



CONTRACT SPECIFICATIONS FOR:

WESTSIDE PARK IMPROVEMENTS

6601 W 2nd Street, Rio Linda, CA 95673

PROJECT MANAGER

Mike Heller, General Manager
Rio Linda Elverta Recreation and Park District
810 Oak Lane
Rio Linda, CA 95673
(916) 991-5929
mheller@rleparks.com

RIO LINDA ELVERTA RECREATION AND PARK DISTRICT

NOTICE TO CONTRACTORS

Notice is hereby given that the Rio Linda Elverta Recreation and Park District of Sacramento County, California, will receive sealed bids as follows:

BID DATE and TIME:	On or before 2:00 pm – December 6, 2022
REQUIRED DOCUMENTS:	Pages 6 thru 7 and 13 – 15 of Bid Proposal Sheets
SUBMIT BIDS TO:	Rio Linda and Elverta Recreation and Park District c/o Mike Heller 810 Oak Lane, Rio Linda, CA 95673 By 2:00 pm, December 6, 2022
BID OPENING:	IMMEDIATELY FOLLOWING
FOR:	CONTRACT NO. 0001 Westside Park Improvements
ESTIMATED CONSTRUCTION COST FOR BASE BID AND ADD ALTERNATES:	\$448,930
CONTRACTOR’S CALIFORNIA LICENSE AND/OR CLASS REQUIRED:	‘A’ General Engineering Contractor
MANDATORY PRE-BID WALK DATE and TIME:	9:00 am, November 15, 2022
PRE-BID WALK LOCATION	Westside Park located at 6601 W 2 nd Street, by existing restroom building

PROJECT DESCRIPTION: The work to be performed under this contract includes the rehabilitation and addition of park amenities to Westside Park located in Rio Linda, CA. The majority of the improvements include the installation of a pre-manufactured restroom building and shade shelter and supporting improvements. Other work includes, but is not limited to the following; site demolition, electrical, utility connections, earthwork and grading, installation of concrete pavement and hardscape, decomposed granite pavement, irrigation work, header board and various site furnishings.

The district has secured the restroom building as indicated in the plans and specs. The awarded contractor shall be responsible for the scheduling, the delivery, storage and installation of the pre-purchased restroom building.

Time for completion of the work is sixty (60) working days for all work.

Award of this contract requires a valid California Contractor’s license with the classification identified above.

PREVAILING WAGE: All public works projects are subject to compliance monitoring and enforcement by the State of California Department of Industrial Relations (DIR). No Contractor or Subcontractor may be listed on a bid proposal for a public works project or awarded a contract for public work on a public works project unless registered with the DIR pursuant to Labor Code section 1725.5. This project is subject to prevailing wage.

PROCEDURE TO PURCHASE AND OBTAIN CONTRACT DOCUMENTS:

1. The Plans and Specifications are available for download from the District’s website at no cost to the Contractor at: www.rleparks.com. It is the Contractor’s responsibility to check the website for addendums and updates. Bid results will be posted on the website for 30 days following the bid date.
2. Plans and Specifications can be sent electronically by emailing mheller@rleparks.com. Emails should contain Contractor’s name and contact information (name, mailing address, phone, email address, etc.)
3. Plans and Specifications are also available in the following locations:
 - ARC Document Solutions- 801 Broadway, Sacramento, CA 95818
 - Sacramento Builders Exchange – 5370 Elvas Ave, Sacramento, CA 95819

SUBMITTALS: Each bid must be submitted on the proposal bid forms provided in the Contract Documents. Each bid must also be accompanied by security in the form of a bid bond issued by corporate surety, a certified check, or cashier’s check payable to the Rio Linda Elverta Recreation and Park District, or cash for an amount not less than ten percent (10%) of the aggregate sum of the bid.

The successful bidder shall be required to execute a Payment Bond and Performance Bond issued by a corporate surety, acceptable to the Rio Linda Elverta Recreation and Park District, for the Westside Park Improvements. Each bond shall not be less than one hundred percent (100%) of that portion of the contract price.

QUESTIONS: Please direct pre-bid questions in writing to the Project Manager, Mike Heller, Rio Linda Elverta Recreation and Park District, by email at mheller@rleparks.com.

1. Deadline for questions is 5:00 pm – Wednesday, November 23, 2022
2. Addendums and answers to all questions will be posted to the website on Wednesday, November 29, 2022
3. It is the Contractor’s responsibility to check the District website for updates.

The Board reserve the right to reject any or all bids, to waive any informality in any bid, and to determine which bid, in the judgement of the Board, is the lowest responsive bid of a responsible bidder.

Mike Heller
General Manager
Rio Linda Elverta Recreation and Park District

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Section 1: Bid Documents

The scope of work for this project includes the rehabilitation and addition of park amenities to Westside Park located in Rio Linda, CA. The majority of the improvements include the installation of a pre-manufactured restroom building and shade shelter and supporting improvements. Other work includes, but is not limited to the following; site demolition, electrical, utility connections, earthwork and grading, installation of concrete pavement and hardscape, decomposed granite pavement, irrigation work, header board and various site furnishings.

The district has secured the restroom building as indicated in the plans and specs. The awarded contractor shall be responsible for the scheduling, the delivery, storage and installation of the pre-purchased restroom building.

The project falls within the Uniform Public Construction Cost Accounting Act (UPCCAA) requirements for informal bidding procedures and the project shall be advertised according to the UPCCAA requirements.

BID PROPOSAL

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:

WESTSIDE PARK IMPROVEMENTS PROJECT

Item No.	Item of Work	Unit	Qty.	Unit Price	Total Price
1	024113- Demolition	LS	1		
2	265600- Site Electrical	LS	1		
3	312000- Earthwork and Grading	LS	1		
4	321313- Concrete Pavement	SF	3,445		
5	321313- Detectable Warning Tile	EA	1		
6	323300- Picnic Table	EA	2		
7	323300- Picnic Table ADA	EA	4		
8	323300- Bench	EA	2		
9	323300- Bicycle Rack	EA	3		
10	323300- Trash Receptacle	EA	1		
11	323300- Recycling Receptacle	EA	1		
12	323300- Barbeque	EA	2		
13	323300- Shade Shelter	EA	1		
14	323300- Installation of Pre-Purchased Prefabricated Restroom Building	EA	1		
TOTAL BID PRICE					

ADD ALTERNATE #1 DECOMPOSED GRANITE PAVEMENT					
1	321540- Decomposed Granite Pavement	SF	3,300		
2	323300- Redwood Headerboard	LF	1,015		
3	323300- Cornhole Board	EA	2		
ADD ALTERNATE #1					

ADD ALTERNATE #2 IRRIGATION IMPROVEMENTS					
1	328400- Irrigation	LS	1		
ADD ALTERNATE #2					

TOTAL BASE BID AND ADD ALTERNATES					
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Bidder shall complete the form for the base bid schedule legibly and in its entirety. Incomplete forms may be grounds for disqualification of the bid.

The basis of bid award shall be the lowest bid determined by totaling the Total Bid Schedule plus Add Alternative #1 plus Add Alternative #2 and whose Bid complies with the specified requirements. However, the District may approve or reject the Bid Alternates at its discretion.

There will be a mandatory pre-bid walkthrough for this project on **Tuesday, November 15, 2022 at 9:00am** at the project site: **6601 W 2nd Street, Rio Linda, CA**. Bids are due on or before: 2:00pm, Tuesday, December 6, 2022. Attn: Mike Heller, mheller@rleparks.com, 810 Oak Lane, Rio Linda, CA 95673. **This project must be bid by a Contractor with an 'A' license.** The Rio Linda Elverta Recreation and Park District requires "Prevailing Wage" for all public projects. Contractor warrants compliance with all federal, state, local laws, ordinances, rules, and regulations applicable to the performance of this Request for Quote. Representations contained within this bid are made under penalty of perjury.

Contractor's Name & Phone: _____

Contractor's License: _____

Date: _____

INSTRUCTIONS TO BIDDERS

To be considered, sealed proposals (bids) must be made in accordance with the following instructions:

PROPOSALS/BIDS: Proposals must be made on the form included in these bid documents. All items on the form shall be filled out, numbers shall be stated in writing and in figures, and the signatures of all individuals shall be in longhand. When requested by the District, satisfactory evidence of the authority of the person signing on behalf of the company shall be furnished. A party's failure to properly sign required forms may result in rejection of the proposal. Each proposal must give the full name and business address of the proposing party.

