIP AND MATERIALS

Except as otherwise specified, all materials and equipment incorporated in the work under the contract shall be new. The quality of materials and workmanship shall be in accordance with the provisions of Section 5-17 of the Standard Specifications. Appearance of the finished work is of primary importance in all phases of this project. Any portion of the work may be rejected due to appearance.

J. TRADE NAMES AND ALTERNATIVES

In accordance with Paragraph 5-18 of the Standard Specifications of the City of Sacramento, certain articles or materials to be incorporated in the work may be designated, for convenience, under a trade name or the name of a manufacturer and his catalogue information. The use of an alternative article or material which is of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the approval of the Landscape Architect. The Contractor shall, within **seven (7) calendar days** after the **Bid Summary and Notification of Award Recommendation**, submit for the review of the Landscape Architect, materials, products, equipment and services which differ in any respect from the materials, products, equipment and services specified. Such submittals shall be accompanied by data to substantiate that such items are equal to those specified. The Landscape Architect shall be the sole judge as to the quality and suitability of substitutions and his/her decision is final. Requests for substitutions will not be entertained or considered by the Landscape Architect during the bidding period. No delay or extension of the contract time will be allowed because of the time required for submitting substitutions or for determining their equality. Failure to propose the substitution of any article or service within **seven (7) calendar days** after the **Bid Summary and Notification of Award Recommendation** will be deemed sufficient cause for the denial of request for substitution.

After an approval for a substitution is given, the Contractor shall be responsible for any variation of dimensions, locations, connections, sizes and openings, type and construction of substrate or support to receive materials, etc. The Contractor shall furnish and install any and all additional materials as may be required to perform a complete job without additional cost to the City.

Request for approval shall, in addition to following the directions described above, list any and all deviations in the quality, criteria, characteristics or dimensions from the specified item or items. Any deviations in the quality, criteria, characteristics or dimensions that do not appear in the request for approval and subsequently appear in the shop drawings or in the product or installation, may cause the Contractor to be directed to remove the item or items in total and at his expense, and to provide and install the item or items as originally specified. The mere mention in the request for approval that the item or items will be in accord with the manufacturer's specification or catalog will not be sufficient to alter the specifications unless approval is given to requests, which specifically list in the requesting letter where deviations in the quality, criteria, characteristics or dimensions exist.

K. ACCIDENT PREVENTION

The Contractor's attention is directed to Section 6-9 of the Standard Specifications, which requires compliance with all requirements of the California Occupational Safety and Health Act.

L. LOCATION OF EQUIPMENT AND PIPING

Drawings showing locations of equipment, piping, valves, sprinkler heads, and other appurtenances are diagrammatic only. When installation deviates from the plans and specifications, the Landscape Architect shall be notified for approval. The Contractor will be held responsible for deviations made without first obtaining

the Landscape Architect's approval, and shall remove and relocate such items at his own expense if so directed by the Park Construction Inspector.

M. RELIEF FROM MAINTENANCE AND RESPONSIBILITY - RESOLUTION NO. 108 - DATED MARCH 26, 1970

Upon the written request of the Contractor and upon written approval by the City Landscape Architect, the Contractor may be relieved of the duty of maintaining and protecting certain portions of the work, which have been completed in all respects in accordance with the requirements of the contract and to the satisfaction of the City Landscape Architect, and thereafter, except with his consent, the Contractor will not be required to do further work thereon. In addition, such action by the City Landscape Architect will relieve the Contractor of responsibility for injury or damage to said completed portions of the work resulting from use by public traffic or from the action of the elements or from any other cause but not from injury or damage resulting from the Contractor's own operations or from his negligence. Nothing in this section providing for relief from maintenance and responsibility will be construed as relieving the Contractor of full responsibility for repairing or replacing defective work or materials found at any time before either the formal acceptance of the entire contract by the City Council, or during the applicable guarantee period.

N. CONFLICTS

This Section of the Special Provisions shall supersede Section 5-3 of the Standard Specifications. In case of conflict between drawings and specifications, the drawings shall govern in matters of quantity, the specifications in matters of quality. In case of conflict within the drawings involving quantities or within the specifications involving qualities, the greater quantity and the higher quality shall be furnished.

O. PROTECTION OF FACILITIES

The Contractor shall be directed to Section 7-7 of the Standard Specifications, which shall also include protecting the work and materials to be used thereon from damage or loss due to theft, vandalism and malicious mischief. The Contractor shall be held responsible for such damages or loss, which he shall remedy at his expense.

P. PROTECTION OF DRAINAGE FACILITIES

The Contractor shall maintain all new drainage facilities so storm drainage runoff into the new system is clean. Use straw bales around inlets to minimize sediment infiltration during rainy season and control irrigation schedule to minimize runoff during initial planting of turf.

Q. CLEANING

The Contractor shall at all times keep the premises free from accumulations of waste material or rubbish caused by his employees work, and at the completion of work, he shall remove all his rubbish from and about the site and all his tools, scaffolding and surplus materials, and shall leave his work area, including all sidewalks and paving areas "broom clean", or its equivalent, unless more exactly specified in other trade sections of the specifications. In case of dispute, the City may remove the rubbish and charge the cost to the Contractor. The Contractor at his expense shall remove spillage resulting from hauling operations along or

across any public traveled way immediately. Water or dust palliative shall be applied if ordered by the Park Construction Inspector for the alleviation or prevention of dust nuisance. Construction operations shall be conducted in such a manner as to cause as little inconvenience as possible to abutting property owners.

R. **SUBMITTALS**

In accordance with the provisions of Section 5-7, Standard Specifications of the City of Sacramento (except where noted below), the Contractor shall furnish the Landscape Architect with such shop drawings and other descriptive materials as may be necessary to adequately describe the equipment, material, and fabricated items proposed to be furnished under this contract, and to determine their compliance with the specifications, design, and arrangement shown on the contract drawings. Items to conform to Special Provisions and may include but not limited to:

<u>ITEM</u>	PRODUCT DATA	SHOP DRAWINGS	MOCK-UP OR SAMPLE
Concrete Mix	X		
Aggregate Base	X		
Domestic Water Pipe	X		
Sprinkler Heads	X		
Quick Couplers	X		
Valve Boxes & Lids	X		
Swing Joint Assemblies	X		
Mainline & Lateral Pipe	X		
Control Wire & Connectors	X		
Irrigation Controller	X		
Gate Valves	X		
Master Valve	X		
Flow Sensor	X		
PVC Fittings	X		
Solvent Weld for PVC	X		
Stabilized Decomposed Granite	X		
Tubular Steel Fencing	X	X	
Soil Amendments	X		X
Plant Material	X		
Hydroseed Mix and tags	X		X
Electrical Materials	X		

One (1) copy of such submittals shall be furnished for review by the Landscape Architect, **a digitally scanned copy** will promptly be returned with approval, rejection, or approval with modification. Neither equipment nor material shall deviate in any way from the approved drawings without prior written approval of the Landscape Architect. Any fabrication of other work performed in advance of such approval shall be done entirely at the risk of the Contractor. The approval of submitted drawings or other descriptive material shall not relieve the

Contractor of any obligation or responsibility for fulfillment of the contract as prescribed.

S. RECORD DRAWINGS OF NEW CONSTRUCTION

Should the work as installed differ from the original design, the Contractor shall supply the City with a reproducible Mylar "as-built" drawing with all deviations from the original recorded thereon (layout and grades included). This "as-built" shall be found to be of acceptable quality by the Landscape Architect. Upon request, the City shall supply the Contractor with a Mylar base map for his/her "as-built" drawing. "As-built" drawings shall also be required as stated in Section 36-4 of the Standard Specifications.

T. LICENSE REQUIREMENTS

For this publicly bid project either a General Engineering Contractor "A" that also holds a "C27" License, or a General Engineering Contractor "A" License with a qualified subcontractor "C27" Licensed. The "C27" contractor shall have previous park construction experience, and shall be required to install the irrigation and landscaping for municipal projects. The "A" contractor is categorized as a general engineering contractor as stated in the Business and Professions Code (B&P) Section 7056 of Article 4 Classifications on the California Contractors State License Board website.

PROTECTION OF EXISTING CONCRETE AND ASPHALT PAVEMENTS

Contractor shall repair and replace to City standards any existing asphalt or concrete pavements damaged during construction activities at no expense to the City. These pavement areas include street, curb and gutter, sidewalk and park path. Contractor shall meet with City inspector prior to construction activities to document existing conditions of these paved areas.

U. PROJECT COORDINATION

Contractor shall complete all general coordination with the Project Manager the Inspector and other staff as necessary to complete the Project in an efficient workmanlike manner; Submittals; Record Drawings; Maintenance of Traffic, Public Safety, and Convenience; Protection of Existing Improvements; Construction Facilities and Temporary Controls; Temporary Electricity; Project Closeout; and Operation and Maintenance Data for this project.

W. City Code 3.60.020 Determination of lowest responsible bidder

Where any provision of the city charter or this chapter requires competitive bidding and award of the contract for a public project to the lowest responsible bidder, the lowest responsible bidder shall be determined as follows:

- a. In determining whether a bidder is responsible, consideration shall be given to: (i) the quality of a public project to be provided by the bidder; (ii) the ability, capacity and skill of the bidder to perform the contract; (iii) the ability of the bidder to perform the contract within the time specified, without delay; (iv) the character, integrity, reputation, judgment, experience and efficiency of the bidder; and (v) the quality of the bidder's performance on previous contracts with the city.

- b. The City Council may by resolution, from time to time, adopt standard minimum qualifications for bidders on competitively bid contracts for public projects. If such standard minimum qualifications are included in the bid specifications for a contract, no bidder shall be considered "responsible" unless it is determined to be responsible in consideration of the factors set forth in subsection A, above, and also meets such standard minimum qualifications at the time of bid opening. The adoption and use of standard minimum qualifications shall not in any way limit or affect the city's ability to: (i) review information contained in a bid, and additional relevant information, and determine whether the bidder is a responsive and/or responsible bidder; or (ii) establish different and/or additional qualification requirements for specific contracts.
- c. The City Council may by resolution, from time to time, adopt programs or procedures for providing bid price preferences, including but not limited to, preferences to promote the participation and utilization of **local business enterprises** in the City's contracting for public projects. The lowest responsible bidder shall be the responsible bidder whose bid is responsive to the bid requirements, including without limitation any **local business** enterprise program requirements included in the bid specifications, and whose bid price is the lowest, after all bid prices are calculated to include any applicable bid price preferences. (Ord. 2002-013 § 2: Ord. 99-007 § 3: prior code § 58.01.102). A 5% minimum LBE Participation is required for this project. LBE Certification Statements are due to the contract manager by the close of business two days after bid opening for bid to be responsive.
- X. LBE Certification Statements are due to the contract manager by the close of business two days after bid opening for bid to be responsive.
- Y. All publicly bid projects are subject to Performance and Payment Bonds.
- Z. California Business and Professions Code, Section 7059 states that the Public Works agency has the authority to select classifications for the project.
- AA. Contractor registration with the Department of Industrial Relations Required pursuant to Senate Bill 854 all contractors and subcontractors are required to register with the Department of Industrial Relations (DIR) to be eligible to bid on all public works projects.

II. ITEMS OF THE BASE BID PROPOSAL

CHUCKWAGON PARK:

Item No. 1 – Temporary Construction Fence to Install

This item shall consist of furnishing, installing and maintaining a temporary 6' Chain Link Construction Fence around the construction areas shown on the Plans in conformance with Section 10 of the Standard Specifications.

Demolition shall begin only after the temporary fence has been installed. Fence to remain in place throughout the duration of the project until project acceptance, or as directed by the Inspector.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in Temporary Construction Fence to Install as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 2 – Demolition

This item shall consist of Demolition and removal of items indicated on the plans in conformance with 13-3 Removing / Relocating of the Standard Specifications and these Special Provisions.

- A. Removal of existing irrigation controller. Contractor shall disconnect and remove existing irrigation controller and associated metal enclosure. All items removed by the Contractor shall be legally disposed of away from the project site, except as noted.
- B. Removal of existing concrete paving. Contractor shall remove dispose of existing concrete paving as noted on Plans. All resulting debris shall be removed and legally disposed of away from the project site.
- C. Holes and depressions resulting from removed items shall be filled, compacted, and brought to finished grade with landscape fill in conformance with Section 14 of the Standard Specifications and as directed by the Landscape Architect.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in Demolition as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 3 - Irrigation System Improvements

This item shall consist of furnishing and installing an Automatic Irrigation System as shown on the drawings in conformance with the applicable paragraphs of Sections 10 and 36 of the Standard Specifications and these Special Provisions.

- A. Preconstruction Test of Existing Irrigation System – City and Contractor shall perform a preconstruction irrigation test prior to the start of construction. During the test all existing remote control valves shall be turned on with the irrigation controller (manually operation

is not permitted). The following irrigation items shall be marked with flags and marking paint: valves, quick couplers, working heads marked blue and broken head marker yellow. All existing broken heads shall be repaired by the City unless specified as an item on the project plans or specifications.

- B. Master Valve shall be normally closed with 24V solenoid and a bypass master valve normally open. Master valve's sizes and type as shown on the plans and per Standard Drawing No. "L-20" of Section 38 of the Standard Specifications. Install per details and manufacturer's specifications. Pull four additional wires in different colors from controller to master valve.
- C. Flow Sensor and Output Transmitter: Install the flow sensor as per the details and manufacturer's specifications. Pulse output transmitter shall be installed per the manufacturer's specifications.
- D. Gate Valves shall be constructed of all brass as specified in Section 10-51 of the Standard Specifications and shall be lead free and as indicated on the Plans, or approved equal. Plastic valves are not acceptable. Valves shall be installed at finished grade in a concrete valve box with locking cover.
- E. Valve Boxes shall be installed in conformance with Section 10-52 of the Standard Specifications and as shown on the plans.
- F. Electrical shall conform to Section 34 of the Standard Specifications.
- G. Irrigation Control Wires shall conform to Sections 10-48 and 36-12 of the Standard Specifications. Trenching for irrigation control wires through existing paved areas shall conform to Section 34-9 of the Standard Specifications.
- H. Plastic Irrigation Pipe Fittings shall conform to Section 10-46 of the Standard Specifications with the following addition: All fittings on the upstream of the valve shall be schedule 80 PVC and all of the fittings downstream of the irrigation valve shall be schedule 40 PVC.
- I. Main Line Pipe shall conform to Section 10-44 of the Standard Specifications and be amended as follows: Main line shall be schedule 40 solvent weld for lines 2" and smaller and class 200 PVC rubber ring gasketed for lines 2½" and larger. Main line pipes 2½" and larger shall have concrete thrust blocking in conformance with Section 27-6 and Standard Drawing No. "W-103" of Section 38 of the Standard Specifications. The contractor shall pressure test the irrigation main line with the inspector present. The pressure test shall consist of the contractor pressurizing the mainline to 150 PSI for two hours with zero pressure loss with either the Inspector or Landscape Architect present.
- J. Trench Backfill shall be installed at no more than 6" lift and each lift shall be compacted to 85% relative density in landscaped areas and compacted to 95% within future paving areas. Mainline trenches shall also have 3" of sand below the mainline and 6" of sand above the conduit.
- K. PVC Primers and Solvent welded - PVC pipes will require the following primer and solvent glue applications. Primer shall consist of Weld-On P-70 Industrial Grade Primer and the PVC Solvent Cement shall be Weld-On 711 Heavy Bodied Cement, or approved

equal. The primer and solvent cement shall be installed per manufactures specifications.