- A. No telegraphic or telephone proposal or modifications to the form will be considered. Proposals shall not contain any recapitulation of the work to be done, and alternative proposals will not be considered unless called for.
- B. Should a bidder find a discrepancy in or omissions from the documents or should he/she be in doubt as to any meaning, he/she shall immediately notify the District, who will send written instructions to all bidders. The District will not be responsible for giving any oral instructions. All inquiries will be answered in writing and distributed to all bidders in the form of addenda to the contract prior to the opening bid date.
- C. All addenda or bulletins issued during the bidding period shall be included in the proposal and will become a part of the contract for the project.
- D. Pursuant to provisions of Section 4100 et seq. of the Public Contract Code, every bidder shall in his/her bid set forth:
 - 1. The name and location of the place of business of each subcontractor who will perform work or labor or render service to the bidder in or about the work in an amount more than one-half of one percent of the bidder's total work.
 - 2. The portion of the work that will be done by each subcontractor. If the bidder fails to specify a subcontractor for any portion of the work to be performed under the contract more than one-half of one percent of the bidder's total bid, he/she agrees to perform that portion himself/herself. The successful bidder shall not, without the consent of the District, either:
 - a. Permit any subcontract to be assigned or transferred or allow the work to be performed by anyone other than the original subcontractor listed in the bid.
 - b. Other than in the performance of a change order, sub-let or subcontract any portion of the work more than one-half of one percent of the total bid as to which his/her original bid did not designate a subcontractor.
 - 3. Proposals must include all applicable taxes in the proposal amount.

DEADLINE FOR RECEIPT OF PROPOSALS: Proposals must be received by the Rio Linda Elverta Recreation and Park District by or before **2:00 pm, Tuesday, December 6, 2022**. Proposals received after this time will not be considered.

MANDATORY PRE-BID MEETING/WALK-THROUGH: There will be a mandatory pre-bid walkthrough for this project on **9:00 am, Tuesday, November 15, 2022**, at the project site: 6601 W. 2nd Street, Rio Linda, CA 95673.

AWARD OR REJECTION OF BIDS/ALTERNATES: The Contract, if awarded, will be awarded to the lowest responsible bidder. The lowest responsible bidder shall be determined based on the lowest base bid, including consideration of the prices on the additive or deductive items that are to be awarded and follow these instructions and the advertised Notice Inviting Bids. The competency and the responsibility of bidders and of their proposed subcontractors will be considered in making the award of the Contract.

Any bidder before being awarded a contract may be required to furnish evidence satisfactory to District that he/she and his/her proposed Contractors have sufficient means and experience in the type of work called for and to assure completion of the contract in a satisfactory manner.

- A. The District reserves the right to reject the bid of any bidder based on non-responsibility and/or who has previously failed to perform properly, contracts with the District. The District reserves the right to reject any or all bids or alternates and waive any informality or irregularity in the bids or in the bidding.

BONDS: The successful bidder shall furnish a Faithful Performance Bond and Payment Bond in the form set forth in the contract documents and included herewith.

EXECUTION OF CONTRACT: The successful bidder shall, within ten (10) calendar days of receiving a notification of award of the contract, sign and deliver to the District the executed contract and any required submittals. In the event the party to whom an award is made fails or refuses to execute the contract within ten (10) calendar days, the District may seek damages for breach of the contract and may award the contract to one of the other responsible parties.

WITHDRAWAL OF PROPOSAL: Proposals may be withdrawn by the bidder prior to the time fixed for opening of proposals. Thereafter the proposals may not be withdrawn for a period of sixty (60) days.

WORKER'S COMPENSATION: In accordance with the provisions of Section 3700 of the Labor Code, every Contractor is required to secure payment of compensation to his employees.

- A. Each Contractor to whom a public works contract is awarded is required to sign and file with the awarding body the following certification prior to performing the work of the contract, a copy of which is enclosed. This certification states,

"I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions".

COMPLIANCE WITH LAWS AND REGULATIONS: The successful bidder/Contractor shall comply with all laws and regulations governing Contractor's performance on a public project including, but not limited to, anti-discrimination laws, workers' compensation laws, prevailing wage laws set forth in Labor Code Section 1770 et seq., and licensing laws.

LICENSE INFORMATION: Each bidder shall list his/her license number, license type and expiration date. Each bidder must be a Contractor properly licensed to perform the work covered by the bid documents upon which it is bidding with an active license in good standing as of the date of receipt of bids. The license must be issued by the Contractors' State License Board (CSLB) of California and must be maintained in good standing throughout the term of the Contract.

- A. All subcontractors must be properly licensed by the CSLB to perform the work they will be undertaking and must maintain their licenses in good standing throughout the terms of the Contract.
- B. If two or more business entities submit a bid on a Project as a Joint Venture or expect to submit a bid as part of a Joint Venture, each entity within the Joint Venture must be properly licensed by the CSLB and the bid proposal must list each entities license number, license type and expiration date on the bid proposal.

NON-COLLUSION AFFIDAVIT: Bidders shall submit a completed non-collusion affidavit, in a form acceptable to District, a copy of which is attached hereto, with their bid.

CHILD SUPPORT COMPLIANCE: For every contract more than \$100,000.00, only the successful bidder will be required to acknowledge that he/she is aware of the State's policy regarding the importance of child and family support obligations and that to the best of his/her knowledge, he/she is fully complying with the earnings assignment order of all employees and providing the names of all new employees to the New Hire Registry maintained by the Employment Development Department. Bidders shall submit a completed child support compliance acknowledgment; form is included within this manual.

ESTIMATED QUANTITIES: If the Bidding Documents provide information concerning estimated quantities of work to be performed, the estimated quantities are approximate only, being given as a basis for the comparison of bids. District does not, expressly or by implication, agree that the actual amount of work will correspond with the estimate, and District reserves the right to increase or decrease the amount of any class or portion of the work, as may be deemed necessary or advisable by District, with no adjustment to the unit price except as expressly provided in the Contract Documents.

BID PROTEST PROCEDURE: Any protest relating to the form or content of the bidding or Contract Documents must be submitted in writing to District at least ten (10) business days before the original date set for bid opening in the Notice to Bidders. Any bidder who submits a bid shall be deemed to have waived any protest to the form or content of the bidding or Contract Documents.

- A. Any bid protest relating to the award of the Contract for the Project, other than a protest addressing the form or content of the bidding or Contract Documents, must be submitted in writing to District so that it is received by District before 5:00 p.m. on the third business day following the bid opening. Failure to deliver a written protest within the designated period shall constitute a waiver of the bidder's right to protest District's determination and intended action, whether administratively or through legal proceedings, and shall render District's action relative to the bids final, binding, and un-appealable by such bidder.
- B. The initial protest document shall contain a complete statement of the basis for the protest, including the legal and factual basis for the action requested. The protest shall refer to the specific portion(s) of the Contract Documents upon which the bidder relies in support of the protest and include as exhibits all documents relied upon in support of the protest. The protest shall include the name, address, telephone, and fax numbers of the protesting party and any person representing the protesting party.
- C. The party filing the protest shall concurrently transmit a copy of the initial protest document and any attached documentation or exhibits to all other known bidders at the address specified on District's plan holder list. The documents shall be transmitted by fax or overnight delivery service.
- D. The procedure and time limits set forth in this paragraph are mandatory and are the bidder's sole and exclusive remedy in the event of bid protest. Failure to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest, including filing a Government Code claim or legal proceedings.

CERTIFICATION OF ALL CLAIMS SUBMITTED/NOTIFICATION OF ENFORCEMENT OF FALSE CLAIMS ACT: The successful Bidder will be required to certify the accuracy of all claims submitted to the District, as part of the submission of such claim(s). Each claim must be accompanied by the following certification:

I have personal knowledge of the contents of the claim being submitted to the District. I have personal knowledge that the facts contained within this claim and any supporting documentation are true and/or I am informed and believe that they are true. I declare under

penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this _____ day of _____, 20__ in _____ California.