- L. Irrigation Sleeves – Shall conform to the Standard Specifications 36-8. The minimum diameter of the sleeve shall be at least two times the diameter of the pipe going through the sleeve. The sleeve shall extend a minimum of 1' beyond the edge of paving.
- M. Preconstruction Test of Existing Irrigation System – City and Contractor shall perform a preconstruction irrigation test prior to the start of construction. During the test all existing remote control valves shall be turned on with the irrigation controller (manually operation is not permitted). The following irrigation items shall be marked with flags and marking paint: valves, quick couplers, working heads marked blue and broken head marker yellow. All existing broken heads shall be repaired by the City unless specified as an item on the project plans or specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation System Improvements as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. 4 – Central Control System

This item shall consist of furnishing and installing the Irrigation Central Controller and High Gain Antenna as shown on the plans in conformance with Section 34 of the Standard Specifications and these Special Provisions.

A. General

1. All materials furnished and installed shall be new and shall conform to the Standard Specifications for Public Works construction, current addition, as adopted by the City.
2. Mandatory pre-installation meetings are required for all City of Sacramento parks projects. The contractor shall organize and conduct an on-site, pre-installation meeting with a representative from John Deere Green Tech (equipment supplier), Gonzalo Albor, the City's Irrigation Specialist, the Landscape Architect and the Inspector prior to the installation of the central control system.

John Deere Green Tech representative is Jim Weller.

3. All materials except interconnect conductors shall have a five year limited warranty. The contractor shall submit proof of warranty to the City inspector prior to the start of the maintenance period. It shall be the contractor's responsibility to obtain the necessary warranty inspections from the equipment supplier. No installation will be accepted without proof of warranty.
4. All existing and new computerized irrigation control system components shown on the plans shall be fully operational at final acceptance.

5. All incidental parts which are not shown on the plans or specified herein and are necessary to complete or modify the existing system shall be furnished and installed as though such parts were shown on plans or specifications. All systems shall be in satisfactory operation at the time of completion.
6. Existing interconnect systems shall be maintained in effective operation by the contractor for the duration of the work. The contractor shall notify the City inspector 48 hours prior to performing any work on an existing system.

B. Product

1. Conduit

- a. All central control system interconnect conduit and fittings shall be PVC schedule 40 1 inch in size, unless otherwise noted.
- b. All telephone service interconnect conduit and fittings shall be as approved by the local telephone company and shall be in a 2" conduit.

2. Conductor

- a. Communication Cable as required from the sub-master satellite assembly to the other satellite assemblies on line shall be a 4 conductor shielded cable (part # EV-CAB-COM). Communication cable may be used to link satellites up to 5,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- b. Flow Sensor Wire as required from the flow sensor into the satellite assembly enclosure shall be a 2 conductor shielded cable (part # EV-CAB-SEN). The sensor cable may be used to connect the flow sensor to a satellite up to 2,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- c. Conductors shall be the same type and size shown on the drawings as required for proper operation of the system.

3. Wire Splices

- a. Conductors shall be installed with NO UNDERGROUND splices unless absolutely necessary and unavoidable. Any and all underground splices that are required to be made, must be approved by the City inspector and shall be placed in a suitable type 14 inch by 19 inch valve box for easy access.
 - b. Wire Splices on the communication or sensor cable shall be made with a splice kit (part # ETS-SPLICE).
4. Pull Boxes shall be fabricated from a durable plastic material resistant to weather, sunlight, and chemical action of soil. Pull boxes shall be a minimum size of 20 inches in length, 15.25 inches in width and 12 inches in height. In paved areas, the pull box shall be a concrete type with a cast iron lid.

5. Ground Rod

- a. A 5/8-inch by 8-foot ground rod, clamp and #10 wire shall be provided at every satellite location. It shall be installed within eight to twelve feet (8'-12') from the enclosure with nine inch (9") valve pit.
- b. All central control system equipment shall be grounded to conform to requirements of the National Electric Code, current edition as adopted by the City and the manufacturer specifications. No solder connections will be allowed. Resistance to ground shall be no more than 25 ohms.

6. Satellite Assembly

- a. The number and location of the satellites shall be as shown on the drawings and shall be as manufactured by Rain Master
- b. All satellites shall be pre-assembled; hereafter referred to as Satellite Assembly, by John Deere Green Tech in a top entry, SA6 series "Strongbox" stainless steel weatherproof, vandal resistant, lockable enclosure manufactured by V.I.T. Products.
- c. The satellite assembly shall consist of a stainless steel enclosure, stainless steel removable backboard, interconnect terminal strips, primary power voltage surge arrester, on/off switch, a ground fault interrupt circuit, ground rod, wire and clamp.
- d. All outdoor controllers require a fan. Controller may require a radio high gain antenna or a radio flat antenna as designated on the plans.
- e. The satellite assembly shall include a hard wire communication circuit board for communicating with a sub-master satellite assembly when interconnected by means of hard wire.
- f. The satellite assembly shall include a flow sensing assembly with a normally open master valve.
- g. The satellite assembly shall include a Rain Master PRO-MAX built-in receiver only with controller access code.
- h. The satellite assembly shall be covered by a five year limited warranty.

Execution of Work

1. Interconnect Conduit

- a. The interconnect conduit shall be located within the public right-of-way whenever possible. If the conduit is installed outside of the public right a way, an easement shall be provided to the City prior to installation.
- b. Conduit runs shall be installed as shown in the approved plans. The Inspector prior to installation shall approve any changes.

- c. The ends of the conduits, whether shop or field cut shall be reamed to removed burrs and rough edges. Cuts shall be made square and true.
- d. The ends of the conduit shall be capped until the pulling of wiring is started.
- e. Conduit bends, except factory bends, shall have radii of not less than six times the inside diameter of the conduit.
- f. Conduit shall be installed at a depth not less than 18 inches below finished grade.
- g. Conduit shall be free of soil and debris.
- h. Nylon or polypropylene pull ropes with a minimum tensile strength of 500 pounds shall be installed in all conduits, which are to receive future, interconnect cable. At least 2 feet of pull rope shall be extended beyond each end of the conduit run and secured.

2. Interconnect Conductors

- a. All interconnect conductors shall be pulled by hand.
- b. A total of 3 feet of cable shall be left at each satellite assembly and pull box. Sufficient slack shall be left to allow the wire to extend 18 inches above the top of the pull box grade.
- c. The interconnect wire shall be continuous from satellite to satellite. All splices shall occur within the satellite enclosure unless specifically authorized by the City Inspector. Splices shall be capable of satisfactory operation under continuous submersion in the water.

3. Pull Boxes

- a. Pull boxes shall be installed at intervals not to exceed two hundred feet and at all changes in direction and where the conduit crosses a roadway, bridge or railroad track (with a 36-inch loop inside the box).
- b. Pull boxes shall be installed in area to be landscaped whenever possible.
- c. The bottom of the pull box shall be bedded in crushed rock six inches deep prior to installation of the interconnect cable.

Equipment Supplier Support

- 1. Review system and plans.
- 2. Conduct one pre-construction meeting on site, for the contractor and owners' representative.
- 3. Hook-up communication and flow sensor cable inside the assembly.

4. Test to verify proper grounding.
5. Field test for proper operation of the assembly components.
6. Communication cable continuity and resistance test.
7. Calibration of assembly flow sensing components (if applicable).
8. Verify equipment conforms to and is installed in accordance with Green Tech and Manufacturers specifications and recommendations.
9. Perform functional test of system from a computer.
10. Provide written certification letter. The contractor is required to provide the Landscape Architect with a written certification letter by Green Tech, at final acceptance.

Payment shall be made at the lump sum price bid for the controller assembly and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation Central Controller as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. 5 – Concrete Flatwork to Construct

This item shall consist of installing concrete flatwork, as shown on the plans in conformance with Sections 10, 18, and 24 of the Standard Specifications and as amended by these Special Provisions.

- A. Portland Cement Concrete shall be Type II, Class "C", conforming to Section 10-5 of the Standard Specifications.
- B. Expansion & Score Joints shall conform to Section 24-6 of the Standard Specifications with the exception of the following. Expansion joints and score joints shall be located where indicated on the plans and edged to a three-eighths inch (3/8") radius
- C. Finish shall conform to Section 24-7 of the Standard Specifications with the following exception: the concrete shall be broomed perpendicular to the sidewalk edge with a medium finish.
- D. Test Panel shall be **required** and shall be poured prior to placement of concrete flatwork. The contractor shall construct a test panel of 36" X 36" X 3-1/2" thick minimum dimensions. The Contractor shall notify the Landscape Architect and Inspector forty-eight (48) hours prior to test pour. If the test is found to be unsatisfactory by the City, additional test panels shall be constructed and finished until the correct finish is achieved. Workmen and equipment used in the construction of the test panel shall be the same as those used throughout the installation of concrete.
- E. Reinforcement shall be intermediate grade and deformed in conformance with "deformed

billet-steel bars for concrete reinforcement" (ASTM Designation A615) and with Section 21 of the Standard Specifications. Rebar shall be as shown on the plans.

- F. Subgrade shall conform to Sections 19 and 14-7 of the Standard Specifications.
- G. Dowel Reinforcement shall be done where new paving meets existing paving as shown on the plans. This item shall conform to Standard Specifications Sections 24-11, 10-23 and 21.

Payment shall be at the lump sum price bid, and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in constructing Concrete Flatwork as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 6 - 9" Concrete Mow Strip

This item shall consist of constructing a 9" Concrete Mow Strip as shown on the plans in conformance with Section 10, 19, and 24 of the Standard Specifications and these Special Provisions.

- A. Portland Cement Concrete shall be Type II, Class "C", conforming to Section 10-5 of the Standard Specifications.
- B. Reinforcement shall conform to Section 21 of the Standard Specifications and as shown on the plans.
- C. Subgrade shall conform to Section 19 of the Standard Specifications, with the following exception: relative compaction shall be 90%.
- D. Finish shall be broomed parallel to the mow strip edge with a medium broom finish. All exposed surfaces shall be finished to true lines and grades as shown on the plans.
- E. Expansion Joints and Score lines shall conform to Section 24-6 of the Standard Specifications with the exception of the following. Expansion joints shall be placed at 20' O.C., and score lines at 10' O.C.

Payment shall be at the unit price bid per lineal foot and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in completing the Concrete Mow Strip as shown on the plans, as specified in these Special Provisions, and as directed by the Inspector.

Item No. 7 – Stabilized Decomposed Granite Paving

This item shall consist of furnishing and placing Stabilized Decomposed Granite Paving as shown on the plans in conformance with Sections 10, 19, 24 and 35 of the Standard Specifications as amended by these Special Provisions.

- A. Decomposed Granite shall be orange-brown in color with particles not to exceed 4.75 mm in diameter, and installed at a finished compacted depth of three and one-half inches (3-1/2"). Decomposed granite shall be compacted to a minimum of 95%, except within 5' of an existing tree trunk, where the compaction shall be 85%. The surface shall be smooth and even with no depressions or bumps and with a 1% minimum and 2%

maximum cross slope.

Immediately prior to placing the decomposed granite mixture, the subgrade shall be moistened. The mixture shall be deposited in such a manner as to minimize the necessity for spotting, picking up, or otherwise shifting the mixture. The mixture shall be leveled by raking and compacted by use of a light roller. The mixture shall not be screeded off or finished by floating. No steel tooling of edges shall be done.

The finished surface shall be kept moist for five days. Broom with a steel-bristle broom within 24 hours after placement to remove cement mortar film on the exposed surface and to fill cracks with decomposed granite. Broom the surface daily for four (4) additional days, filling cracks each time.

- B. Sample. Prior to placement of decomposed granite the Contractor shall submit to the Project Landscape Architect a representative sample of decomposed granite for use on this project for approval. No decomposed granite shall be placed prior to receiving the Landscape Architect's approval.
- C. Stabilizer shall be by Stabilizer Solutions, Inc. 205 South 28th St., Phoenix, AZ 85034; phone (602) 225-5900, (800) 336-2468; fax (602) 225-5902, or approved equal. The contractor shall have the stabilizer intergrally mixed into the decomposed granite prior to placement. The contractor shall order the stabilizer and install the stabilizer to manufactures specifications.
- D. Landscape Weed Fabric shall be DeWitt Weed Barrier Landscape Fabric, 3.5 ounce, 12 yr., Color Brown, UV treated, spunbonded fabric or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.
- E. Metal Anchor Pins shall be by Dewitt or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.
- F. Subgrade shall conform to Section 14-7 of the Standard Specifications, with the following exception: relative compaction shall be 90%.
- G. Weed Control shall conform to Section 35-6 and 35-8 of the Standard Specifications, and shall include granulated pre-emergent herbicide under the decomposed granite paving.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Decomposed Granite Paving as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 8 - Domestic Water System

This item shall consist of furnishing and installing the domestic backflow preventer as shown on the plans, in conformance with Sections 10, 13, 14, 17, 27 and 38 of the Standard Specifications and these Special Provisions.

- A. Supply Line shall be solvent weld PVC pipe; 2-1/2" and under shall be Schedule 40; 3" and larger shall be Class 315. Pipe shall be installed in conformance with Section 10, 17, 24 and 38 of the Standard Specifications.
- B. Shut-off Valve shall be a gate valve as specified in Section 27-7 and 38 of the Standard Specifications.
- C. Backflow Prevention Assembly shall conform to Section 10-49 and the appropriate Standard Drawing W-606 or W-607 of Section 38 of the Standard Specifications. The lowest point of the Backflow Prevention Assembly shall be placed with a 12" minimum clearance and 15" maximum clearance from finished grade. After installation, the backflow prevention assembly must be tested for proper operation by a certified backflow device tester prior to use. All backflow prevention devices and risers shall be painted Hunter Green or approved equal.
- D. Concrete Pad shall be installed as shown on the plans in conformance with sections 10, 19, and 24 of the Standard Specifications and with these Specials Provisions.
- E. Enclosure for backflow preventer shall be an insulated backflow preventer cage by Placer Waterworks Model as sized to fit backflow preventer, or approved equal. Available through Placer Waterworks (916) 773-2959, FAX (916) 773-2958.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in completing the Domestic Water System as shown on plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 9 – Irrigation Enclosure Fencing

This item shall consist of furnishing and installing an Tubular Steel Fence Enclosure with access gates as shown on the plans and the details and in conformance with these Special Provisions.

- A. Tubular Steel Fence tubing shall be A.S.T.M. A-513. Structural tubing shall be A.S.T.M. A-500 gr. B. Flats, bars, shapes, A.S.T.M. A-36. All welds full penetrating and continuous. All surface welds shall be ground smooth.
- B. Posts shall be 4" square 12 gauge posts embedded into concrete footings.
- C. Horizontal Rails shall be as noted on the details and plans.
- D. Vertical Pickets shall as noted on the details and plans.
- E. Gate Sizes shall be 8'-0" or 6'-0" clear across for double gate, as noted on plans.
- F. Gate Frame to be as noted on the details and plans.
- G. Gate Latch shall be as shown on details.
- H. Gate Hinge shall be heavy duty, commercial grade ball bearing and self-closing, spring loaded hinge structurally capable of supporting gate leaf and allow opening and closing without binding by Builder Fence Company, Inc. or approved equal.

- I. Finish - Furnish all primer, paint, and other finishes as shown and specified. After fabrication, all materials to be power-washed in a phosphoric acid solution, dried, and receive two coat shop primer and two coats gloss black enamel, equal to Rustoleum. Powder coating shall be as shown on Plans. Prime and paint all cuts, welds and grind smooth.
1. The paint manufacturer Standard Specification will be considered as the minimum standard for the work.
 2. Provide sample finishes on the actual surface to be painted. Approved samples will become standard.
 3. Submit a complete list of all materials proposed for use.
 4. All materials shall be "first line" or best quality as manufactured by Kelly-Moore, Sherwin-Williams, Fuller-O'Brian, or approved equal.
 6. Apply all finishes in strict accordance with manufacturers' recommendations.
 7. Painter shall repair any scratches, chips, etc that occur during construction.
- J. Concrete Footings installed as shown on the plans and shall be Class "C" or "D" Portland Cement Concrete, conforming to Paragraph 10-5 of the Standard Specifications. Concrete footings shall be 3'-0" deep by 12" in diameter.
- K. Submit shop drawings for review and approval prior to ordering materials. Shop drawings shall show dimensions, sizes, thickness, gauges, finishes, joining, attachments, and relationship of work to adjoining construction.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in completing the Irrigation Enclosure Fencing as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

WOODBINE PARK:

Item No. 10 - Temporary Construction Fencing

This item shall consist of furnishing, installing and maintaining a temporary 6' high chain link construction fence around the construction area as shown on the Plans in conformance with Section 10 of the Standard Specifications.