In addition, Contractor expressly acknowledges that it is aware of the provisions of the state and federal False Claims Act and is also aware that if a false claim is knowingly submitted (as the term "Claim" and "Knowingly" are defined in California Government Code Section 12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

The False claims listed in the California FCA are as follows:

- Knowingly presents or causes to be presented to an officer or an employee of the state or any political subdivision thereof, a false claim for payment or approval. (Cal. Government Code 12651(a)(1))
- Knowingly makes, uses, or causes to be made a false record or statement to get a false claim paid or approved by the state or by any political subdivision. (Cal. Government Code 1265(a)(2))
- Conspires to commit a violation of the False Claims Act. (Cal. Government Code 12651(a)(3))
- Has possession, custody, or control of public property or money used or to be used by the state or by any political subdivision and knowingly delivers or causes to be delivered less property than the amount for which the person receives a certificate or receipt. (Cal. Government Code 12651(a)(4))
- Is authorized to make or deliver a document certifying receipt of property used or to be used by the state or by any political subdivision and knowingly makes or delivers a receipt that falsely represents the property used or to be used. (Cal. Government Code 12651(a)(5))
- Knowingly buys or receives as a pledge of an obligation or debt, public property from any person who lawfully may not sell or pledge the property. (Cal. Government Code 12651(a)(6))
- Knowingly makes, uses, or causes to be made or used a false record or statement to conceal, avoid or decrease an obligation to pay or transmit money or property to the state or to any political subdivision. (Cal. Government Code 12651(a)(7))
- Is a beneficiary of an inadvertent submission of a false claim to the state or a political subdivision, subsequently discovers the falsity of the claim, and fails to disclose the false claim to the state or the political subdivision within a reasonable time after discovery of the false claim." (Cal. Government Code 12651(a)(8)) (Note: This places a burden on general Contractors to exercise due diligence in reviewing subcontractor claims before passing them through to the district. If a general Contractor passes through a claim and then later discovers that it is false, the general Contractor must notify the district and either withdraw the claim or be subject to false claims liability.)

For illustrative purposes only, the following may constitute a violation of the False Claims Act:

- Falsification of hours set forth in timecards;
- Overstating wage rates;
- Submitting billings for costs or services not actually incurred on the project;
- Altering invoices submitted by subcontractors or suppliers;
- Double billing for the same work;
- Colluding with third parties to submit overstated charges;
- Substitution of cheaper or substandard materials;
- Invoicing for unallowable costs;
- Submitting false subcontractor pass through claims;
- False certifications in any area required by contract, state, or federal law;
- Deductive change orders (reverse false claim);
- False certifications for equitable reimbursement of change orders;
- Misrepresenting that work meets contract requirements;

- Misrepresenting that Contractor is paying applicable prevailing wages;
- Misrepresenting that Contractor is paying all of its subcontractors appropriately;
- Misrepresenting that work is subject to reimbursement, etc.

INDEMNITY: The successful proposing party must hold harmless and fully indemnify the District, its Board of Directors, officers, employees, and agents from all damages or claims for damages, costs, or expenses that may at any time arise out of the party's performance of, or failure to perform, acts required by the contract documents.

INSPECTION OF SITE WORK: Contractors are required to inspect the site of the work in order to satisfy themselves, by personal examination or by such other means as they may prefer, of the location of the proposed work and the actual conditions of and at the site. Contractors may apply to RIO LINDA ELVERTA RECREATION and PARK DISTRICT for additional information and explanation before submitting bids. However, no supplemental information requested or furnished shall vary the terms of the Contract Documents or affect the Contractor's sole responsibility to satisfy him or herself as to the conditions of the work to be performed. No claim for additional compensation will be allowed which is based upon a lack of knowledge of the actual conditions or location of the work.

- A. Submission of a bid by a Contractor shall constitute acknowledgment that the Contractor has relied, and is relying, on its own examination of (a) the site of the work; (b) access to the site; (c) all other data, matters, and things requisite to the fulfillment of the work and, on their own knowledge of existing facilities on and in the vicinity of the site of the work and not on any representation or warranty of the lack of knowledge of the above items.

SUBCONTRACTOR LIST FORM

Each bidder shall list below the name and location of place of business for each Subcontractor who will perform a portion of the Contract work in an amount in excess of 1/2 of 1 percent of the total contract price. The nature of the work to be subcontracted shall also be described.

Name and Address	Portion of Work or Items to be Performed	License #	DIR #

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

(Date)

(Signature)

NOTE: THIS FORM MUST BE NOTARIZED.

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS that:
WHEREAS the Rio Linda Elverta Recreation and Park District (“District”) has issued an invitation for bids for the work described as follows:

WESTLAKE PARK IMPROVEMENTS

WHEREAS _____
(Name and address of Bidder)

(“Contractor”) desires to submit a bid to District for the work. WHEREAS, bidders are required under the provisions of the California Public Contract Code to furnish a form of bidder's security with their bid.

NOW, THEREFORE, we, the undersigned Contractor, as Principal, and

(Name and address of Surety)

(“Surety”) a duly admitted surety insurer under the laws of the State of California, as Surety, are held and firmly bound unto District in the penal sum of _____ Dollars (\$ _____), being not less than ten percent (10%) of the total bid price, in lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT, if the hereby bounded Contractor is awarded a contract for the work by District and, within the time and in the manner required by the bidding specifications, enters into the written form of contract included with bidding specifications, furnishes the required bonds, one to guarantee faithful performance and the other to guarantee payment for labor and materials, and furnishes the required insurance coverages, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect. In case suit is brought upon this bond, Surety further agrees to pay all court costs incurred by District in the suit and reasonable attorneys' fees in an amount fixed by the court. Surety hereby waives the provisions of California Civil Code § 2845.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hand and seals on this day:

Dated: _____

“Contractor”

“Surety”

(Seal)

(Seal)

Note: This bond must be dated, all signatures must be notarized, and evidence of the authority of any person signing as attorney-in-fact must be attached.

Section 2: General Requirements

GENERAL CONDITIONS

ACCEPTANCE OF NON-CONFORMING WORK: District reserves the right to accept non-conforming work, and in such case, acceptance of non-conforming work shall result in an equitable adjustment in the total contract price reflecting the reduced value of the non-conforming work as determined by agreement between District and Contractor.

REJECTION OF NON-CONFORMING WORK: The Contractor shall promptly correct all work rejected by the District as defective or failing to conform to the Contract Documents. The Contractor shall bear all costs of correcting such rejected work.

ADDITIONAL WORK: RIO LINDA ELVERTA RECREATION AND PARK DISTRICT has the authority to direct additional work including work for vandalism, RIO LINDA ELVERTA RECREATION AND PARK DISTRICT initiated improvements, and the addition of new sites. Additional work outside the Scope of Services will require written approval from RIO LINDA ELVERTA RECREATION AND PARK DISTRICT prior to the commencement of work. Costs for additional work completed by the Contractor prior to receiving written approval from RIO LINDA ELVERTA RECREATION AND PARK DISTRICT shall be the responsibility of the Contractor.

ACCIDENT PREVENTION: Caution shall always be exercised for the protection of persons (including employees) and property. The safety provisions of applicable laws, building and construction codes shall be observed. Machinery and equipment shall be guarded, and other hazards shall be eliminated in accordance with the safety provisions of the Construction Safety Orders issued by the Industrial Accident Commission of the State of California.

ARBITRATION: This contract is subject to Public Contracts Code §20104. Specifically, claims for three hundred and seventy-five thousand (\$375,000.00) dollars or less which arise between the Contractor and the District shall be resolved as follows:

- A. Definition: "Claim" means a separate demand by the Contractor for:
1. a time extension;
 2. payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for, or the claimant is not otherwise entitled to; or
 3. an amount the payment of which is disputed by the District.
- B. For any claim subject to this article, the following requirements apply:
1. The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. This provision shall not extend the time limit or otherwise supersede notice requirements set forth in other provisions of the contract documents.
 2. For claims of less than fifty thousand (\$50,000.00) dollars, the District shall respond in writing to any written claim within forty-five (45) days receipt of the claim or may request, in writing, within thirty (30) days of receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the District may have against the claimant. If additional information is thereafter required, it shall be requested and provided upon mutual agreement by the District

and the claimant. The District's written response to the claim, as further documented, shall be submitted to the claimant within fifteen (15) days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

3. For claims over fifty thousand (\$50,000.00) dollars and less than or equal to three hundred and seventy-five thousand (\$375,000.00) dollars, the District shall respond in writing to all written claims within sixty (60) days of receipt of the claim, or may request, in writing, within thirty (30) days receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the District may have against the claimant. If additional information is thereafter required, it shall be requested and provided upon mutual agreement of the District and the claimant. The District's written response to the claim as further documented shall be submitted to the claimant within thirty (30) days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.
4. If the claimant disputes the District's written response, or if the District fails to respond within the time prescribed, the claimant may so notify the District in writing either within fifteen (15) days of receipt of the District's response or within fifteen (15) days of the District's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the District shall schedule a meet and confer conference within thirty (30) days.
5. If, following the meet and confer conference, the claim or any portion remains in dispute, the claimant may file a claim pursuant to Government Code §900 et seq.
6. If claimant's claim is not resolved pursuant to his/her filing of the claim pursuant to Government Code §900 et seq., claimant may proceed with a civil action which shall be governed by the provisions of Public Contracts Code §20104.4. Specifically, the court will submit the matter to non-binding mediation unless the District and claimant waive non-binding mediation and thereafter, if the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure.

ASSIGNMENT: Neither party to the Contract shall assign the Contract without the written consent of the other, nor shall the Contractor assign any monies due or to become due to him/her hereunder, without the previous written consent of the District. Assignment of this contract or any part thereof without the prior written consent of the District shall constitute a material breach of this Agreement and entitle District to exercise any and all rights provided for by this Agreement or by law for such material breach.

ATTORNEYS' FEES: In the event of any action or proceeding, brought by any party against any other party pursuant to this Agreement, the prevailing party shall be entitled to recover all costs and expenses, including the actual fees of its attorneys, incurred for prosecution, defense, consultation or advice in such action or proceeding, not limited to but including cost of expert witnesses, attorney preparation, and cost of discovery and investigation. In awarding attorney fees, the court will not be bound by any court fee schedule but shall, if it is in the interest of justice to do so, award the full amount of cost, expenses, attorney fees paid or incurred in good faith. This provision shall not be applicable to the alternative dispute resolution set forth in Public Contracts Code §20104 et seq., until the case is assigned to judicial arbitration, by a court of competent jurisdiction or, if not assigned for judicial arbitration, when the case is heard before a court of competent jurisdiction.

AUDIT: District may always review, and audit Contractor's cost accounting records and other job records and Contractor will afford District reasonable facilities for such audits. Contractor shall preserve all job records for at least five (5) years after the completion of the project.

BINDING AGREEMENT: This Agreement, including all documents comprising the complete construction contract, shall be binding upon the District and Contractor and upon their successors and assigns and shall inure to the benefit of the District and Contractor and their successors and assigns.

COMPLIANCE WITH APPLICABLE LAWS: Prior to award of a contract resulting from this solicitation, the Contractor shall furnish, upon RIO LINDA ELVERTA RECREATION AND PARK DISTRICT's request, verification of payment to its employees California's prevailing wages as required by law. In addition, upon RIO LINDA ELVERTA RECREATION AND PARK DISTRICT's request, Contractor shall promptly furnish verification that its employees have legal rights to work in the United States of America and in the State of California.

BONDS: The Contractor shall furnish the District, within three (3) days after award of the Contract by the Governing Board and prior to execution of the Contract and the beginning of work, with the following separate surety bonds (in form set forth in these documents):

- A. Faithful Performance Bond: Said bond shall be in an amount equal to one hundred percent (100%) of the Contract price, shall be for the faithful performance of the Contract, shall be approved by the District, and shall be secured from an admitted surety or sureties satisfactory to District. An admitted surety is an insurance organization authorized by the Insurance Commissioner to transact surety business in the State of California during this calendar year.
- B. Payment Bond: Said bond shall be in an amount equal to one hundred percent (100%) of the Contract price, shall be approved by the District, and shall be secured from an admitted surety or sureties satisfactory to District. An admitted surety is an insurance organization authorized by the Insurance Commissioner to transact surety business in the State of California during this calendar year.

CHANGE ORDERS: District, without invalidating contract, and as provided by law, may order extra work, or make changes by altering, adding to, or deducting from work, contract sum being adjusted accordingly. All such work shall be executed under conditions of original contract. Contractor shall increase the amounts of his payment and performance bonds in proportion to any increase in price. In giving instructions, the District, shall have authority to make minor changes in work not involving change in cost and not inconsistent with purposes of building. Otherwise, except in an emergency endangering life or property, no extra work or change shall be made except in pursuance of a written change order from the District, and no claim for addition to contract sum shall be valid unless so ordered.

- A. All change orders shall be signed by District and the Contractor.
- B. Value of any such extra work, change, or deduction shall be determined at the sole discretion of the District in either of the two following ways set forth in subsection 10.6.a. or 10.6.b. Contractor understands and agrees that regardless of which process District elects to utilize that when submitting any change order proposal that such change order shall be broken down separately to itemize labor, by trade and hourly rate, for any trade performing work on the project and materials for any one activity. Contractor also understands and agrees that when submitting an itemized

change order proposal, the Contractor shall only be allowed to submit a cost proposal for labor that reflects the wage rates for the trade that is currently on file with the District at the time the change order proposal is submitted.

1. Acceptable lump sum proposal from Contractor properly itemized and supported by sufficient substantiating data to permit evaluation with a combined mark-up for all overhead and profit based on the formula set forth in section B. (5) of this Article. Contractor's written proposal must be broken down and submitted, in writing, in the format set forth in these documents.
2. Time and Material: "Force Account" for direct costs for labor, material, and equipment rental plus markups for overhead and profit for Prime Contract, Subcontractor, and Sub-subcontractors as applicable. (Supervision is to be included in markup unless specifically agreed to in advance that special supervision is required.)

Labor: Attach itemized direct hourly rates in accordance with certified payroll records times total hours expended. Separately show dollar amount for employer-paid payroll taxes/insurance benefits.

Enter Total as Direct Labor Item: _____

Material: Attach receipts, invoices or itemized quantity unit's costs plus tax and delivery.

Enter Total as Material Item: _____

Equipment: Attach receipts, invoices, or tear tickets indicating unit costs and total hours or loads charged. (Small tools with a value of less than \$500.00 are to be included in markup.)

Enter Total as Rental Item: _____

SUBTOTAL (Lines 1+2+3) _____

Combined Markup: FOR ALL OVERHEAD AND PROFIT SHALL BE BASED ON THE FOLLOWING:

- For the Prime Contractor, for work performed by his forces, fifteen (15%) percent of his direct subtotal cost. This fifteen (15%) markup represents payment for profit, overhead, insurance, taxes, indirect supervision, bonds, warranty, and any other costs incurred by Contractor in connection therewith.
- For the Prime Contractor, for work performed by a Subcontractor's forces, five (5%) percent of the direct subtotal cost due the Subcontractor, with no mark-up on mark-up. This five (5%) markup represents payment for profit, overhead, insurance, taxes, indirect supervision, bonds, warranty, and any other costs incurred by Contractor in connection therewith.
- For a Subcontractor or Sub-subcontractor, for work performed by their own forces, fifteen (15%) percent of their own direct subtotal costs. This fifteen (15%) markup represents payment for profit, overhead, insurance, taxes, indirect supervision, bonds, warranty, and any other costs incurred by sub-Contractor in connection therewith.
- For a Subcontractor, for work performed by a Sub-subcontractor, five (5%) percent of the direct subtotal cost due the Sub-subcontractor. This five (5%) markup represents payment for profit, overhead, insurance, taxes, indirect supervision, bonds, warranty, and any other costs incurred by Contractor in connection therewith.