Refer to Specification Bid Item No. 1-Temporary Construction Fencing for specifications.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in completing the Temporary Construction Fencing as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 11 – Demolition

This item shall consist of Demolition and removal of items indicated on the plans in conformance with 13-3 Removing / Relocating of the Standard Specifications and these Special Provisions.

- A. Removal of existing irrigation controller. Contractor shall disconnect and remove existing irrigation controller and associated metal enclosure. All items removed by the Contractor shall be legally disposed of away from the project site, except as noted. Existing concrete paving pad to remain in place. Cut and grind down flush to grade any attachment bolts or hardware.
- B. Removal of existing Abandoned In ground Booster Pump and Concrete Vault - Remove and dispose of existing backflow preventer, concrete vault and associated items. Contractor shall fill the resulting void with topsoil, and compact to finished grade.
- C. Removal of miscellaneous irrigation valves/equipment. Contractor shall disconnect, remove and dispose of existing miscellaneous irrigation valves and equipment as noted on Plans. Mark and cap existing water supply lines to remain and make new connections as necessary.
- D. Removal of existing concrete paving. Contractor shall remove dispose of existing concrete paving as noted on Plans. All resulting debris shall be removed and legally disposed of away from the project site.
- E. Holes and depressions resulting from removed items shall be filled, compacted, and brought to finished grade with landscape fill in conformance with Section 14 of the Standard Specifications and as directed by the Landscape Architect.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in completing the Demolition items as shown on the plans, as specified in these Special Provisions, and as directed by the Inspector.

Item No. 12 – Clearing and Grubbing

This item shall consist of clearing and grubbing the existing planter area as shown on the plans in conformance with Sections 12, 13 and 15 of the Standard Specifications and these Special Provisions.

- A. Clearing and Grubbing shall conform to Section 12 of the Standard Specifications. All existing shrubs, ground cover and weeds shall be removed as shown on the plans including roots and attached soil and debris and all other objection material within the planting shall be removed.
- B. Debris - All resulting landscape, soil and removed material shall become the property of the Contractor, and disposed of outside the project limits at the Contractor's expense.

Payment shall be at the lump sum price bid, and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in Clearing and Grubbing as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 13 – Irrigation System Improvements

This item shall consist of furnishing and installing an Automatic Irrigation System as shown on the drawings in conformance with the applicable paragraphs of Sections 10 and 36 of the Standard Specifications and these Special Provisions.

- A. Preconstruction Test of Existing Irrigation System – City and Contractor shall perform a preconstruction irrigation test prior to the start of construction. During the test all existing remote control valves shall be turned on with the irrigation controller (manually operation is not permitted). The following irrigation items shall be marked with flags and marking paint: valves, quick couplers, working heads marked blue and broken head marker yellow. All existing broken heads shall be repaired by the City unless specified as an item on the project plans or specifications.
- B. Electric Control Valves shall conform to Section 36-13 of the Standard Specifications. Electric control valves shall be Superior model 950, or approved equal, and shall be constructed as specified in Section 10-50 of the Standard Specifications. Lawn and shrub area valves shall be installed at grade.
- C. Gate Valves shall be constructed of all brass as specified in Section 10-51 of the Standard Specifications and shall be lead free and shall be manufactured by Nibco, Model number T-113LF or approved equal and as shown on the plans and shall be installed at the locations as shown on the plans. Plastic control valves are not acceptable. Valves shall be installed at finished grade in a concrete valve box with locking cover.
- D. Master Valve shall be normally closed with 24 V solenoid and a bypass master valve normally open. Master Valve's sizes and type as shown on the plans and per Standard Drawing No. "L-20" of Section 38 of the Standard Specifications. Install per details and manufacturer's specifications. Pull four additional wires in different colors from controller to master valve.
- E. Flow Sensor and Output Transmitter: Install the flow sensor as per the details and manufacturer's specifications. Pulse output transmitter shall be installed per the manufacturer's specifications.
- F. Valve Boxes shall be installed in conformance with Section 10-52 of the Standard Specifications and as shown on the plans.
- G. Electrical shall conform to Section 34 of the Standard Specifications.
- H. Irrigation Control Wires shall conform to Sections 10-48 and 36-12 of the Standard Specifications. Trench for irrigation control wires through existing lawn shall be twenty-four inches (24") deep. Trenching for irrigation control wires through existing paved areas shall conform to Section 34-9 of the Standard Specifications.
 - a. Irrigation Control Wires shall be color coded to the use listed below and follow the colors associated with them.
 - i. Full Rotor - Red Wire
 - ii. Part Rotor - Green Wire
 - iii. Spray Heads - Yellow Wire
 - iv. Bubblers - Blue Wire

v. Common Wire - White Wire

- I. Quick Coupling Valves shall be by Rain Bird, model 44LRC as specified in the plans, or approved equal. Quick coupling valve shall be constructed of brass with a locking yellow thermoplastic rubber cover with "DO NOT DRINK" markings. Quick Coupling valve shall have a one inch (1") threaded pipe and key connection and shall be installed as shown on the plans in conformance with Section 10-53 of the Standard Specifications and shall be installed with the top at finished grade. Four (4) quick coupler keys shall be provided to the City of Sacramento at the completion of the project.
- J. Plastic Irrigation Pipe Fittings shall conform to Section 10-46 of the Standard Specifications with the following addition: All fittings on the upstream and all threaded pipe fittings downstream side of the irrigation valve shall be Schedule 80 PVC.
- K. Main Line Pipe shall conform to Section 10-44 of the Standard Specifications and be amended as follows: Main line shall be Class 315, ring-tite PVC pipe for pipes 3" and larger, and shall be Schedule 40 solvent weld PVC pipe for pipes smaller than 3". All Class 315 ring-tite and Schedule 40 PVC pipes shall have concrete thrust blocking in conformance with Section 27-6 and Standard Drawing No. "W-103" of Section 38 of the Standard Specifications. The contractor shall pressure test the irrigation main line with the inspector present. The pressure test shall consist of the contractor pressurizing the mainline to 150 PSI for two hours with zero pressure loss with either the Inspector or Landscape Architect present.
- L. Lateral Line Pipe or pipe on the discharge side of the irrigation control valve shall be Class 200 solvent weld PVC pipe and shall conform to Section 10-44 of the Standard Specifications, except as previously amended.
- M. PVC Primers and Solvent welded - PVC pipes will require the following primer and solvent glue applications. Primer shall consist of Weld-On P-70 Industrial Grade Primer and the PVC Solvent Cement shall be Weld-On 711 Heavy Bodied Cement, or approved equal. The primer and solvent cement shall be installed per manufactures specifications.
- N. Sprinklers shall be installed at the locations shown on the plans, in conformance with Standard Drawing No. L-50 of Section 38 of the Standard Specifications. Sprinklers shall be the type and model as shown on the plans.
- O. Ball Valve Assembly shall be installed at the locations shown on the Plans. Ball Valve Assembly shall be constructed of all brass as specified in Section 10-51 of the Standard Specifications and shall be the type and model as shown on the plans. Plastic control valves are not acceptable. Valves shall be installed at finished grade in a concrete valve box with locking cover.
- P. Electronic Marker System shall conform to Section 10-54 of the Standard Specifications, except as amended by the following: no marker locators will be required by the Contractor. Contractor shall supply only enough markers for use in new irrigation system. The markers shall be fastened to the underside of the valve box cover of buried lawn area valves only. The marker shall be 3M EMS Mini-Marker – Water, model 1257.
- Q. Irrigation Sleeves – Shall conform to the Standard Specifications 36-8. The minimum

diameter of the sleeve shall be at least two times the diameter of the conduit going through the sleeve. The sleeve shall extend a minimum of 1' beyond the edge of the paving.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation System Improvements as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. 14 – Central Controller System

This item shall consist of furnishing and installing the Irrigation Central Controller and High Gain Antenna as shown on the plans in conformance with Section 34 of the Standard Specifications and these Special Provisions.

A. General

7. All materials furnished and installed shall be new and shall conform to the Standard Specifications for Public Works construction, current addition, as adopted by the City.
8. Mandatory pre-installation meetings are required for all City of Sacramento parks projects. The contractor shall organize and conduct an on-site, pre-installation meeting with a representative from John Deere Green Tech (equipment supplier), Gonzalo Albor, the City's Irrigation Specialist, the Landscape Architect and the Inspector prior to the installation of the central control system.

John Deere Green Tech representative is Jim Weller.
9. All materials except interconnect conductors shall have a five year limited warranty. The contractor shall submit proof of warranty to the City inspector prior to the start of the maintenance period. It shall be the contractor's responsibility to obtain the necessary warranty inspections from the equipment supplier. No installation will be accepted without proof of warranty.
10. All existing and new computerized irrigation control system components shown on the plans shall be fully operational at final acceptance.
11. All incidental parts which are not shown on the plans or specified herein and are necessary to complete or modify the existing system shall be furnished and installed as though such parts were shown on plans or specifications. All systems shall be in satisfactory operation at the time of completion.
12. Existing interconnect systems shall be maintained in effective operation by the contractor for the duration of the work. The contractor shall notify the City inspector 48 hours prior to performing any work on an existing system.

B. Product

2. Conduit

- c. All central control system interconnect conduit and fittings shall be PVC schedule 40 1 inch in size, unless otherwise noted.
- d. All telephone service interconnect conduit and fittings shall be as approved by the local telephone company and shall be in a 2" conduit.

2. Conductor

- d. Communication Cable as required from the sub-master satellite assembly to the other satellite assemblies on line shall be a 4 conductor shielded cable (part # EV-CAB-COM). Communication cable may be used to link satellites up to 5,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- e. Flow Sensor Wire as required from the flow sensor into the satellite assembly enclosure shall be a 2 conductor shielded cable (part # EV-CAB-SEN). The sensor cable may be used to connect the flow sensor to a satellite up to 2,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- f. Conductors shall be the same type and size shown on the drawings as required for proper operation of the system.

3. Wire Splices

- c. Conductors shall be installed with NO UNDERGROUND splices unless absolutely necessary and unavoidable. Any and all underground splices that are required to be made, must be approved by the City inspector and shall be placed in a suitable type 14 inch by 19 inch valve box for easy access.
- d. Wire Splices on the communication or sensor cable shall be made with a splice kit (part # ETS-SPLICE).

5. Pull Boxes shall be fabricated from a durable plastic material resistant to weather, sunlight, and chemical action of soil. Pull boxes shall be a minimum size of 20 inches in length, 15.25 inches in width and 12 inches in height. In paved areas, the pull box shall be a concrete type with a cast iron lid.

5. Ground Rod

- c. A 5/8-inch by 8-foot ground rod, clamp and #10 wire shall be provided at every satellite location. It shall be installed within eight to twelve feet (8'-12') from the enclosure with nine inch (9") valve pit.
- d. All central control system equipment shall be grounded to conform to requirements of the National Electric Code, current edition as adopted by the City and the manufacturer specifications. No solder connections will be allowed. Resistance to ground shall be no more than 25 ohms.

6. Satellite Assembly

- i. The number and location of the satellites shall be as shown on the drawings and shall be as manufactured by Rain Master
- j. All satellites shall be pre-assembled; hereafter referred to as Satellite Assembly, by John Deere Green Tech in a top entry, SA6 series "Strongbox" stainless steel weatherproof, vandal resistant, lockable enclosure manufactured by V.I.T. Products.
- k. The satellite assembly shall consist of a stainless steel enclosure, stainless steel removable backboard, interconnect terminal strips, primary power voltage surge arrester, on/off switch, a ground fault interrupt circuit, ground rod, wire and clamp.
- l. All outdoor controllers require a fan. Controller may require a radio high gain antenna or a radio flat antenna as designated on the plans.
- m. The satellite assembly shall include a hard wire communication circuit board for communicating with a sub-master satellite assembly when interconnected by means of hard wire.
- n. The satellite assembly shall include a flow sensing assembly with a normally open master valve.
- o. The satellite assembly shall include a Rain Master PRO-MAX built-in receiver only with controller access code.
- p. The satellite assembly shall be covered by a five year limited warranty.

Execution of Work

1. Interconnect Conduit

- i. The interconnect conduit shall be located within the public right-of-way whenever possible. If the conduit is installed outside of the public right a way, an easement shall be provided to the City prior to installation.
- j. Conduit runs shall be installed as shown in the approved plans. The Inspector prior to installation shall approve any changes.
- k. The ends of the conduits, whether shop or field cut shall be reamed to removed burrs and rough edges. Cuts shall be made square and true.
- l. The ends of the conduit shall be capped until the pulling of wiring is started.
- m. Conduit bends, except factory bends, shall have radii of not less than six times the inside diameter of the conduit.
- n. Conduit shall be installed at a depth not less than 18 inches below finished grade.
- o. Conduit shall be free of soil and debris.

- p. Nylon or polypropylene pull ropes with a minimum tensile strength of 500 pounds shall be installed in all conduits, which are to receive future, interconnect cable. At least 2 feet of pull rope shall be extended beyond each end of the conduit run and secured.

2. Interconnect Conductors

- d. All interconnect conductors shall be pulled by hand.
- e. A total of 3 feet of cable shall be left at each satellite assembly and pull box. Sufficient slack shall be left to allow the wire to extend 18 inches above the top of the pull box grade.
- f. The interconnect wire shall be continuous from satellite to satellite. All splices shall occur within the satellite enclosure unless specifically authorized by the City Inspector. Splices shall be capable of satisfactory operation under continuous submersion in the water.

3. Pull Boxes

- d. Pull boxes shall be installed at intervals not to exceed two hundred feet and at all changes in direction and where the conduit crosses a roadway, bridge or railroad track (with a 36-inch loop inside the box).
- e. Pull boxes shall be installed in area to be landscaped whenever possible.
- f. The bottom of the pull box shall be bedded in crushed rock six inches deep prior to installation of the interconnect cable.

Equipment Supplier Support

- 11. Review system and plans.
- 12. Conduct one pre-construction meeting on site, for the contractor and owners' representative.
- 13. Hook-up communication and flow sensor cable inside the assembly.
- 14. Test to verify proper grounding.
- 15. Field test for proper operation of the assembly components.
- 16. Communication cable continuity and resistance test.
- 17. Calibration of assembly flow sensing components (if applicable).
- 18. Verify equipment conforms to and is installed in accordance with Green Tech and Manufacturers specifications and recommendations.
- 19. Perform functional test of system from a computer.

20. Provide written certification letter. The contractor is required to provide the Landscape Architect with a written certification letter by Green Tech, at final acceptance.

Payment shall be made at the lump sum price bid for the controller assembly and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation Central Controller as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. 15 – Concrete Flatwork to Construct

This item shall consist of furnishing and constructing 3-1/2" thick Concrete Flatwork as shown on the plans in conformance with Sections 10, 17, 19, 24, and 38 of the Standard Specifications and as amended by these Special Provisions.

Refer to Specification Bid Item No. 5 - Concrete Flatwork to Construct for specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in constructing the Concrete Flatwork as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 16 – 9" Concrete Mow Strip

This item shall consist of constructing a 9" Concrete Mow Strip as shown on the plans in conformance with Section 10, 19, and 24 of the Standard Specifications and these Special Provisions.