SUBTOTAL (Lines 4+5) _____

TOTAL CHANGE ORDER REQUEST: _____

3. If the Contractor should claim that any instruction, request, drawing, specification, action, condition, omission, default or other situation obligates the District to pay additional compensation to the Contractor or to grant an extension of time for the completion of the contract, or constitutes a waiver of any provision in the contract, he shall notify the District, in writing, of such claim within ten (10) days from the date he has actual or constructive notice of the factual basis supporting the claim. The Contractor's failure to notify the District within such period shall be deemed a waiver and relinquishment of the claim against the District. If such notice be given within the specified time, the procedure shall be as stated above in this Article.
4. Contractor Initiated Change Orders: Contractor understands that with respect to Contractor initiated change orders, that Contractor shall be solely responsible for all costs associated with the review process.
5. Back Charge for Failure to Timely Submit Information for Proposed Change Orders: Contractor understands that it shall, within ten (10) calendar days of receipt of a demand by District, provide to District, in writing, an itemized list of all costs and/or credits (as applicable) for any Contractor initiated change orders. Contractor further understands that a failure to comply with this provision will result in the District obtaining the necessary information and back charging the Contractor for all costs incurred in having to take this action.
6. All costs for supervision shall be part of the Contractor's or subcontractor's overhead including, but not limited to, cost of bond, office/clerical support, home office overhead, administrative expenses, profit, overhead, insurance, taxes, indirect supervision, bonds, warranty, and any other costs incurred by Contractor in connection therewith.

CLEANUP:

- A. The Contractor shall protect and preserve any adjoining property of the District or others affected by the work of the Contractor.
- B. In the event work performed by the Contractor or any subcontractor creates dust or other airborne debris, Contractor shall provide daily "dust control" sufficient to prevent dust accumulation on grounds or buildings occupied or used by the public or district staff.

START OF CONTRACT TIME:

- A. A written Notice to Proceed (NTP) letter allows the Contractor to begin work. The NTP will be issued after the Contractor completes the following:
 1. Full executed and return the contract and bonds.
 2. Complete all insurance requirements.
 3. Prepare and submit documents for the pre-construction meeting in the time allowed.
 4. Attend the pre-construction meeting.

B. The Contractor's failure to complete the tasks necessary to be issued a NTP letter will not delay the start of contract time. Contract time will start as noted above regardless of when the NTP is issued. The Contractor is encouraged to be diligent in returning required documents so that the NTP is issued coincident, or prior to the start of contract time.

TIME OF COMPLETION: The work under this Contract shall be commenced upon written notice.

- A. The pre-purchased restroom building is scheduled to arrive on site approximately June 1st, 2023. The funding for the project has been secured through a State grant and the project must be finished by June 31st 2023. Liquidated damages will begin on July 1st 2023 unless the restroom building arrival is delayed.
- B. Upon award and executed contract, the Contractor shall purchase the shade shelter per specs. There is an approximate 4-month order time for shelter. County construction permits will be secured by the district and ready for the contractor to pick up at County offices by the time the NTP is issued. Approximately two months after award, the contractor will be issued a notice to proceed (NTP) which will allow on-site work to begin. Working days will commence on that date and will be **sixty (60) working days** from the NTP and end before July 1st, 2023. The work shall be completed during that time period.
- C. Failure to complete the work within the number of days stated in this article, including extension granted thereto as determined by the District, shall entitle the District to deduct from the monies due to the Contractor as "Liquidated Damages" (LDs) an amount equal to Fiver Hundred Dollars (\$500) for each calendar day or fraction thereof that expires after the time specified herein of the Contractor to complete the work and the facility or improvements are usable for its intended use. LDs shall apply cumulatively and shall be presumed to be damages suffered by the District resulting from delay in the completion of work.
- D. Liquidated Damages for delay in completion of work shall only cover administrative, overhead, general loss of public use damages, interest on bonds and lost revenues when applicable, suffered by the District as a result of delay. LDs shall not cover the cost to complete the work, damages resulting for defective work, costs of substitute facilities, or damages suffered by others who seek to recover their damages for the District (for example, delay claims from other contractors, subcontractors, tenants, or third-parties, and defense costs thereof).

CONTRACTOR'S SCHEDULE: The Contractor shall prepare and have accepted by the District a schedule for performing work. Submittal of a revised schedule will not supersede a previous schedule until it is accepted in writing by the District. The Contractor shall submit a general schedule five (5) working days prior to the pre-construction conference. This schedule shall contain general information for each phase of the project. The Contractor shall submit a more updated schedule as work progresses, when requested by the District.

COMPLIANCE WITH LAWS AND REGULATIONS: Contractor shall be familiar with, and comply with, the various federal, state, and local laws affecting public works, including but not limited to the following:

- A. Prevailing Wage Law: Pursuant to SB 854 Public Works requirements for Contractors and public agencies a) no Contractor or subcontractor may be listed on a bid proposal for a public works

project unless they are registered with the Department of Industrial Relations; b) no Contractor or subcontractor may be awarded a public works contract unless registered with the Department of Industrial Relations; and c) work performed on the project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

B. Permits and Licenses:

1. The Contractor shall obtain and keep current (including his/her Contractor's license) all permits and licenses that are required for the performance of his/hers work by all laws, ordinances, rules and regulations, or orders of any office and/or body lawfully empowered to make or issue the same.
2. In addition, Contractor shall obtain and keep current all permits, and licenses required for the work of improvement and pay all fees relating thereto, including, but not limited to, utility fees and shall provide the District with documentation of the actual costs expended by Contractor with regard to these items.
3. Sales and Payroll Taxes: Each Contractor, subcontractor and material supplier shall include all sales tax and payroll taxes required by law.
4. Responsibility for Compliance with CAL/OSHA:
 - a. All work, materials, work safety procedures and equipment shall be in full accordance with the latest Cal/OSHA rules and regulations.
 - b. Contractor warrants that he/she and each of his/her subcontractors shall, in performance of this Contract, comply with each and every compliance order issued pursuant to Cal/OSHA. The Contractor assumes full and total responsibility for compliance with Cal/OSHA standards by his/her subcontractors as well as himself/herself. The cost of complying with any compliance order and/or payment of any penalty assessed pursuant to Cal/OSHA shall be borne by the Contractor. Contractor shall defend, save, keep, and hold harmless the District, and all officers, employees, and agents thereof, from all liabilities, costs, or expenses, in law or in equity, that may at any time arise or be set up because of Contractor's or a subcontractor's non-compliance or alleged non-compliance with Cal/OSHA requirements. Nothing contained herein shall be deemed to prevent the Contractor and his/her subcontractors from otherwise allocating between themselves responsibility for compliance with Cal/OSHA requirements; provided, however, that the Contractor shall not thereby be, in any manner whatsoever, relieved of his/her responsibility to the District as hereinabove set forth.
5. Apprentices: Contractor agrees to be bound by and comply with the provisions of Sections 1777.5 et seq. of the Labor code in respect to apprentices.
6. Hours of Work: The Contractor shall be allowed to work on the site from 7:00AM until 6:00PM Monday through Friday. Any request for changes to work hours shall be addressed in writing to the Project Manager. Contractor understands that the Project may dictate a non-standard work week, and if required the Project schedule and the scheduling of employees or subcontractors should be adjusted to provide for scheduled work during the non-standard work week schedule, without the incurrence of any additional charges, such as over-time, et cetera.
7. Codes and Regulations: All work and materials shall be in full accord with the latest codes, rules, and regulations, including but not limited to the following:

Rules of Local Utilities
Calif. Electrical Code

National Board of Fire Underwriters &/or State or local Fire Marshall Requirements
State Codes and Ordinances
State Industrial Accident Commission's Safety Orders
Calif. Plumbing Code
Calif. Building Code

Contractor shall hold the District harmless for Contractor's failure to comply with any law or regulation affecting Contractor's performance on this project. Certain provisions are set forth herein however, the existence of these provisions does not excuse the Contractor from complying with other statutory requirements or provisions which are not set forth in these contract documents and it is Contractor's responsibility to be, or become familiar with the various federal, state, and local laws which govern Contractor's performance.