Refer to Specification Bid Item No. 6 - 9" Concrete Mow Strip for specifications.

Payment shall be at the unit price bid per lineal foot and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in completing the Concrete Mow Strip as shown on the plans, as specified in these Special Provisions, and as directed by the Inspector.

Item No. 17 – Stabilized Decomposed Granite Paving

This item shall consist of furnishing and placing Stabilized Decomposed Granite Paving as shown on the plans in conformance with Sections 10, 19, 24 and 35 of the Standard Specifications as amended by these Special Provisions.

Refer to Specification Bid Item No.7 - Stabilized Decomposed Granite for specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Decomposed Granite Paving as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 18 – Landscape Weed Block Fabric to Install

This item shall consist of furnishing and installing landscape weed block fabric in all new planting areas and tree well as shown on the plans in conformance with the Standard Specifications and as amended by these Special Provisions.

- A. Landscape Weed Fabric shall be DeWitt Weed Barrier Landscape Fabric, 3.5 ounce, 12 yr., Color Brown, UV treated, spunbonded fabric or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.
- B. Metal Anchor Pins shall be by Dewitt or approved equal. Contact DeWitt Company 1-800-888-9669, or dewittcompany.com.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in Landscape Weed Fabric to Place as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 19 – Bark Mulch to Install

This item shall consist of furnishing and installing bark mulch in new planting area and tree well shown on the plans in conformance with the Standard Specifications and as amended by these Special Provisions.

Mulch shall be evenly spread in all planter areas as specified on the plans. Mulch shall be Medium Walk on Bark, consisting of shredded Douglas fir, Red fir or white fir, fibrous in nature, four inch (4") minimum to four-inch (4") maximum in length, available from Redi-Gro, or approved equal. Contractor shall submit a mulch sample to the Landscape Architect for approval at least forty-eight (48) hours prior to installation.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in Bark Mulch to Place as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 20 – Landscape Improvements

This item shall consist of furnishing, preparing and planting Trees, Shrubs and Groundcover in conformance with Sections 10 and 35 of the Standard Specifications and as amended by these Special Provisions.

- A. Preparing of Planting Areas shall conform to Section 35-5 of the Standard Specifications. Soil in Shrub and Groundcover areas adjacent to paved areas shall be graded so that after settlement, the soil will be three inches (3") below the top of the adjacent paving or curb.
- B. Weed Control shall conform to Section 35-6 of the Standard Specifications.

C. Soil Preparation Materials shall conform to Section 10-39, 10-40, 10-41, 35-8 of the Standard Specifications.

1. Soil Conditioner/Fertilizer Contractor shall submit soil fertility analysis upon completion of rough grading for approval and application of amendments. Soils fertility analysis shall evaluate the following: micronutrient content, macronutrient content, pH level, saturation percentage, soil texture, infiltration rate, conductivity, total dissolved salts, cation exchange capacity, Sulfur or Lime levels, Gypsum levels, Sodium absorption ratio, exchangeable Sodium percentage, organic matter and recommendations based on analytical results. Soil conditioner shall be cultivated into the top twelve inches (12") of the soil and thoroughly watered in. Contractor shall provide proof of soil conditioner application to the Landscape Architect.

D. Planting Materials shall conform to Section 10-43 and 35-8 of the Standard Specifications.
Preparing of Planting Areas shall conform to Section 35-5 of the Standard Specifications.

Soil in lawn areas adjacent to paved areas shall be graded so that after settlement, the soil will be one half inch (1/2") below the top of the paving.

E. Trees and planting materials shall conform to Section 35-7 of the Standard Specifications, except where noted.

1. Trees quality and size shall comply with current edition of "American Standard for Nursery Stock" as adopted by the American Association of Nurseryman.
2. Plant Schedules shown on the plans are for the Contractor's convenience only. The Contractor shall confirm all quantities and shall plant as required by the Planting Plan when discrepancies exist.
3. Tree Stake shall be pressure-treated lodge pole pine, eight foot (8') by two inch (2") diameter.
4. Nursery Stakes shall be removed at the time of planting. No nursery stake shall be present prior to final acceptance unless other directed by the Landscape Architect.
5. Tree Ties shall conform to Section 35-7, paragraph G with the exception of the ties shall be rubber and attached per planting detail.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in Landscape Planting as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 21 – Turf Hydroseeding

This item shall consist of the Turf Hydroseeding all turf areas damaged by irrigation trenching and construction operations in conformance with Sections 10 and 35 of the Standard Specifications and as amended by these Special Provisions

- A. Preparing of Planting Areas, Section 35-5 of the Standard Specifications shall be amended as follows: Soil shall be cultivated until the condition of the soil is loose and fine-textured to a depth of four inches (4"). Finish grade of all planting areas shall be reviewed and approved by the Landscape Architect before proceeding with planting. Soil in lawn areas adjacent to curbs or paved areas shall be graded so that after settlement, the soil will be one-half inch (1/2") below the top of curb or paving.
- B. Weed Control shall conform to Section 35-6 of the Standard Specifications.
- C. Soil Preparation Materials shall conform to Sections 10-39, 10-40, 10-41, 35-8 of the Standard Specifications.
 1. Soil Conditioner/Fertilizer: Contractor shall submit soil fertility analysis upon completion of rough grading for approval and application of amendments. Soils fertility analysis shall evaluate the following: micronutrient content, macronutrient content, pH level, saturation percentage, soil texture, infiltration rate, conductivity, total dissolved salts, cation exchange capacity, Sulfur or Lime levels, Gypsum levels, Sodium absorption ratio, exchangeable Sodium percentage, organic matter and recommendations based on analytical results. Soil conditioner shall be cultivated into the top twelve inches (12") of the soil and thoroughly watered in. Contractor shall provide proof of soil conditioner application to the Landscape Architect.
- D. Turf Hydroseed shall conform to Section 10-42, and applicable paragraphs of Section 35-10 of the Standard Specifications and these Special Provisions.
 1. Seed Mix: shall be per plans, applied at the rate of not less than twelve (12) lbs. of viable seed per 1,000 square feet. Seed mix shall be submitted to the Park Construction Inspector for approval. All seed shall be labeled in accordance with the California Food and Agricultural code and shall be delivered to the site in original, unopened containers and shall bear a dated guaranteed analysis.
 2. Wood Fiber Mulch: shall be applied at the rate of 60 lbs. per 1,000 square feet. Wood Mulch shall be fibrous cellulose mulch containing no growth or germination inhibiting substances, and shall be manufactured in such a manner that when thoroughly mixed with seed, fertilizer, and water, in the proportions specified, it will form homogenous slurry, which is capable of being sprayed to form a porous mat. The fibrous mulch in its air-dry state shall contain no more than 10 percent by weight of water.
 3. Fungicide: shall be applied at the rate of one-third (1/3) lbs. per 1,000 square feet.
 4. Binder: shall be Am-Tac tackifier or approved equal applied at the rate as recommended by the manufacturer. Binder shall bind the fiber mulch to prevent erosion.

- E. Turf Starter Fertilizer shall be applied at the rate of ten (10) lbs. per 1,000 square. Starter fertilizer shall conform to the requirements of the California Food and Agricultural Code.

Payment shall be at the lump sum price bid, and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in completing Turf Hydroseeding as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 22 – Irrigation Enclosure Fencing

This item shall consist of furnishing and installing a Tubular Steel Fence Enclosure with access gates as shown on the plans and the details and in conformance with these Special Provisions.

Refer to Specification Bid Item No. 9 - Irrigation Enclosure Fencing for specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation Enclosure Fencing as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

VALLEY HI PARK:

Item No. 23 – Temporary Construction Fence

This item shall consist of furnishing, installing and maintaining a temporary 6' high chain link construction fence around the construction area as shown on the Plans in conformance with Section 10 of the Standard Specifications.

Refer to Specification Bid Item No. 1-Temporary Construction Fencing for specifications.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in completing the Temporary Construction Fencing as shown on the plans, as specified in these Special Provisions and as directed by the Inspector.

Item No. 24 – Demolition

This item shall consist of Demolition and removal of items indicated on the plans in conformance with 13-3 Removing / Relocating of the Standard Specifications and these Special Provisions.

- A. Removal of existing irrigation controller. Contractor shall disconnect and remove existing irrigation controller and associated metal enclosure. Controller shall be returned to the City, pedestal enclosure to be disposed off-site. Mark and cap existing remote control valve wires connected to controller for future routing and connection to new controller location. All items removed by the Contractor shall be legally disposed of away from the project site, except as noted. Existing concrete paving pad to remain in place. Cut and grind down flush to grade any attachment bolts or hardware.

- B. Removal of miscellaneous irrigation valves/equipment. Contractor shall disconnect,

remove and dispose of existing miscellaneous irrigation valves and equipment as noted on Plans. Mark and cap existing water supply lines to remain and make new connections as necessary.

- C. Removal of existing concrete paving. Contractor shall remove dispose of existing concrete paving as noted on Plans. All resulting debris shall be removed and legally disposed of away from the project site.
- D. Holes and depressions resulting from removed items shall be filled, compacted, and brought to finished grade with landscape fill in conformance with Section 14 of the Standard Specifications and as directed by the Landscape Architect.

Payment shall be made at the lump sum price bid, and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all work involved in Demolition as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 25 - Irrigation System Improvements

This item shall consist of furnishing and installing an Automatic Irrigation System as shown on the drawings in conformance with the applicable paragraphs of Sections 10 and 36 of the Standard Specifications and these Special Provisions.

- A. Preconstruction Test of Existing Irrigation System – City and Contractor shall perform a preconstruction irrigation test prior to the start of construction. During the test all existing remote control valves shall be turned on with the irrigation controller (manually operation is not permitted). The following irrigation items shall be marked with flags and marking paint: valves, quick couplers, working heads marked blue and broken head marker yellow. All existing broken heads shall be repaired by the City unless specified as an item on the project plans or specifications.
- B. Gate Valves shall be constructed of all brass as specified in Section 10-51 of the Standard Specifications and shall be lead free and as indicated on the Plans, or approved equal. Plastic valves are not acceptable. Valves shall be installed at finished grade in a concrete valve box with locking cover.
- C. Boxes for Master Valve and Flow Sensor shall be installed in conformance with Section 10-52 of the Standard Specifications and as shown on the plans.
- D. Electrical shall conform to Section 34 of the Standard Specifications.
- E. Irrigation Control Wires shall conform to Sections 10-48 and 36-12 of the Standard Specifications. Trenching for irrigation control wires through existing paved areas shall conform to Section 34-9 of the Standard Specifications.
- F. Plastic Irrigation Pipe Fittings shall conform to Section 10-46 of the Standard Specifications with the following addition: All fittings on the upstream of the valve shall be schedule 80 PVC and all of the fittings downstream of the irrigation valve shall be schedule 40 PVC.
- G. Main Line Pipe shall conform to Section 10-44 of the Standard Specifications and be

amended as follows: Main line shall be schedule 40 solvent weld for lines 2" and smaller and class 200 PVC rubber ring gasketed for lines 2½" and larger. Main line pipes 2½" and larger shall have concrete thrust blocking in conformance with Section 27-6 and Standard Drawing No. "W-103" of Section 38 of the Standard Specifications. The contractor shall pressure test the irrigation main line with the inspector present. The pressure test shall consist of the contractor pressurizing the mainline to 150 PSI for two hours with zero pressure loss with either the Inspector or Landscape Architect present.

- H. Trench Backfill shall be installed at no more than 6" lift and each lift shall be compacted to 85% relative density in landscaped areas and compacted to 95% within future paving areas. Mainline trenches shall also have 3" of sand below the mainline and 6" of sand above the conduit.
- I. PVC Primers and Solvent welded - PVC pipes will require the following primer and solvent glue applications. Primer shall consist of Weld-On P-70 Industrial Grade Primer and the PVC Solvent Cement shall be Weld-On 711 Heavy Bodied Cement, or approved equal. The primer and solvent cement shall be installed per manufactures specifications.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation System Improvements as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

Item No. 26 – Booster Pump Assembly

This item shall consist of furnishing and installing a booster pump assembly as shown on the plan in conformance with these special provisions and the manufacturer's specifications.

- A. Booster Pump Assembly Booster pump assembly shall be by Custom Pump and Power, Inc. or approved equal.
- B. A Customflow Quality Booster Packages™, or approved equal. Booster pump assembly has been designed for Valley Hi Park Booster Pump. Assembly, testing, startup, and service by Custom Pump & Power, Inc. Electrical supply to power the booster pump assembly shall be provided by the Contractor. Single- Phase: 208-Volt: 2-pole 60-Amp breaker for 31-amp load.
- C. A Customflow Quality Booster Packages™ is designed to operate automatically through a control system. The irrigation system must provide (A) the water pressure through the plumbing connection and the (B) control device, The pressure source for the system can be city pressure, gravity, or a pump that creates or boosts the required pressures The control device can be a controller linked with a pump start relay, pressure switch, float switch, or flow switch for automatic operation. The basic function of the system will receive an external electrical signal, close a contact transferring the power to the motor and the pump is activated. When the demand stops, the contacts open and subsequently the pump turns off.
- D. Conditions: Maximum flow__ GPM with __ PSI boost: Electrical service __ -volt: __phase: 24VAC-pump start assembled and mounted above ground in a weatherproof enclosure.

All work shall comply with the City of Sacramento Standard Specifications and shall meet applicable federal, state, and local building codes, including permits as required.

Design and install booster pump with electrical supply including permits and applicable fees.

Motor and pump sizing according to specifications. Pump brands used (or approved equal):

- Berkeley B Series only,
- Gould's 3656S
- Grundfos CR
- Franklin Pumps
- Peerless C

Pump control panel to be ETL/UL 508 listed, mounted in NEMA 12 blown and filtered enclosure with main circuit breaker door interlocked handle, Fuji VFD Eco VFD only capable of single-phase input and three-phase output with DC link choke, drive display on the door, fused 110-volt control, 150VA control transformer, one fault light on door, three control relays, optional output terminal for external fan. Custom Pump standard operating system.

E. VFD Booster Specifications

1.0 General

- 1.1. This specification shall establish the minimum requirements for variable frequency duplex control panels. Equipment that does not meet these requirements shall not be acceptable.

2.0 Operation Conditions

- 2.1 The operating ambient temperature range shall be 0°C to 50°C (32° to 122°F). Storage temperatures shall be between -40°C to 50°C (-40° to 122°F).
- 2.2 The relative humidity range shall be 5-95% non-condensing.
- 2.3 The variable frequency drives shall be suitable for operation at altitudes up to 3300 ft. without de-rating. Elevation above 3300ft derate 1% per 328Ft up to 9900 ft.
- 2.4 The variable frequency drives have been vibration tested in accordance with IEC 68-2-34.
- 2.5 The variable frequency drives have been mechanical shock tested in accordance with IEC 68-2-27.
- 2.6 The variable frequency drives electromagnetic emissions is in compliance with EN50081-2.
- 2.7 The variable frequency drives electromagnetic immunity is in compliance with IEC801 and EN50082-2, and complies with EN61800-3 with built in filter.

3.0 Standards

- 3.1 The panel is UL 508A, cUL 508A, and ETL 508A listed.
- 3.2 The panel is designed in accordance with applicable portions of NEMA standards.

- 3.3 The panel is compatible with the installation requirements of interpretive codes such as National Electric Code (NEC) and Occupational Safety & Health Act (OSHA).
- 3.4 Standard enclosure sizes are 1Hp to 10Hp 200 to 230Volts or 1Hp to 20Hp 480Volts is 24"x 15"x 14", 15Hp 200 to 230Volts 24"x 20" x 14", 20Hp to 30Hp 200 to 230Volts or 480Volt is 30"x 24"x 14"

4.0 Input Power

- 4.1 The panel is to operate on 200 to 240Volts +/-10%, single-phase with minimum 50% deration
- 4.2 The frequency is to be 60Hz +/-5%.
- 4.3 The MOV voltage of the drive 160 Joules, 1400VDC clamping.

5.0 Output Power

- 5.1 The drive shall be capable of horsepower ratings for 1Hp to 2300Hp and output frequencies up to 3,000Hz. It shall also have an energy save feature with the capability of selecting a V/Hz automatic control function that will modify the V/Hz curve based on light load characteristics that will minimize power consumption.
- 5.2 The drive output voltage shall vary with frequency to maintain constant volts/hertz ratio up to base speed (60Hertz) output. Constant or linear voltage output shall be supplied at frequencies greater than base speed (60Hertz).
- 5.3 The drive one minute overload current rating shall be 110% of rated current for normal duty loads and 150% torque for heavy duty loads.

6.0 I/O Specification

- 6.1 Seven programmable digital inputs.
- 6.2 Digital inputs can be programmed for positive or negative logic.
- 6.3 Three analog inputs (Analog 1 0-10VDC, Analog 2 and 3 programmable for 0-10VDC, 0-20Ma, 4-20Ma, 20-0Ma, 20-4Ma, or thermistor input).
- 6.4 Two programmable analog outputs (programmable for 0-10VDC, 0-20Ma, or 4-20Ma).
- 6.5 Secure Disable input meets EN954-1 cat 3.
- 6.6 One programmable dry contact rated 240VAC 2A resistive.
- 6.7 24VDC external input for backup power supply.

7.0 Features

- 7.1 V/Hz standard default mode or can be programmed in open loop vector or rotor flux control mode.
- 7.2 Three zero space solution module slots for fieldbus and additional I/O.
- 7.3 Smartcard for simple setup and cloning of drive parameters.
- 7.4 External 24VDC backup control supply connection.
- 7.5 PLC functionality built in with IEC 61131-3 programming language.
- 7.6 Built in EMC filter.
- 7.7 Built in dynamic brake transistor.
- 7.8 HOA selector switch mounted on the outside door

8.0 Protective Features

- 8.1 Under Voltage DC Bus 175/350/435VDC, Under voltage trip (approximately 124/247/307VAC line voltage).

- 8.2 Over Voltage DC Bus 415/830/990VDC, Over voltage trip (approximately 293/587/700VAC line voltage).
- 8.3 MOV voltage 160 Joules, 1400VDC clamping.
- 8.4 Transient protection line to line and line to ground.
- 8.5 Drive overload trip programmable for normal duty or heavy duty operation.
- 8.6 Instantaneous over current trip is 225% of drive rating.
- 8.7 Phase loss trip due to DC bus ripple exceeded.
- 8.8 Over temperature trips; drive heatsink, control board, and option module monitoring.
- 8.9 Protects against phase to phase faults.
- 8.10 Protects against phase to ground faults.
- 8.11 Electronically protects the motor from overheating due to load conditions.
- 8.12 No flow shutdown with programmable auto restart attempts.

9.0 Quality Assurance

- 9.1 All panels shall be 100% tested to ensure proper performance upon delivery.
- 9.2 Three Year Warranty from the delivery date.
 - IFM Effector transducer PA3224 with shielded cable.
 - INOV8 temperature switch mounted on the pump volute with red fault light and reset on panel door.
 - American Granby liquid filled gauges mounted on intake and discharge manifold.
 - Nibco GD4765-3 butterfly valves with grooved connection line size for bypass and applicable line size for pump suction.
 - Flomatic Check Valve with threaded connections
 - Galvanized plumbing within unit are grooved connections and fittings for 2" and larger, painted dark green.
 - Above ground galvanized drop pipes with grooved connections. Underground PVC connections and adaptors.
 - Booster pump assembly to be mounted on a level concrete pad 4" thick with a 3" apron all around including a minimum of three conduits for power and control wires.

Booster Pump Enclosure B:

- Standard enclosure size 48"X 36"X 44", uni-constructed two-piece with pivoting top and no hinges with shock absorber to assist opening and closing. Louvers on two sides for ventilation. Exhaust fan rated for 110 CFM, 115-volt, with finger guard for safety, external single muffin fan hood to shield from exposure. Pump and electrical panel mounted for easy service access. Powder coated dark green exterior and interior, all steel brackets and hardware for supports.
 - Space for future flow sensor and meter valve downstream of the booster pump installation to be coordinated with City Irrigation Supervisor is required.
 - Pumps equipped with mechanical shaft seals, back pull out designs with ample access to junction box.
 - Contractor is required to provide decomposed granite to the surface for the drop pipes to penetrate the ground to connect to the mainline .

- 30 months warranty following final acceptance on all equipment by City of Sacramento.
- Contractor to provide Operation & Maintenance manuals and special tools. (2 sets)
- Contractor to provide as-built for electrical and pumping system after acceptance. (2 sets)
- Contractor to provide equipment and assembly submittals prior to proceeding with work. (3 sets)
- Contractor to contact City Irrigation Supervisor for inspection of in ground plumbing before backfill.

F. Inspection –

1. Contractor to contact Streetscapes for inspection of in ground plumbing before backfill.
2. Manufacturer shall provide the City with a letter verifying that the booster pump was installed per the manufacture’s specifications and has been tested and certified.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in Booster Pump Assembly as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

Item No. 27 - Turf Repairs

This item shall consist of the Turf Seeding all turf areas damaged by irrigation trenching and construction operations in conformance with Sections 10 and 35 of the Standard Specifications and as amended by these Special Provisions

- A. Preparing of Planting Areas, Section 35-5 of the Standard Specifications shall be amended as follows: Soil shall be cultivated until the condition of the soil is loose and fine-textured to a depth of four inches (4"). Finish grade of all planting areas shall be reviewed and approved by the Landscape Architect before proceeding with planting.
 - a. Soil in lawn areas adjacent to curbs or paved areas shall be graded so that after settlement, the soil will be one-half inch (1/2") below the top of curb or paving.
- B. Weed Control shall conform to Section 35-6 of the Standard Specifications.
- C. Soil Preparation Materials shall conform to Sections 10-39, 10-40, 10-41, 35-8 of the Standard Specifications.
 - a. Soil Conditioner/Fertilizer: Contractor shall submit soil fertility analysis upon completion of rough grading for approval and application of amendments. Soils fertility analysis shall evaluate the following: micronutrient content, macronutrient content, pH level, saturation percentage, soil texture, infiltration rate, conductivity, total dissolved salts, cation exchange capacity, Sulfur or Lime levels, Gypsum levels, Sodium absorption ratio, exchangeable Sodium percentage, organic matter and recommendations based on analytical results. Soil conditioner shall be cultivated into the top twelve inches (12") of the soil and thoroughly watered in. Contractor shall provide proof of soil conditioner application to the Landscape

Architect.

- D. Turf Seed shall conform to Section 10-42, and applicable paragraphs of Section 35-10 of the Standard Specifications and these Special Provisions.
- a. Seed Mix: shall be per plans, applied at the rate of not less than twelve (12) lbs. of viable seed per 1,000 square feet. Seed mix shall be submitted to the Park Construction Inspector for approval. All seed shall be labeled in accordance with the California Food and Agricultural code and shall be delivered to the site in original, unopened containers and shall bear a dated guaranteed analysis.
- E. Turf Starter Fertilizer shall be applied at the rate of ten (10) lbs. per 1,000 square. Starter fertilizer shall conform to the requirements of the California Food and Agricultural Code.

Payment shall be at the lump sum price bid, and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in completing Turf Repairs as shown on the plans, as specified in these Special Provisions and as directed by the Landscape Architect.

ROBERTSON PARK:

Item No. 28 - Demolition

This item shall consist of Demolition and removal of items indicated on the plans in conformance with 13-3 Removing / Relocating of the Standard Specifications and these Special Provisions.

- A. Removal of existing irrigation controller. Contractor shall disconnect and remove existing irrigation controller and associated metal enclosure. Controller shall be returned to the City, pedestal enclosure to be disposed off-site. Mark and cap existing remote control valve wires connected to controller for future routing and connection to new controller location. All items removed by the Contractor shall be legally disposed of away from the project site, except as noted. Existing concrete paving pad to remain in place. Cut and grind down flush to grade any attachment bolts or hardware.

Payment shall be made at the lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in completing the Demolition items as shown on the plans, as specified in these Special Provisions, and as directed by the Inspector.

Item No. 29 – Central Controller System

This item shall consist of furnishing and installing the Irrigation Central Controller and High Gain Antenna as shown on the plans in conformance with Section 34 of the Standard Specifications and these Special Provisions.

A. General

- a. All materials furnished and installed shall be new and shall conform to the Standard Specifications for Public Works construction, current addition, as adopted by the City.

- b. Mandatory pre-installation meetings are required for all City of Sacramento parks projects. The contractor shall organize and conduct an on-site, pre-installation meeting with a representative from John Deere Green Tech (equipment supplier), Gonzalo Albor, the City's Irrigation Specialist, the Landscape Architect and the Inspector prior to the installation of the central control system.
- c. John Deere Green Tech representative is Jim Weller.
- d. All materials except interconnect conductors shall have a five year limited warranty. The contractor shall submit proof of warranty to the City inspector prior to the start of the maintenance period. It shall be the contractor's responsibility to obtain the necessary warranty inspections from the equipment supplier. No installation will be accepted without proof of warranty.
- e. All existing and new computerized irrigation control system components shown on the plans shall be fully operational at final acceptance.
- f. All incidental parts which are not shown on the plans or specified herein and are necessary to complete or modify the existing system shall be furnished and installed as though such parts were shown on plans or specifications. All systems shall be in satisfactory operation at the time of completion.
- g. Existing interconnect systems shall be maintained in effective operation by the contractor for the duration of the work. The contractor shall notify the City inspector 48 hours prior to performing any work on an existing system.

B. Product

3. Conduit

- a. All central control system interconnect conduit and fittings shall be PVC schedule 40 1 inch in size, unless otherwise noted.
- b. All telephone service interconnect conduit and fittings shall be as approved by the local telephone company and shall be in a 2" conduit.

2. Conductor

- a. Communication Cable as required from the sub-master satellite assembly to the other satellite assemblies on line shall be a 4 conductor shielded cable. Communication cable may be used to link satellites up to 5,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- b. Flow Sensor Wire as required from the flow sensor into the satellite assembly enclosure shall be a 2 conductor shielded cable. The sensor cable may be used to connect the flow sensor to a satellite up to 2,000 feet in length from each other. Cable shall be installed in a 1-inch PVC schedule 40 conduit.
- c. Conductors shall be the same type and size shown on the drawings as required for proper operation of the system.

3. Wire Splices

- a. Conductors shall be installed with NO UNDERGROUND splices unless absolutely necessary and unavoidable. Any and all underground splices that are required to be made, must be approved by the City inspector and shall be placed in a suitable type 14 inch by 19 inch valve box for easy access.
- b. Wire Splices on the communication or sensor cable shall be made with a splice kit (part # ETS-SPLICE).

6. Pull Boxes shall be fabricated from a durable plastic material resistant to weather, sunlight, and chemical action of soil. Pull boxes shall be a minimum size of 20 inches in length, 15.25 inches in width and 12 inches in height. In paved areas, the pull box shall be a concrete type with a cast iron lid.

5. Ground Rod

- a. A 5/8-inch by 8-foot ground rod, clamp and #10 wire shall be provided at every satellite location. It shall be installed within eight to twelve feet (8'-12') from the enclosure with nine inch (9") valve pit.
- b. All central control system equipment shall be grounded to conform to requirements of the National Electric Code, current edition as adopted by the City and the manufacturer specifications. No solder connections will be allowed. Resistance to ground shall be no more than 25 ohms.

6. Satellite Assembly

- a. The number and location of the satellites shall be as shown on the drawings and shall be as manufactured by Rain Master
- b. All satellites shall be pre-assembled; hereafter referred to as Satellite Assembly, by John Deere Green Tech.
- c. The satellite assembly shall consist of interconnect terminal strips, primary power voltage surge arrester, on/off switch, a ground fault interrupt circuit, ground rod, wire and clamp.
- d. All outdoor controllers require a fan. Controller may require a radio high gain antenna or a radio flat antenna as designated on the plans.
- e. The satellite assembly shall include a hard wire communication circuit board for communicating with a sub-master satellite assembly when interconnected by means of hard wire.
- f. The satellite assembly shall include a flow sensing assembly with a normally open master valve.
- g. The satellite assembly shall include a Rain Master PRO-MAX built-in receiver only with controller access code.

- h. The satellite assembly shall be covered by a five year limited warranty.

Execution of Work

1. Interconnect Conduit

- a. The interconnect conduit shall be located within the public right-of-way whenever possible. If the conduit is installed outside of the public right a way, an easement shall be provided to the City prior to installation.
- b. Conduit runs shall be installed as shown in the approved plans. The Inspector prior to installation shall approve any changes.
- c. The ends of the conduits, whether shop or field cut shall be reamed to removed burrs and rough edges. Cuts shall be made square and true.
- d. The ends of the conduit shall be capped until the pulling of wiring is started.
- e. Conduit bends, except factory bends, shall have radii of not less than six times the inside diameter of the conduit.
- f. Conduit shall be installed at a depth not less than 18 inches below finished grade.
- g. Conduit shall be free of soil and debris.
- h. Nylon or polypropylene pull ropes with a minimum tensile strength of 500 pounds shall be installed in all conduits, which are to receive future, interconnect cable. At least 2 feet of pull rope shall be extended beyond each end of the conduit run and secured.

2. Interconnect Conductors

- a. All interconnect conductors shall be pulled by hand.
- b. A total of 3 feet of cable shall be left at each satellite assembly and pull box. Sufficient slack shall be left to allow the wire to extend 18 inches above the top of the pull box grade.
- c. The interconnect wire shall be continuous from satellite to satellite. All splices shall occur within the satellite enclosure unless specifically authorized by the City Inspector. Splices shall be capable of satisfactory operation under continuous submersion in the water.

3. Pull Boxes

- a. Pull boxes shall be installed at intervals not to exceed two hundred feet and at all changes in direction and where the conduit crosses a roadway, bridge or railroad track (with a 36-inch loop inside the box).

- b. Pull boxes shall be installed in area to be landscaped whenever possible.
- c. The bottom of the pull box shall be bedded in crushed rock six inches deep prior to installation of the interconnect cable.

Equipment Supplier Support

- a. Review system and plans.
- b. Conduct one pre-construction meeting on site, for the contractor and owners' representative.
- c. Hook-up communication and flow sensor cable inside the assembly.
- d. Test to verify proper grounding.
- e. Field test for proper operation of the assembly components.
- f. Communication cable continuity and resistance test.
- g. Calibration of assembly flow sensing components (if applicable).
- h. Verify equipment conforms to and is installed in accordance with Green Tech and Manufacturers specifications and recommendations.
- i. Perform functional test of system from a computer.
- j. Provide written certification letter. The contractor is required to provide the Landscape Architect with a written certification letter by Green Tech, at final acceptance.

Payment shall be made at the lump sum price bid for the controller assembly and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work involved in completing the Irrigation Central Controller as shown on the plans, as specified in Section 36-25 of the Standard Specifications, in these Special Provisions and as directed by the Inspector.