CONCEALED CONDITIONS: Contractor has examined the job site, the contract documents, and the applicable building codes, laws, and regulations that govern the conduct of the work and has made such investigation as he/she deems appropriate and therefore assumes all risk and expense in dealing with subsequently discovered concealed conditions that could have been discovered through reasonable and diligent inspection and investigation. In the event Contractor encounters rock, ground water, underground structures, or utilities or other underground or concealed conditions or any hazardous material or condition in the site or existing structures if any, unknown to Contractor, Contractor shall immediately notify District of such condition in writing. Contractor shall discontinue any work affected by the concealed conditions, shall immediately cover, barricade, and protect the subject area and shall obtain further direction from District prior to continuing any work affected by the discovered condition. Should Contractor, his/her subcontractors, or officers, agents or employees proceed without further direction from the District, Contractor does so at his/her own risk and expense.

CONDUCT OF WORK: The Contractor shall permit the District to do other work in connection with the project by contract or otherwise, and Contractor shall always conduct his/her work so as not to impose hardship on the District or others engaged in the work. Contractor shall adjust, correct, and coordinate his/her work with the work of others so that no discrepancies shall result in the whole work.

CONVICT MADE MATERIALS: No materials manufactured or produced in a penal or correctional institution shall be incorporated in the project under this Contract, except as permitted by California law.

DEFINITIONS:

- A. Action of the Board of Directors is a vote of a majority of the District's governing board.
- B. Addenda are the changes in specifications, drawings, contract documents, and plans which have been authorized in writing by the Construction Manager, District or Architect, and which alter, explain, or clarify the contract documents. Addenda shall govern over all other Contract Documents. Subsequent addenda issued shall govern over prior addenda unless otherwise specified in the addenda.
- C. Approval means written authorization through action of the governing board. The board has delegated to the District Administrator the authority to approve certain modifications and Construction Change Directives.
- D. The Contract Documents The Contract Documents consist of the Agreement between District and Contractor (hereinafter the Agreement or Contract), Conditions of the contract (General, Supplementary and other Conditions), Maps, Specifications, Addenda issued prior to bid,

instructions to bidders, invitation to bidders, and the requirements contained in the Bid Documents, other documents listed in the Agreement, and Modifications issued after execution of the Contract. A Modification is a written amendment to the Contract signed by both parties, a Change Order, or a written order for a minor change in the Work issued by the District. The Contract Documents collectively form the Contract. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. The Contract may be amended or modified only by a written Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind between the District and any Subcontractor or Sub-Subcontractor, or between any persons or entities other than the District and the Contractor.

- E. Inspector is the individual retained by the District to inspect the work for compliance with plans, specifications, laws, and regulations.
- F. The Drawings are graphic and pictorial portions of the Contract Documents prepared for the Project and approved changes thereto, where located and whenever issued, showing location, and scope of work.
- G. Emergency shall be defined as a sudden, unexpected occurrence, involving a clear and imminent danger, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, or essential public services. Emergency includes such occurrences as fire, flood, earthquake, or other soil or geologic movements, as well as such occurrences as riot, accident, or sabotage.
- H. The Project is the complete Work performed in accordance with these Contract Documents.
- I. Project Manual is the volume assembled for the Work which may include, without limitation, the bidding requirements, sample forms, Conditions of the Contract, and Specifications.
- J. Safety Orders are those issued by any cognizant city, county, state, or federal agency.

DEFERRED APPROVALS: Contract Documents which require deferred approval items are meant to be for illustration purposes only. Contractor is responsible for all deferred approval requirements set forth in the Contract Documents. Contractor is responsible to comply with all laws, building codes, and regulations necessary to obtain all necessary approvals. Contractor shall not be granted an extension of time for failure to obtain necessary approvals due to failure to comply with laws, building codes, and other regulations.

Contractor shall schedule all deferred approval items in its progress schedule pursuant to Article 37. If Contractor fails to include deferred-approval items in its schedule which results in a critical path delay, then Contractor shall be subject to the assessment of liquidated damages.

DISTRICT'S REMEDIES FOR DEFECTIVE CONSTRUCTION AND/OR DEFICIENT PERFORMANCE: In addition to any other remedy afforded to District by law, the District, may exercise, at its option, any remedy, or combination thereof, set forth herein as follows:

- A. Faulty Labor and Materials:
 - 1. No provision in the Contract documents shall relieve the Contractor of responsibility for faulty materials or workmanship, and unless otherwise specified, he/she shall remedy any defects due

thereto and pay for any damages to other work, resulting therefrom which shall appear within the warranty period.

2. If it is necessary in order to protect persons or property or, in the alternative, if the District deems it expedient to correct work damaged or not done in accordance with the contract, District may correct said work and deduct from monies otherwise due Contractor, a sum sufficient to compensate District for correction of the damage or improperly installed work.

B. Condemned Materials:

1. The Contractor shall promptly remove from the premises all work condemned by the Inspector as failing to conform to the Contract, whether incorporated or not, and the Contractor shall promptly replace and re-execute the work in accordance with the Contract and without expense to the District and shall bear the expense of making good all work of other Contractors destroyed or damaged by such removal or replacement.
2. If the Contractor does not remove such condemned work within a reasonable time, fixed by written notice, the District may remove it and may store the material at the expense of the Contractor. If the Contractor does not pay the expense of such removal within ten (10) days thereafter, the District may, upon ten (10) days written notice, sell such materials at auction or at private sale and shall account for the net proceeds thereof, after deducting all the costs and expenses that should have been borne by the Contractor. In the event the net proceeds are not sufficient to compensate for the costs and expenses that should have been borne by Contractor, District may deduct from monies otherwise due Contractor a sum sufficient to compensate for the costs and expenses that should have been borne by the Contractor.

- C. The District's Right to Perform Work:** If the Contractor neglects to execute the work properly or fails to perform any provision of, or fails to correct work in accordance with the contract documents, the District, by written order, may order the Contractor to stop the work or any portion thereof, until the cause for such order has been eliminated; however, if Contractor fails to correct the cause, or fails to make satisfactory arrangements with the District to correct the cause for the order within seven (7) calendar days of the written order, the District may, without prejudice to any other remedy District may have, correct such deficiencies or causes for said order and may deduct the cost thereof from the payment then or thereafter due the Contract. The right of the District to stop work shall not give rise to a duty on the part of the District to exercise its right for the benefit of the Contractor or for any other person or entity and in times of such work stoppage, Contractor shall be responsible for continuing job safety and job security.

D. Termination of Contract:

1. If the Contractor refuses or fails to execute the work or any separable part thereof with such diligence that will ensure its completion within the time specified, or any extension thereof, or fails to complete said work within such time, or withholds, or threatens to withhold continued work regardless of the reason for same, or if the Contractor should be adjudged bankrupt or if he/she makes a general assignment for the benefit for his/her creditors, or if he/she shall make an assignment for any other reason without the express written consent of the District, or if a receiver should be appointed on account of Contractor's insolvency or if Contractor refuses or fails, except in cases for which an extension of time is provided, to supply enough properly skilled workers or proper material to complete the work at the time specified, or if Contractor fails to make prompt payment to subcontractors or for material or labor, or disregards laws, ordinances, or instructions of District, District's inspector, or if Contractor or any of his/her

subcontractors should otherwise violate a provision of the contract, or if Contractor or any of his/hers subcontractors should perform work in a negligent or dangerous manner, or install or construct any portion thereof so that the work does not comply with the drawings and specifications, including any amendments thereto, or does not meet generally recognized industry standards for workmanlike quality, District may, without prejudice to any other rights or remedy, serve written notice upon Contractor of District's intention to terminate Contractor's control over the project, terminate Contractor's right to complete the contract or terminate this contract. Such notice shall contain the reasons for such intention to terminate, and Contractor shall immediately cease all violations of the terms of this contract, ordinances, or laws and shall correct to the District's satisfaction, or make satisfactory arrangements to correct to District's satisfaction, within seven (7) days, from the date of said notice, all deficient conditions. If Contractor, after proper notice, fails to cease and desist or fails to cure deficiencies within the said seven (7) day period, District may terminate Contractor's control over the project, terminate Contractor's right to complete the contract or terminate this agreement by written notice to Contractor, said termination shall be effective upon delivery of written notice to Contractor, his/her officers, agents or employees, or notice by certified mail to Contractor's business address. Thereafter, District may exercise all remedies as provided for in this agreement or by law.