CITY OF SACRAMENTO

DEPARTMENT OF PARKS AND RECREATION

PARKS PLANNING AND DEVELOPMENT SERVICES, LANDSCAPE ARCHITECTURE

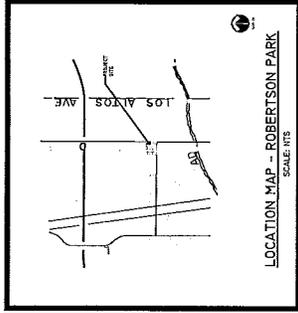
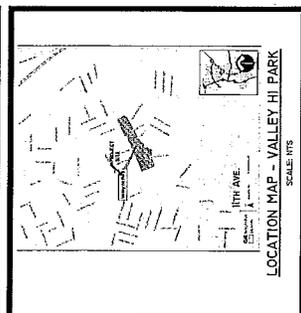
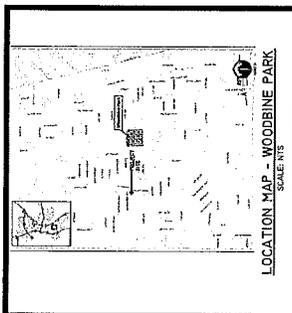
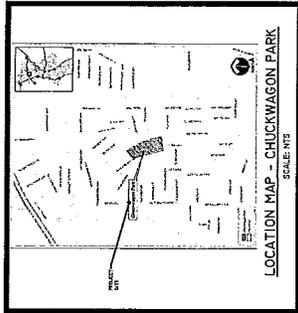
CONSTRUCTION PLANS FOR:

MULTI-SITE WATER IMPROVEMENTS

PROJECT NUMBER: LI9101200

PARK ADDRESSES:

- CHUCKWAGON PARK - 3420 BRIDGEFORD DR.
- WOODBINE PARK - 2430 52ND AVENUE
- VALLEY HI PARK - 8185 CENTER PARKWAY
- ROBERTSON PARK - 3525 NORWOOD AVENUE



CITY OF SACRAMENTO
DEPT. OF PARKS & RECREATION
LANDSCAPE ARCHITECTURE SECTION
PARK PLANNING & DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814

MULTI-SITE WATER IMPROVEMENTS
COVER SHEET

LANDSCAPE ARCHITECT
E. DOW
DATE AUGUST 2016
SCALE AS SHOWN
P. N. LI9101200
REVISED

DESIGN PROVIDED BY
DATE
CADD FILE
REVISIONS
SHEET NO. C of 7

TITLE	SHEET NO.
COVER SHEET	C
CHUCKWAGON PARK IRRIGATION PLAN	L1
WOODBINE PARK IRRIGATION PLAN	L2
WOODBINE PARK PLANTING PLAN	L3
VALLEY HI & ROBERTSON PARKS - IRRIGATION PLAN	L4
CONSTRUCTION DETAILS	L5, L6

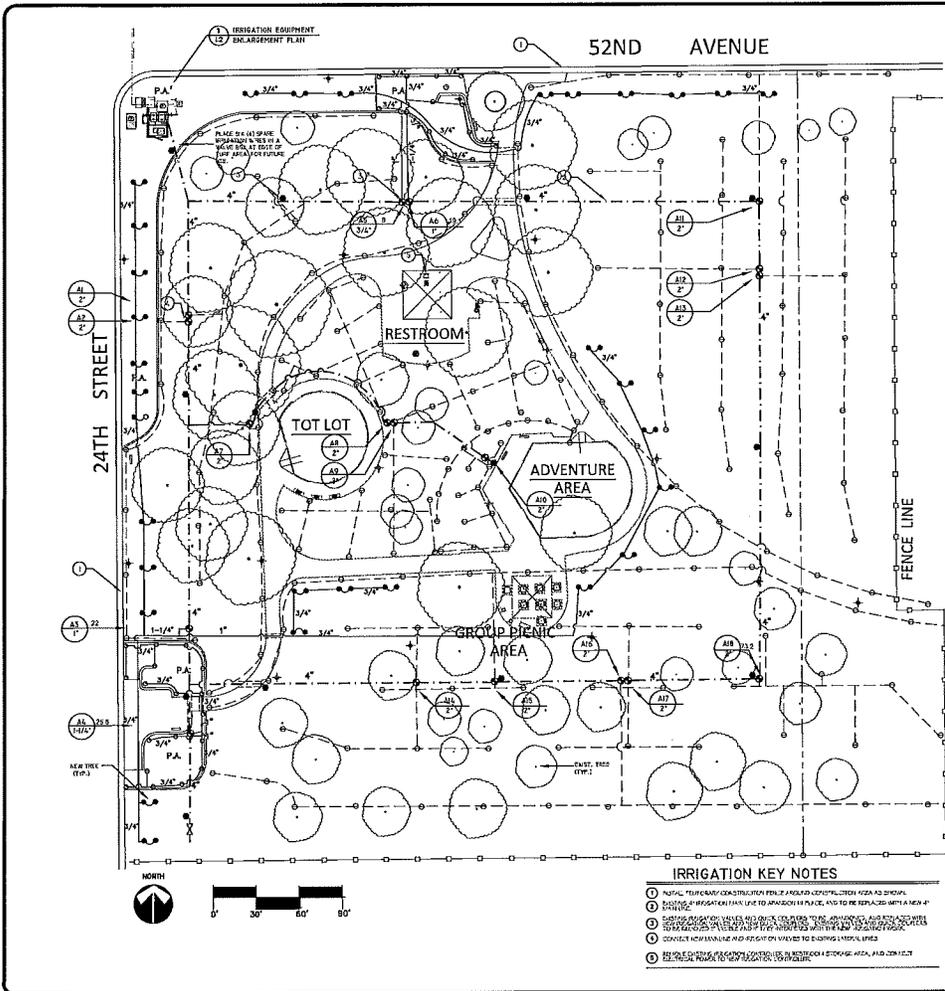
CITY REPRESENTATIVE:
CYNTHIA SANDERS, CHIEF, CRCA, 3500
GRANITE BLVD., SACRAMENTO, CA 95818
PARKS PLANNING AND DEVELOPMENT SERVICES
915 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814
DPA@CITYOF.SACRAMENTO.ORG, TELEPHONE: (916) 895-7633

APPROVED BY:
C. Gary Hyden
C. GARY HYDEN, PARK PLANNING & DEVELOPMENT MANAGER
DEPARTMENT OF PARKS AND RECREATION

GENERAL NOTES

- COORDINATION OF CONTRACT DOCUMENTS: REFER TO SECTION 5-3 COORDINATION OF CONTRACT DOCUMENTS AND SECTION 5-4 STANDARD SPECIFICATIONS FOR PUBLIC CONSTRUCTION DATED JUNE 2007 INCLUDING ALL APPLICABLE ADDENDA AND MEMORANDA.
- TRAFFIC CONTROL REQUIREMENT: REFER TO SECTION 6-10 TRAFFIC CONTROL REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- EXISTING UTILITIES: REFER TO SECTION 13 EXISTING UTILITIES OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- LOCATION AND PROTECTION OF EXISTING UTILITIES: REFER TO SECTION 6-9 MAIN AND TRUNKLINE UTILITIES OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- PERMANENT SURVEY MONUMENTS: REFER TO SECTION 5-5 TRENCH SAFETY PLANS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS. IF SURVEY MONUMENTS ARE ENCOUNTERED, ALL WORK SHALL BE STOPPED IMMEDIATELY. THE REMAINS ARE TO BE NOTIFIED IMMEDIATELY. IF THE REMAINS ARE DETERMINED TO BE NATIVE AMERICAN IN ORIGIN, THE CONTRACTOR SHALL CONTACT THE STATE HISTORICAL COMMISSION AND ANY IDENTIFIED DESCENDANTS MUST BE NOTIFIED AND RECOMMENDATIONS FOR PROTECTION SHALL BE OBTAINED PRIOR TO ANY WORK. SECTION 105A.5, HEALTH AND SAFETY CODE SECTION 5097.5A AND 5097.5B.
- TRENCH SAFETY PLANS: REFER TO SECTION 6-8 TRENCH SAFETY PLANS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- PROTECTION OF WORK, PERSONS AND PROPERTY: REFER TO SECTION 6-11 PROTECTION OF WORK, PERSONS AND PROPERTY AGAINST DAMAGE OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- RECORD DRAWINGS: REFER TO SECTION 5-8 RECORD DRAWINGS OF THE STANDARD SPECIFICATIONS FOR REQUIREMENTS.
- LAW REGULATIONS: REFER TO SECTION 6-1 LAWS AND REGULATIONS OF THE STANDARD SPECIFICATIONS AFFECTING THE WORK OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR REQUIREMENTS.
- UTILITIES: THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL EXISTING UTILITIES AND THE DEPTH OF ANY EXISTING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (800-562-5444) TWO WORKING DAYS PRIOR TO WORK COMMENCEMENT.

811
Know what's below.
Call before you dig.

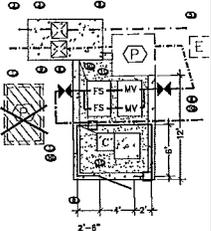


IRRIGATION LEGEND

EXISTING	NEW	EQUIPMENT DESCRIPTION	SIZE	DEPTH
		1/2" POLYETHYLENE GLYCOL (PE) PIPE WITH 1/2" O.D. VALVE	1/2"	12"
		3/4" POLYETHYLENE GLYCOL (PE) PIPE WITH 3/4" O.D. VALVE	3/4"	12"
		1" POLYETHYLENE GLYCOL (PE) PIPE WITH 1" O.D. VALVE	1"	12"
		1 1/2" POLYETHYLENE GLYCOL (PE) PIPE WITH 1 1/2" O.D. VALVE	1 1/2"	12"
		2" POLYETHYLENE GLYCOL (PE) PIPE WITH 2" O.D. VALVE	2"	12"
		3" POLYETHYLENE GLYCOL (PE) PIPE WITH 3" O.D. VALVE	3"	12"
		4" POLYETHYLENE GLYCOL (PE) PIPE WITH 4" O.D. VALVE	4"	12"
		6" POLYETHYLENE GLYCOL (PE) PIPE WITH 6" O.D. VALVE	6"	12"
		8" POLYETHYLENE GLYCOL (PE) PIPE WITH 8" O.D. VALVE	8"	12"
		10" POLYETHYLENE GLYCOL (PE) PIPE WITH 10" O.D. VALVE	10"	12"
		12" POLYETHYLENE GLYCOL (PE) PIPE WITH 12" O.D. VALVE	12"	12"
		15" POLYETHYLENE GLYCOL (PE) PIPE WITH 15" O.D. VALVE	15"	12"
		20" POLYETHYLENE GLYCOL (PE) PIPE WITH 20" O.D. VALVE	20"	12"
		24" POLYETHYLENE GLYCOL (PE) PIPE WITH 24" O.D. VALVE	24"	12"
		30" POLYETHYLENE GLYCOL (PE) PIPE WITH 30" O.D. VALVE	30"	12"
		36" POLYETHYLENE GLYCOL (PE) PIPE WITH 36" O.D. VALVE	36"	12"
		42" POLYETHYLENE GLYCOL (PE) PIPE WITH 42" O.D. VALVE	42"	12"
		48" POLYETHYLENE GLYCOL (PE) PIPE WITH 48" O.D. VALVE	48"	12"
		54" POLYETHYLENE GLYCOL (PE) PIPE WITH 54" O.D. VALVE	54"	12"
		60" POLYETHYLENE GLYCOL (PE) PIPE WITH 60" O.D. VALVE	60"	12"
		72" POLYETHYLENE GLYCOL (PE) PIPE WITH 72" O.D. VALVE	72"	12"
		84" POLYETHYLENE GLYCOL (PE) PIPE WITH 84" O.D. VALVE	84"	12"
		96" POLYETHYLENE GLYCOL (PE) PIPE WITH 96" O.D. VALVE	96"	12"
		108" POLYETHYLENE GLYCOL (PE) PIPE WITH 108" O.D. VALVE	108"	12"
		120" POLYETHYLENE GLYCOL (PE) PIPE WITH 120" O.D. VALVE	120"	12"

KEY NOTES:

1. REMOVE EXISTING ABOVEGROUND BOILER PUMP AND CONCRETE FOUNDATION TO EXISTING GRADE. FILL WITH SOIL AND COMPACT TO FIRMED SOIL.
2. REMOVE EXISTING DAMAGED AND SETTING CONCRETE PAD AND EXISTING BACKFLOW PREVENTER ENCLOSURE. REINSTALL CONCRETE PAD AND REINSTALL EXISTING ENCLOSURE.
3. EXISTING DOMESTIC AND 4" IRRIGATION BACKFLOW PREVENTERS TO REMAIN.
4. EXISTING IRRIGATION CONTROLLER IN RESTROOM BUILDING TO REMAIN.
5. EXISTING ELECTRICAL SERVICE FEEDING TO REMAIN.
6. EXISTING SUMP PUMP TO REMAIN.
7. NEW IRRIGATION CONTROLLER AND HIGH BAY ANTENNA PER LEGEND AND REMAIN IN PLACE. PROVIDE FIRM FOUNDATION FOR THE EXISTING IRRIGATION CONTROLLER TO THE LOCATION.
8. NEW WATER VALVE AND FIRM FOUNDATION PER DETAIL 8/A.
9. NEW 3/4" WATER VALVE AND FIRM FOUNDATION PER DETAIL 8/B.
10. NEW 1/2" DECOMPOSED GRANITE PAVING PER DETAIL 7/A.
11. NEW IRRIGATION ENCLOSURE FEEDING PER DETAIL 8/A.
12. NEW 4" WIDE CONCRETE SUMP DRAIN TO REMAIN PER DETAIL 7/A.
13. EXISTING PLANTER AREA TO RESTORE AS REQUIRED.



NOTES:

- A. CONSULTOR TO FIELD VERIFY EXACT LOCATION OF EXISTING WATER SERVICE AND UTILITY LINES PRIOR TO CONSTRUCTION.
- B. MAINTAIN CLEARANCE FOR ALL EQUIPMENT PER LOCAL CODES AND REQUIREMENTS.
- C. REFER TO IRRIGATION PLANS AND LEGEND FOR ADDITIONAL INFORMATION.

IRRIGATION EQUIPMENT ENLARGEMENT
SCALE: 1" = 10'-0"

SEE SHEET L1 FOR IRRIGATION NOTES

CITY OF SACRAMENTO
DEPT. OF PARKS & RECREATION
LANDSCAPE ARCHITECTURE SECTION

SACRAMENTO
Parks and Recreation

495 I STREET, 3RD FLOOR, SACRAMENTO, CA 95814

MULTI-SITE WATER IMPROVEMENTS
WOODBINE PARK-IRRIGATION PLAN

LANDSCAPE ARCHITECT
D. EAST

DESIGN DRAWING BY
D. EAST

CAD FILE

DATE: AUGUST 2015

SCALE: AS SHOWN

P.L. 150212003

REV: 07/15

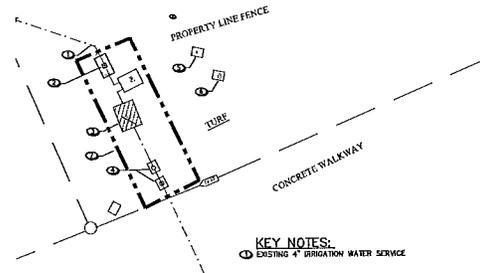
SHEET NO.
L2 of 8

IRRIGATION LEGEND

EXISTING	NEW	EQUIPMENT DESCRIPTION
□	□	REMOVED PRESSURE DROP AND FLOW METER DEVICE
□	□	ELECTRICAL SERVICE PEDESTAL
□	□	REPEATER FOR EXISTING IRRIGATION CONTROLLER
□	□	NEW IRRIGATION CONTROLLER AND HIGH GAIN ANTENNA PER LEGEND AND DETAIL 2/LS. PROVIDE FINAL CONTROL WIRES FROM THE EXISTING IRRIGATION CONTROLLER TO THIS LOCATION. RE-STATION IRRIGATION CONTROLLER (WALL-MOUNTED) TO INSTALL PER MANUFACTURER'S DETAIL. CONTROLLER TO COMMUNICATE WITH REPEATER AT SACRAMENTO NORTHERN ELECTRICAL.
□	□	HIGH GAIN ANTENNA TO BE MOUNTED ONTO THE EXISTING RESTROOM BUILDING. AND CONTRACTOR TO PROVIDE NECESSARY PARTS FOR INSTALLATION.
□	□	REGISTRATION PLATE, SIGNATURE AND TITLE PRINTED TO 2" HIGHER AND QUITS TO 1/2" OF LEFT EDGE. SEE REFERENCE DETAIL TO DETERMINE SIZE. PROVIDE SIGNATURE AND TITLE PRINTED TO 2" HIGHER AND QUITS TO 1/2" OF LEFT EDGE. SEE REFERENCE DETAIL TO DETERMINE SIZE. PROVIDE SIGNATURE AND TITLE PRINTED TO 2" HIGHER AND QUITS TO 1/2" OF LEFT EDGE. SEE REFERENCE DETAIL TO DETERMINE SIZE.
□	□	TO REMOVE CONSTRUCTION FENCE TO INSTALL SITE SERVICES

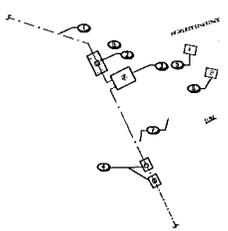
DEMOLITION NOTES

1. The Contractor shall verify the correct location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the Contract Documents.
2. No Contract work is to be done prior to the date shown on the contract documents.
3. The Contractor shall verify the location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the contract documents.
4. The Contractor shall verify the location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the contract documents.
5. The Contractor shall verify the location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the contract documents.
6. The Contractor shall verify the location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the contract documents.
7. The Contractor shall verify the location, condition, amount of materials and any permission necessary for the proper installation of the work indicated on the contract documents.



- KEY NOTES:**
1. EXISTING 4" IRRIGATION WATER SERVICE
 2. EXISTING 4" BACKFLOW PREVENTER TO REMAIN.
 3. EXISTING INGROUND BOOSTER PUMP ASSEMBLY TO REMAIN.
 4. EXISTING MASTER VALVE AND FLOW SENSOR TO REMAIN.
 5. EXISTING ELECTRICAL SERVICE PEDESTAL TO REMAIN.
 6. EXISTING IRRIGATION CONTROLLER TO REMAIN.
 7. TEMPORARY CONSTRUCTION FENCE TO INSTALL SITE SERVICES.

1 DEMOLITION PLAN-VALLEY HI PARK
SCALE: 1/8" = 1'-0"



- KEY NOTES:**
1. EXISTING 4" IRRIGATION WATER SERVICE
 2. EXISTING 4" BACKFLOW PREVENTER TO REMAIN. INSTALL NEW CONCRETE PAD, PER DETAIL 2/LS.
 3. NEW BOOSTER PUMP ASSEMBLY TO INSTALL. SEE IRRIGATION LEGEND AND SHEET 1/7.
 4. EXISTING MASTER VALVE AND FLOW SENSOR TO REMAIN. INSTALL NEW CONCRETE PEDESTAL PER DETAIL 2/LS.
 5. EXISTING ELECTRICAL SERVICE PEDESTAL TO REMAIN.
 6. EXISTING IRRIGATION CONTROLLER TO REMAIN.
 7. EXISTING TURF TO REMAIN. RESEED DAMAGED TURF AS REQUIRED.
- NOTES:**
- A. CONTRACTOR TO FIELD VERIFY EXISTING LOCATION OF EXISTING WATER SERVICE AND UTILITY LINES PRIOR TO CONSTRUCTION.
 - B. MAINTAIN CLEARANCE FOR ALL EQUIPMENT PER LOCAL CODES AND REQUIREMENTS.
 - C. REFER TO IRRIGATION PLAN AND LEGEND FOR ADDITIONAL INFORMATION.

2 IRRIGATION EQUIPMENT-VALLEY HI PARK
SCALE: 1/8" = 1'-0"

SEE SHEET 1/7 FOR IRRIGATION NOTES

- KEY NOTES:**
1. EXISTING WALL MOUNTED IRRIGATION CONTROLLER TO REMOVE.
 2. NEW IRRIGATION CONTROLLER AND HIGH GAIN ANTENNA PER LEGEND AND DETAIL 2/LS. PROVIDE FINAL CONTROL WIRES FROM THE EXISTING IRRIGATION CONTROLLER TO THIS LOCATION. RE-STATION IRRIGATION CONTROLLER (WALL-MOUNTED) TO INSTALL PER MANUFACTURER'S DETAIL. CONTROLLER TO COMMUNICATE WITH REPEATER AT SACRAMENTO NORTHERN ELECTRICAL.
 3. HIGH GAIN ANTENNA TO BE MOUNTED ONTO THE EXISTING RESTROOM BUILDING. AND CONTRACTOR TO PROVIDE NECESSARY PARTS FOR INSTALLATION.

3 IRRIGATION EQUIPMENT-ROBERTSON PARK
SCALE: 1/8" = 1'-0"

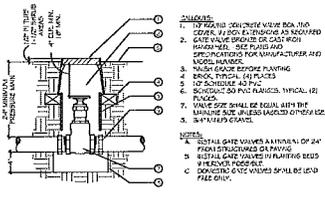
CITY OF SACRAMENTO
DEPARTMENT OF PARKS AND RECREATION
LANDSCAPE ARCHITECTURE SECTION
905 I STREET, 2ND FLOOR, SACRAMENTO, CA 95814

**MULTI-SITE WATER IMPROVEMENTS
VALLEY H & ROBERTSON - IRRIGATION PLAN**

DESIGN BY: [Name]
DATE: [Date]
SCALE: [Scale]
PROJECT NO: [Number]

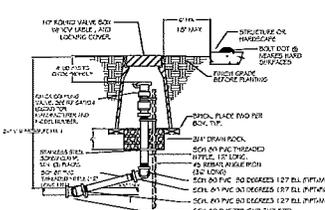
811
Know what's below.
Call before you dig.

SHEET NO.
L4 of 7



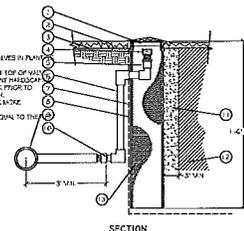
- NOTES:**
1. TOP FLANGE, DOWNSTREAM VALVE BODY, AND COVER, ALL TO BE FINISHED AS REQUIRED.
 2. GATE VALVE SHALL BE CAST IRON OR DUCTILE IRON. SEE PLAN AND SPECIFICATIONS FOR MANUFACTURER AND MODEL NUMBER.
 3. VALVE SHALL BE NON-FRISKING.
 4. END OF FLANGE, 1/4" PLACES.
 5. SCHEDULE 40 PVC.
 6. SCHEDULE 40 PVC FLANGES, TYPICAL (2) OF EACH END.
 7. VALVE SIZE SHALL BE EQUAL TO THE FLANGING SIZE UNLESS OTHERWISE SPECIFIED.
 8. 3/4" UNF NPT.
- DETAILS:**
1. INSTALL GATE VALVES A MINIMUM OF 24" FROM STRUCTURE OR PAVING.
 2. INSTALL GATE VALVES IN PLUMBING DEEDS WHERE NECESSARY.
 3. DOWNSTREAM GATE VALVES SHALL BE UP-FRAME ONLY.

1 GATE VALVE-4" & LARGER
NOT TO SCALE



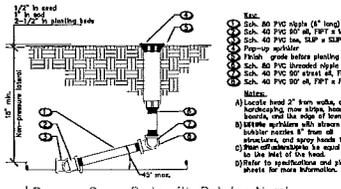
- NOTES:**
1. 1/2" SCH. 40 VALVE BODY UP TO 1/2" UNF. AND LOCKING COVER.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
 3. 1/2" UNF. NPT. END OF VALVE BODY.
 4. 1/2" UNF. NPT. END OF VALVE BODY.
 5. 1/2" UNF. NPT. END OF VALVE BODY.
 6. 1/2" UNF. NPT. END OF VALVE BODY.
 7. 1/2" UNF. NPT. END OF VALVE BODY.
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 18. 1/2" UNF. NPT. END OF VALVE BODY.
 19. 1/2" UNF. NPT. END OF VALVE BODY.
 20. 1/2" UNF. NPT. END OF VALVE BODY.

2 QUICK COUPLER
NOT TO SCALE



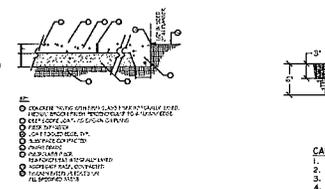
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
 3. 1/2" UNF. NPT. END OF VALVE BODY.
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 19. 1/2" UNF. NPT. END OF VALVE BODY.
 20. 1/2" UNF. NPT. END OF VALVE BODY.

3 TREE BUBBLER
NOT TO SCALE



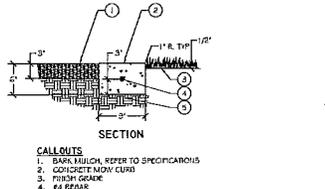
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
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 18. 1/2" UNF. NPT. END OF VALVE BODY.
 19. 1/2" UNF. NPT. END OF VALVE BODY.
 20. 1/2" UNF. NPT. END OF VALVE BODY.

4 POP-UP SPRAY BODY WITH ROTATOR NOZZLE
NOT TO SCALE



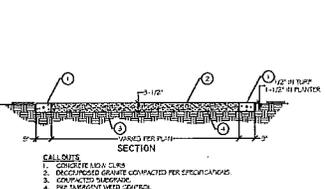
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
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 20. 1/2" UNF. NPT. END OF VALVE BODY.

5 CONCRETE FLATWORK
NOT TO SCALE



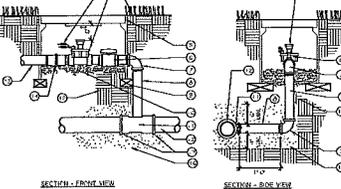
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
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 19. 1/2" UNF. NPT. END OF VALVE BODY.
 20. 1/2" UNF. NPT. END OF VALVE BODY.

6 9" CONCRETE MOWSTRIP
NOT TO SCALE



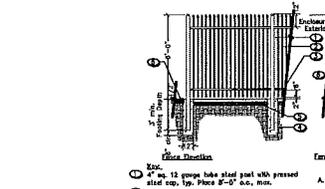
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
 2. 1/2" UNF. NPT. END OF VALVE BODY.
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7 DECOMPOSED GRANITE PAVING
NOT TO SCALE



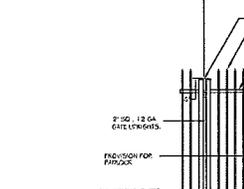
- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
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8 REMOTE CONTROL VALVE
NOT TO SCALE



- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
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 19. 1/2" UNF. NPT. END OF VALVE BODY.
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9 IRRIGATION ENCLOSURE FENCING
NOT TO SCALE



- NOTES:**
1. 1/2" UNF. NPT. END OF VALVE BODY.
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 20. 1/2" UNF. NPT. END OF VALVE BODY.

910 DOUBLE GATES
NOT TO SCALE

CITY OF SACRAMENTO
DEPT. OF PARKS & RECREATION
LANDSCAPE ARCHITECTURE SECTION
905 I STREET, 3RD FLOOR, SACRAMENTO, CA 95811

MULTI-SITE WATER IMPROVEMENTS
CONSTRUCTION DETAILS

LANDSCAPE ARCHITECT
DESIGN BY
DATE: 10/12/2010
SCALE: AS SHOWN
A. H. LANDSCAPE ARCHITECTS
REVISED

811
Know what's below. Call before you dig.

SHEET NO. **L6** OF **7**

Requires Council Approval: N Y

Council Meeting Date: 10/18/2016

Real Estate Other Party Signature Needed Recording Requested

General Information

Contract Type: Public Project
 PO Type: Construction
 \$ Not to Exceed: 345,676.00
 Other Party: Abide Builders
 Project Name: Multi-Site Water Improvement#
 Project Number: L19101200
 Bid Transaction #: B171911121003

Attachment #: _____
 Original Doc #: _____

Certified Copies of Document:
 Deed: _____
 Tax ID # (if applicable): _____
 Preferences: LBE SBE DBE MWBE

Department Information

Department: Parks and Recreation
 Project Manager: Dennis Day
 Contract Services: Katherine Robbins
 Phone Number: (916) 808-1562
 Date: _____

Division: Park Planning
 Supervisor: Gary Hyden
 Division Manager: Shannon Brown
 Org Number: _____

Comment: Multi-Site Water Improvements (CDBG)

Review and Signature Routing

Department	Signature or Initial	Date
Project Manager:	_____	_____
Operation Manager:	_____	_____
Contract Services:	_____	_____
Supervisor:	_____	_____
Division Manager:	_____	_____

City Attorney
 City Attorney: _____
 Signature or Initial: _____
 Date: _____

Send Interoffice Mail Notify for Pick Up
 Name and Phone Ext: Katherine x1562

Authorization
 Department Director: _____
 Signature or Initial: _____
 Date: _____

City Manager: Y N

Contract Cover/Routing Form: Must Accompany ALL Contracts;
 however, it is not part of the contract.

(Sticker)

For City Clerk Processing

Finalized:
 Initial: _____
 Date: _____

Imaged:
 Initial: _____
 Date: _____

Received:
 (City Clerk Stamp Here)

**CITY OF SACRAMENTO
PERFORMANCE BOND**

Department of Parks and Recreation
Page 1 of 1

Bond No.: 705149P
Premium: \$6,914

WHEREAS, the City of Sacramento, State of California, hereinafter called City, has conditionally awarded to:

as principal, hereinafter called Contractor, a contract for construction of:

**MULTI-SITE WATER IMPROVEMENTS PROJECT
(PN: L19101200)**

which contract is by reference incorporated herein and made a part hereof as if the Surety named below were a party to the contract, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract, Contractor is required to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, we the Contractor and *(here insert full name and address of Surety)*:
Indemnity Company of California, 1610 Arden Way, Ste. 299, Sacramento, CA 95815,
a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, as obligee, in the sum of:

\$345,676.00

for the payment of which sum well and truly to be made, we the Contractor and Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally. The condition of this obligation is such that, if the Contractor, Contractor's heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and fully perform all covenants, conditions and agreements required to be kept and performed by Contractor in the Contract and any changes, additions or alterations made thereto, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meanings, and shall indemnify and save harmless the City, its officers, employees and agents, as therein provided, then the Surety's obligations under the Contract and this bond shall be null and void; otherwise they shall be and remain in full force and effect. This obligation shall remain in full force and effect through the end of the Contract warranty period, which will expire one year after the completion of work date specified in the Notice of Completion filed for the above-named project.

As part of the obligations secured hereby and in addition to the sum specified above, there shall be included all costs, expenses and fees, including attorney's fees, reasonably incurred by City in successfully enforcing such obligations, all to be taxed as costs and included in any judgment rendered.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety, SIGNED AND SEALED on September 29, 2016.

Abide Builders, Inc.
(Contractor) (Seal)
By [Signature]
Title President

Indemnity Company of California
(Surety) (Seal)
By [Signature]
Title Karina Palmer, Attorney-in-Fact
Agent Name and Address Warren G. Bender Co.
516 Gibson Dr., Ste. 240, Roseville, CA 95678
Agent Phone # (916) 380-5300
Surety Phone # (916) 924-9112
California License # 0406967

ORIGINAL APPROVED AS TO FORM:

City Attorney

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 Placer }

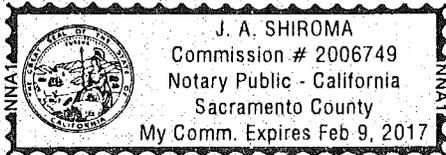
On September 29, 2016 before me, J. A. Shiroma, Notary Public, personally appeared
Date Here Insert Name and Title of the officer

Karina Palmer
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: J. A. Shiroma
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: Redemption Bond # 705149P 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: _____

**POWER OF ATTORNEY FOR
DEVELOPERS SURETY AND INDEMNITY COMPANY
INDEMNITY COMPANY OF CALIFORNIA
PO Box 19725, IRVINE, CA 92623 (949) 263-3300**

KNOW ALL BY THESE PRESENTS that except as expressly limited, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, do each hereby make, constitute and appoint:

Edward D. Johnson, Stephen D. Bender, Karina Palmer, Todd J. Sorensen, Julie A. Shiroma, jointly or severally

as their true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations, as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Boards of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of January 1st, 2008.