2. In the case of termination, Contractor shall not be entitled to receive any further payment until the project is completed. In the event of termination, District shall immediately serve written notice thereof upon the Surety consistent with the terms and conditions set forth in the performance bond incorporated within these contract documents. Surety shall not be entitled to reappoint or contract with Contractor to complete this project without the express written consent of the District. Upon termination, Contractor shall be ejected from the project and District may without liability for so doing, take possession of and utilize in completing the work, such materials, appliances, plant, and other property belonging to Contractor as may be on the site of the work and necessary, therefore.
3. If the unpaid balance of the contract price exceeds the expense of finishing the work, including compensation to District for additional managerial, legal, and administrative services, such excess shall be paid to Contractor. If such expense shall exceed such unpaid balance, Contractor shall pay the difference to the District. Notwithstanding the foregoing provision, this contract may not be terminated or modified where a trustee in bankruptcy has assumed the contract pursuant to 11 U.S.C., Section 365 of the Federal Bankruptcy Act.

E. Additional Remedies: The foregoing provisions are in addition to and not in limitation of any other rights and remedies available to the District. The District may, at any time Contractor's performance or any subcontractor's performance is such to call into question Contractor's or the subcontractor's ability or capacity to properly, and in good workmanlike manner, perform his/her obligations in accordance with the plans and specifications and within the stated time for completion, demand assurances from the Contractor in any form acceptable to District (i.e., additional bond, written addendum, modification of the contract, additional staffing, etc.) and Contractor's failure to provide adequate assurance shall constitute a material breach of the contract and the District may suspend its performance and exercise any other right or remedy provided within the contract documents or by law.

F. Termination by the District for Convenience:

1. The District may terminate the performance of Work under this Contract in accordance with this clause in whole, or from time to time in part, whenever the District shall determine that such termination is in the best interest of the District. Any such termination shall be affected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of the Work under the contract is terminated, and the date upon which such termination becomes effective. After receipt of a Notice of Termination, and except as otherwise directed by the District, the Contractor shall:
 - a. Stop Work under the contract on the date and to the extent specified in the Notice of Termination;
 - b. Place no further orders or subcontracts for materials, services, or facilities except as necessary to complete the portion of the Work under the contract which is not terminated;
 - c. Terminate all orders and subcontracts to the extent that they relate to the performance of the Work terminated by the Notice of Termination;
 - d. Assign to the District, in the manner and at the times, and to the extent directed by the District, all the right, title and interest of the Contractor under the orders and subcontracts so terminated. The District shall have the right, in its discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts.
 - e. Settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts with the approval or ratification of the District, in writing, and to the extent it may require. Its approval or ratification shall be final for all the purposes of this clause;
 - f. Transfer title to the District, and deliver in the manner, at the times, and the extent, if any, directed by the District, (a) the fabricated and unfabricated parts, Work in process, completed Work, supplies and other material produced as a part of, or acquired in connection with the performance of, the Work terminated by the Notice of Termination; and (b) the completed or partially completed drawings, information and other property which, if the contract had been completed, would have been required to be furnished to the District;
 - g. Use its best efforts to sell, in the manner, at the times, to the extent, and at the prices or prices that the District directs or authorizes, any property of the types previously referred to herein, but the Contractor (a) shall not be required to extend credit to any purchaser; and (b) may acquire such property under the conditions and at a price or prices approved by the District. The proceeds of any such transfer or disposition shall be applied in reduction of any payments to be made by the District to the Contractor under this contract or shall otherwise be credited to the price or cost of the Work covered by this contract or paid in such other manner as the District may direct;
 - h. Complete performance of such part of the Work as shall not have been terminated by the Notice of Termination; and
 - i. Take such action as may be necessary, or as the District may direct, for the protection and preservation of the property related to this contract which is in the possession of the Contractor and in which the District has or may acquire an interest.
2. After receipt of a Notice of Termination, the Contractor shall submit to the District its termination claim, in the form and with the certification the District prescribes. Such claim shall be submitted promptly but in no event later than one (1) year from the effective date of termination, unless one or more extensions in writing are granted by the District upon request of the Contractor made in writing within such 1-year period or authorized extensions. However, if the District determines that the facts justify such action, it may receive and act upon any such termination claim at any time after such 1-year period or extension. If the Contractor fails to submit his/her/its termination claim within the time allowed, the District may determine, based on information available to the

District, the amount, if any, due to the Contractor because of the termination. The District shall then pay to the Contractor the amount so determined.

3. Subject to the previous provisions, the Contractor and the District may agree upon the whole or any part of the amount or amounts to be paid to the Contractor because of the total or partial termination of the Work under this Paragraph. The amount or amounts may not include profit on Work not performed to date but may include profit on Work completed up to the time of Notice of Termination. However, such agreed amount or amounts, exclusive of settlement costs, shall not exceed the total contract price as reduced by the amount of payments otherwise made and as further reduced by the contract price of Work not terminated. The contract shall be amended accordingly, and the Contractor shall be paid the agreed upon amount.
4. If the Contractor and District fail to agree, as the previous subparagraph provides, on the whole amount to be paid to the Contractor because of the termination of Work hereunder, the District shall determine, based on information available to the District, the amount, if any, due to the Contractor by the reason of the termination and shall pay to the Contractor the amounts determined as follows:
 - a. For all Contract Work performed before effective date of Notice of Termination, the total (without duplication of any items) of:
 - The cost of such Work;
 - The cost of settling and paying claims arising out of the termination of Work under subcontractors or orders as previously provided. This cost is exclusive of the amounts paid or payable because supplies or materials delivered, or services furnished by the Contractor before the effective date of the Notice of Termination. These amounts shall be included in the cost because which payment is made for the cost of Work previously provided; and
 - A sum, as profit on the cost of the Work completed to the time of receipt of the Notice of Termination, that the District determines to be fair and reasonable. But, if it appears that the Contractor would have sustained a loss on the entire Contract had it been completed, no profit shall be included or allowed, and an appropriate adjustment shall be made reducing the amount of the settlement to reflect the indicated rate of loss; and
 - b. The reasonable cost of the preservation and protection of property incurred as previously provided. The total sum to be paid to the Contractor shall not exceed the total Contract price as reduced by the amount of payments otherwise made and as further reduced by the Contract Price of Work not terminated. Except for normal spoilage, and except to the extent that the District shall have otherwise expressly assumed the risk of loss, there shall be excluded from the amounts payable to the Contractor the fair value, as determined by the District, of property which is destroyed, lost or stolen or damaged to the extent that it is undeliverable to the District, or to a buyer as previously provided.
5. The Contractor shall have the right to dispute as provided hereinafter in the subparagraph entitled "remedies" from any determination the District makes under the previous subparagraphs. But, if the Contractor has failed to submit its claim within the time provided and has failed to request an extension of such time, it shall have no such right of appeal. In any case where the District has determined the amount owed, the District shall pay to the Contractor the following:
 - a. If there is no right of appeal hereunder or if timely appeal has been taken, the amount so determination by the District; or
 - b. If a "remedies" proceeding is initiated, the amount finally determined in such "remedies" proceeding.
6. In arriving at the amount due the Contractor under this clause there shall be deducted:
 - a. All unliquidated advance or other payments on account theretofore made to the Contractor, applicable to the terminated portion of the contract.

- b. Any claim which the District may have against the Contractor about the Work; and
 - c. The agreed price for, or the proceeds of sale of, any materials, supplies or other things kept by the Contractor or sold under the provisions of this clause and not otherwise recovered by or credited to the District.
7. If the termination hereunder be partial, before the settlement of the terminated portion of this contract, the Contractor may file with the District a request in writing for an equitable adjustment of the price or prices specified in the contract relating to the continued portion of the contract. Such equitable adjustment as may be agreed upon shall be made in the price or prices. Nothing contained herein shall limit the right of the District and the Contractor to agree upon the amount or amounts to be paid to the continued portion of the contract when the contract does not contain an establishes contract price for the continued portion.
8. Remedies: All claims, counterclaims, disputes, and other matters in question between the District and Contract arising out of or relating to this Contract or its breach will be decided by way of arbitration as set forth herein or in a court of competent jurisdiction within the State of California.
9. The Contractor understands and agrees that the forgoing termination of Contract for convenience provisions shall be interpreted and enforced pursuant to cases interpreting and enforcing similar provisions in federal procurement contracts.