RESOLVED, that a combination of any two of the Chairman of the Board, the President, Executive Vice-President, Senior Vice-President or any Vice President of the corporations be, and that each of them hereby is, authorized to execute this Power of Attorney, qualifying the attorney(s) named in the Power of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of either of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporations when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective officers and attested by their respective Secretary or Assistant Secretary this January 29, 2015.

By: *Daniel Young*
Daniel Young, Senior Vice-President

By: *Mark Lansdon*
Mark Lansdon, Vice-President



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 Orange

On January 29, 2015 before me, Lucille Raymond, Notary Public
Date Here Insert Name and Title of the Officer.
personally appeared Daniel Young and Mark Lansdon
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 *Lucille Raymond*
Lucille Raymond, Notary Public



Place Notary Seal Above

CERTIFICATE

The undersigned, as Secretary or Assistant Secretary of DEVELOPERS SURETY AND INDEMNITY COMPANY or INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked and, furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, this 29th day of September, 2016.

By: *Cassie J. Berrisford*
Cassie J. Berrisford, Assistant Secretary

**CITY OF SACRAMENTO
PAYMENT BOND**

Department of Parks and Recreation
Page 1 of 1

Bond No.: 705149P
Premium: Included with Performance Bond

WHEREAS, the City of Sacramento, in the State of California, hereinafter called City, has conditionally awarded to:

hereinafter called Contractor, a contract for construction of:

**MULTI-SITE WATER IMPROVEMENTS PROJECT
(PN: L19101200)**

Which contract is by reference incorporated herein and made a part hereof, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract and pursuant to Chapter 5 of Title 3 of Part 6 of Division 4 of the California Civil Code (commencing with Civil Code Section 9550), Contractor is required to furnish a good and sufficient payment bond to secure payment of the claims to which reference is made in Civil Code Section 9554.

NOW, THEREFORE, we the Contractor and (*here insert full name and address of Surety*):
Indemnity Company of California, 1610 Arden Way, Ste. 299, Sacramento, CA 95815

a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, and unto all persons or entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions in the sum of \$345,676.00, on the condition that if Contractor shall fail to pay for any materials or equipment furnished or used in performance of the Contract, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board or the Employment Development Department from the wages of employees of the Contractor and all subcontractors with respect to such work or labor, then the Surety shall pay the same in an amount not exceeding the sum specified above. If suit is brought upon this bond, Surety shall pay, in addition to the above sum, all costs, expenses and fees, including attorney's fees, reasonably incurred by any party in successfully enforcing the obligation secured hereby, all to be taxed as costs and included in any judgment rendered. Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect, and shall bind Contractor, Surety, their heirs, executors, administrators, successors and assigns, jointly and severally.

It is hereby stipulated and agreed that this bond shall inure to the benefit of all persons, companies, corporations, political subdivisions, State agencies and other entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions, so as to give a right of action to them or their assigns in any suit brought upon this bond. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety, SIGNED AND SEALED on: September 29, 2016.

Abide Builders, Inc.
(Contractor) (Seal)
By [Signature]
Title President

Indemnity Company of California
(Surety) (Seal)
By [Signature]
Title Karina Palmer, Attorney-in-Fact
Agent name and Address: Warren G. Bender Co.
516 Gibson Dr., Ste. 240, Roseville, CA 95678
Agent Phone #: (916) 380-5300
Surety Phone #: (916) 924-9112
California License # 0406967

ORIGINAL APPROVED AS TO FORM:

City Attorney

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

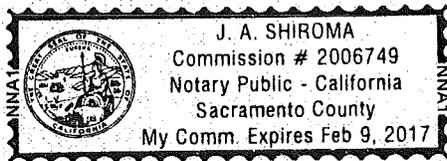
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of Placer }

On September 29, 2016 before me, J. A. Shiroma, Notary Public, personally appeared
Date Here Insert Name and Title of the officer

Karina Palmer
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: Payment Bond # 705149P 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: _____

**POWER OF ATTORNEY FOR
DEVELOPERS SURETY AND INDEMNITY COMPANY
INDEMNITY COMPANY OF CALIFORNIA
PO Box 19725, IRVINE, CA 92623 (949) 263-3300**

KNOW ALL BY THESE PRESENTS that except as expressly limited, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, do each hereby make, constitute and appoint:

Edward D. Johnson, Stephen D. Bender, Karina Palmer, Todd J. Sorensen, Julie A. Shiroma, jointly or severally

as their true and lawful Attorney(s)-in-Fact, to make, execute, deliver and acknowledge, for and on behalf of said corporations, as sureties, bonds, undertakings and contracts of suretyship giving and granting unto said Attorney(s)-in-Fact full power and authority to do and to perform every act necessary, requisite or proper to be done in connection therewith as each of said corporations could do, but reserving to each of said corporations full power of substitution and revocation, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed.

This Power of Attorney is granted and is signed by facsimile under and by authority of the following resolutions adopted by the respective Boards of Directors of DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA, effective as of January 1st, 2008.

RESOLVED, that a combination of any two of the Chairman of the Board, the President, Executive Vice-President, Senior Vice-President or any Vice President of the corporations be, and that each of them hereby is, authorized to execute this Power of Attorney, qualifying the attorney(s) named in the Power of Attorney to execute, on behalf of the corporations, bonds, undertakings and contracts of suretyship; and that the Secretary or any Assistant Secretary of either of the corporations be, and each of them hereby is, authorized to attest the execution of any such Power of Attorney;

RESOLVED, FURTHER, that the signatures of such officers may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures shall be valid and binding upon the corporations when so affixed and in the future with respect to any bond, undertaking or contract of suretyship to which it is attached.

IN WITNESS WHEREOF, DEVELOPERS SURETY AND INDEMNITY COMPANY and INDEMNITY COMPANY OF CALIFORNIA have severally caused these presents to be signed by their respective officers and attested by their respective Secretary or Assistant Secretary this January 29, 2015.

By: *Daniel Young*
Daniel Young, Senior Vice-President

By: *Mark Lansdon*
Mark Lansdon, Vice-President



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 Orange

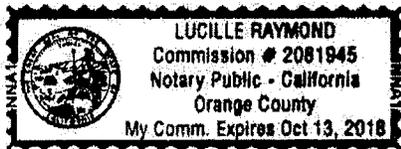
On January 29, 2015 before me, Lucille Raymond, Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Daniel Young and Mark Lansdon
Name(s) of Signer(s)

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 *Lucille Raymond*
Lucille Raymond, Notary Public



Place Notary Seal Above

CERTIFICATE

The undersigned, as Secretary or Assistant Secretary of DEVELOPERS SURETY AND INDEMNITY COMPANY or INDEMNITY COMPANY OF CALIFORNIA, does hereby certify that the foregoing Power of Attorney remains in full force and has not been revoked and, furthermore, that the provisions of the resolutions of the respective Boards of Directors of said corporations set forth in the Power of Attorney are in force as of the date of this Certificate.

This Certificate is executed in the City of Irvine, California, this 29th day of September, 2016.

By: *Cassie J. Harrisford*
Cassie J. Harrisford, Assistant Secretary

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

The following is added to the **Section II – Liability Coverage, Paragraph A.1. Who Is An Insured Provision:**

Any person or organization that you are required to include as additional insured on the Coverage Form in a written contract or agreement that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period is an "insured" for Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
As where required by written contract prior to loss.	All covered locations.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;
whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Any person or organization where required by written contract	
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

COMMON POLICY CONDITIONS

All Coverage Parts included in this policy are subject to the following conditions.

A. Cancellation

1. The first Named Insured shown in the Declarations may cancel this policy by mailing or delivering to us advance written notice of cancellation.
2. We may cancel this policy by mailing or delivering to the first Named Insured written notice of cancellation at least:
 - a. 10 days before the effective date of cancellation if we cancel for nonpayment of premium; or
 - b. 30 days before the effective date of cancellation if we cancel for any other reason.
3. We will mail or deliver our notice to the first Named Insured's last mailing address known to us.
4. Notice of cancellation will state the effective date of cancellation. The policy period will end on that date.
5. If this policy is cancelled, we will send the first Named Insured any premium refund due. If we cancel, the refund will be pro rata. If the first Named Insured cancels, the refund may be less than pro rata. The cancellation will be effective even if we have not made or offered a refund.
6. If notice is mailed, proof of mailing will be sufficient proof of notice.

B. Changes

This policy contains all the agreements between you and us concerning the insurance afforded. The first Named Insured shown in the Declarations is authorized to make changes in the terms of this policy with our consent. This policy's terms can be amended or waived only by endorsement issued by us and made a part of this policy.

C. Examination Of Your Books And Records

We may examine and audit your books and records as they relate to this policy at any time during the policy period and up to three years afterward.

D. Inspections And Surveys

1. We have the right to:
 - a. Make inspections and surveys at any time;

- b. Give you reports on the conditions we find; and

- c. Recommend changes.

2. We are not obligated to make any inspections, surveys, reports or recommendations and any such actions we do undertake relate only to insurability and the premiums to be charged. We do not make safety inspections. We do not undertake to perform the duty of any person or organization to provide for the health or safety of workers or the public. And we do not warrant that conditions:
 - a. Are safe or healthful; or
 - b. Comply with laws, regulations, codes or standards.

3. Paragraphs 1. and 2. of this condition apply not only to us, but also to any rating, advisory, rate service or similar organization which makes insurance inspections, surveys, reports or recommendations.

4. Paragraph 2. of this condition does not apply to any inspections, surveys, reports or recommendations we may make relative to certification, under state or municipal statutes, ordinances or regulations, of boilers, pressure vessels or elevators.

E. Premiums

The first Named Insured shown in the Declarations:

1. Is responsible for the payment of all premiums; and
2. Will be the payee for any return premiums we pay.

F. Transfer Of Your Rights And Duties Under This Policy

Your rights and duties under this policy may not be transferred without our written consent except in the case of death of an individual named insured.

If you die, your rights and duties will be transferred to your legal representative but only while acting within the scope of duties as your legal representative. Until your legal representative is appointed, anyone having proper temporary custody of your property will have your rights and duties but only with respect to that property.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Person Or Organization:

WHERE REQUIRED BY WRITTEN CONTRACT

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

<p>Designated Construction Project(s):</p>
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage C regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 3. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
 4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:

1. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.

C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.

D. If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.

E. The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

PRIMARY AND NON-CONTRIBUTORY INSURANCE

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

A. SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITION, 4. Other Insurance, and all subparts thereof, as contained in the policy is deleted in its entirety and replaced with the following condition:

4. Other Insurance

If all of the other insurance permits contribution by equal shares, we will follow this method unless the insured is required by written contract signed by both parties, to provide insurance that is primary and noncontributory, and the "Insured contract" is executed prior to any loss. Where required by a written contract signed by both parties, this insurance will be primary & non-contributing only when and to the extent as required by that contract.

However, under the contributory approach each insurer contributes equal amounts until it has paid its applicable limit of Insurance or none of the loss remains, whichever comes first. If any of the other insurance does not permit contributory by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit if insurance to the total applicable limits of insurance of all insurers.

All other terms, conditions, and exclusions under the policy are applicable to this endorsement and remain unchanged.

All other terms and conditions of this Policy remain unchanged.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT - CALIFORNIA

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be 2% of the California workers' compensation premium otherwise due on such remuneration.

SCHEDULE

PERSON OR ORGANIZATION

JOB DESCRIPTION

ANY PERSON OR ORGANIZATION FOR WHOM THE NAMED INSURED HAS AGREED BY WRITTEN CONTRACT TO FURNISH THIS WAIVER

BLANKET WAIVER OF SUBROGATION

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective: **04/01/2016**

Policy No. **7600014684161**

Endorsement No. **001**

Insured: **Abide Builders Inc.**

Premium \$ **INCL.**

Insurance Company: **Everest National Insurance Company**

Countersigned By: _____

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

EXCLUSION – DESIGNATED OPERATIONS COVERED BY A CONSOLIDATED (WRAP-UP) INSURANCE PROGRAM

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Description and Location of Operation(s):

WRAP UP WORK

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

The following exclusion is added to paragraph 2., Exclusions of COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY (Section I – Coverages):

This insurance does not apply to "bodily injury" or "property damage" arising out of either your ongoing operations or operations included within the "products-completed operations hazard" at the location described in the Schedule of this endorsement, as a consolidated (wrap-up) insurance program has been provided by the prime contractor/project manager or owner of the construction project in which you are involved.

This exclusion applies whether or not the consolidated (wrap-up) insurance program:

- (1) Provides coverage identical to that provided by this Coverage Part;
- (2) Has limits adequate to cover all claims; or
- (3) Remains in effect.

RESOLUTION NO. 2016-

Adopted by the Sacramento City Council

AWARD CONTRACT FOR THE MULTI-SITE WATER IMPROVEMENTS PROJECT AND APPROPRIATE FUNDS FROM THE MEASURE U PARK IMPROVEMENTS PROJECT (L19706000) TO THE MULTI-SITE WATER IMPROVEMENTS PROJECT (L19101200)

BACKGROUND

- A. Chuckwagon Park is a 1.87-acre neighborhood park located at 3420 Bridgeford Dr. in Community Planning Area 9, Council District 3. Woodbine Park is a 6.34-acre neighborhood park located at 2430 52nd Avenue in Community Planning Area 4, Council District 5. Valley Hi Park is a 19.77-acre community park located at 8185 Center Parkway in Community Planning Area 4, Council District 7. Robertson Park is a 9.18-acre community park located at 3525 Norwood Avenue in Community Planning Area 8, Council District 2.
- B. The improvements consist of various irrigation system improvements at each park as follows: 1) Chuckwagon Park includes replacement of an irrigation controller, installation of a master valve and flow sensor, a domestic backflow preventer, tubular steel fence enclosure, concrete flatwork, and decomposed granite paving; 2) Woodbine Park includes removal of abandoned booster pump and concrete vault, replacement of an irrigation controller, installation of a master valve and flow sensor, tubular steel fence enclosure, concrete flatwork, decomposed granite paving, automatic irrigation system, and landscape planting; 3) Valley Hi Park includes replacement of a booster pump assembly and concrete boxes for the existing master valve and flow sensor; 4) Robertson Park includes replacement of an irrigation controller.
- C. The formal bidding process for Multi-Site Water Improvements Project was posted in accordance with City Code 3.60 and Administrative Policy AP-4002 on September 14, 2016. No bids were received. Staff solicited bids from three contractors on the plan holders lists.
- D. Construction of the Multi-Site Water Improvements Project is expected to be completed by the end of December 2016.
- E. Appropriating funding from the Measure U Park Improvements Project (L19706000) Fund 2401, in the amount of \$60,000 to the Multi-Site Water Improvements Project (L19101200), will allow staff to complete the necessary improvements.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. The Plans and Specifications for the Multi-Site Water Improvements Project (L19101200) are approved.
- Section 2. The construction contract is awarded to Abide Builders, in the amount of no-to-exceed \$345,676 for the Multi-Site Water Improvements Project (L19101200).
- Section 3. The City Manager or his designee is authorized to execute a construction contract with Abide Builders in the amount not-to-exceed \$345,676 for the Multi-Site Water Improvements Project (L19101200).
- Section 4. The appropriation of funds from the Measure U Park Improvements Project (L19706000) Fund 2401, in the amount of \$60,000 to the Multi-Site Water Improvements Project (L19101200) is approved.