INDEPENDENT CONTRACTOR: Contractor and District agree that there is no agency or employment relationship between District and Contractor, or any of Contractor's officers, agents or employees or subcontractors and that Contractor in performing its contractual obligations acts entirely as an independent Contractor.

INSPECTION BY DISTRICT: The Contractor shall always maintain proper facilities and provide safe access for inspection by the District to all parts of the work. Where the Specifications require work to be specially tested or approved, it shall not be tested or covered up without timely notice to the District of its readiness for inspection and without the approval thereof or consent thereto by the latter. Should any such work be covered up without such notice, approval, or consent, it must, if required by District, be uncovered at Contractor's expense for examination. Contractor shall pay for any necessary retesting and/or re-inspection required because of work that fails to comply with the requirements of the contract documents.

INSURANCE: The Contractor shall not commence work under this Contract until he/she has obtained all insurance required by these General Conditions and which insurance has been approved by the District and copies of certificates of such insurance are filed with the District. The Contractor shall not allow any subcontractor to commence work on a subcontract until such insurance has been obtained. Three (3) copies of insurance certificates evidencing the required coverage shall be furnished to the District. Certificates of insurance must indicate that the coverage cannot be reduced or canceled until THIRTY (30) days written notice has been furnished District. Such insurance shall name District, its officers, agents, and employees as additional insured. Contractor's liability insurance policy shall be endorsed as primary insurance.

- A. Liability Insurance: The Contractor shall carry Bodily Injury Liability Insurance in an amount not less than \$2,000,000 combined single limit, per occurrence, \$4,000,000 aggregate. Contractor shall carry Automobile Liability Insurance in an amount not less than \$1,000,000. Contractor's insurance

SHALL BE ENDORSED AS PRIMARY. **District, its officers, agents, and employees shall be named as ADDITIONAL INSUREDS.**

- B. Workers' Compensation Insurance: The Contractor shall comply with the Workers' Compensation Insurance requirements of the State of California. The Contractor shall take out and maintain during the life of this Contract, Workers' Compensation Insurance and Employer's Liability Insurance for all his/her employees employed at the site of the project and, in case any work is sublet, the Contractor shall require all subcontractors to provide Workers' Compensation Insurance and Employer's Liability Insurance for all the latter's employees unless such employees are covered by protection afforded by the Contractor. In signing this Contract, the Contractor makes the following certification:

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

1. All policies and certificates of insurance of the Contractor shall contain the following clauses:
 - a. Insurers have no right of recovery or subrogation against the District (including its agents and agencies as aforesaid), it being the intention of the parties that the insurance policies so affected shall protect both parties and be the primary coverage for all losses covered by the above-described insurance.
 - b. The clause "other insurance provisions" in a policy in which the District is named as an insured, shall not apply to the District.
 - c. The insurance companies issuing the policy or policies shall have no recourse against the District (including its agents and agencies as aforesaid) for payment of any premiums or for assessments under any form of policy.
 - d. All deductibles in the above described insurance policies shall be assumed by and be the account of the Contractor.

C. Indemnification:

1. Contractor will indemnify and hold harmless Rio Linda Elverta Recreation and Park District, its Board of Directors, and its officers, agents, and employees from and against all claims, damages, losses, demands, liability, costs and expenses including attorney fees arising out of or resulting from the performance of this Contract or the prosecution of work under it, whether such claims, damages, losses, demands, liabilities, costs and expenses are caused by the Contractor, Contractor's agents, servants or employees or subcontractors employed on the project, the agents, servants or employees or any person or persons or products installed on the project by the Contractor or subcontractors.
2. Contractor at his/her own expense and risk shall defend all actions, suites, or other legal proceedings that may be brought or instituted against Rio Linda Elverta Recreation and Park District, the members of its governing body, its officers, agents, employees, or any such claims, damages, losses, demands, liabilities, costs, or expenses.
3. The indemnification obligations hereunder shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractors under workers' compensation acts, disability benefit acts or other employee benefits acts.

4. This indemnification provision shall be applicable to any infringement or alleged infringement of the patent rights of any person or persons, firm or corporation in consequence of the use thereof by the Contractor. Notwithstanding any of the above, the Contractor shall whenever it is necessary keep and maintain at his/her sole cost and expense during his/her operations under this Contract such warnings, signs, and barriers as may be required to protect the public. The provisions of the preceding sentence shall not impose any liability upon Rio Linda Elverta Recreation and Park District or the members of the Rio Linda Elverta Recreation and Park District governing body or the officers, agents, and employees of either of them.
5. This indemnification provision shall also extend to claims, damages, losses, demands, liabilities, costs and expenses for injury, harm, or damages occurring after completion of the project as well as during the work's progress. In each instance in which the Contract is required to indemnify or hold the District harmless, that obligation includes the obligation to defend the District.

MANUFACTURER'S MAINTENANCE INSTRUCTIONS, MANUAL AND WARRANTIES:

Notwithstanding Contractor's warranties as identified in these contract documents, Contractor shall provide to District all relevant manuals, instructions, and manufacturer warranties for all equipment. In addition, Contractor, or his/her manufacturer, representative or other agent shall provide District designee(s) with initial, basic instruction in the operation of any installed equipment/system(s).

MATERIALS: Materials shall be new and of quality equal to that specified. When not particularly specified, materials shall be the best of their class or kind. The Contractor shall, if required, submit satisfactory evidence as to the kind and quality of material. Price, fitness, and quality being equal, preference shall be given to products made in California. If a conflict(s) exists in the drawings or specifications regarding the type, kind, or quality of materials to be used, the conflict shall be resolved in favor of using the superior type, kind, or quality material unless use of the inferior type, kind or quality of material is authorized in writing by the District.

MODIFICATION: The contract, including all contract documents therein, may be modified by mutual consent and in writing only.

NOTICE AND SERVICE THEREOF: Any notice from one party to the other under the Contract shall be in writing and shall be dated and signed by the party giving such notice or by a duly authorized representative of such party. Any such notice shall not be effective for any purpose whatsoever unless served in the following manner, (a) if the notice is given to the District, by personal delivery thereof to the Facility Planner of said District, or by depositing the same in the United States mail, enclosed in a sealed envelope, addressed to the District, postage prepaid and registered; (b) If the notice is given to the Contractor, by personal delivery thereof to said Contractor or to his/her duly authorized representative at the site of the project, or by depositing the same in the United States mail, enclosed in a sealed envelope, addressed to Contractors business address, postage prepaid and registered; and (c) if the notice is given to the surety or any other person, by personal delivery to such surety or other person, or by depositing same in the United States mail, enclosed in a sealed envelope, postage prepaid and registered.

OVERLOADING: If the Contractor shall cause, permit, or allow any part of the landscape to be overloaded by storing, piling or setting thereon any material or equipment, or by performing thereon any of his/her work, he/she shall do so at his/her sole risk, and he/she shall be solely responsible for all loss, damage, and/or injury arising or resulting therefrom. All materials brought onto the site shall be stacked up in an orderly manner in a designated area not in conflict with the area where work is being performed.

PAYMENT/INVOICING: Contractor understands and agrees that all invoices must be submitted in the required format. A sample invoice is included in this project manual. Monthly invoices shall include: 1) certified payroll 3) weekly reports 4) approved change orders (if applicable).

- A. Inspector's Confirmation: All estimates of work performed during the preceding calendar month and all requests for payment thereof or for partial payment because equipment delivered but not installed, as herein provided for, shall be certified by the Inspector. If errors are found in a request for payment, the errors shall be corrected by the Contractor, and the request resubmitted to the Inspector for approval, bearing the date of same as corrected.

- B. Stop Notices: District shall withhold, from the next following payment to Contractor, 150% of any amount claimed in a stop notice timely filed with the District. Amounts withheld shall only be paid upon a valid release of stop notice or other resolution pursuant to governing law. Disputes regarding the validity of stop notices shall be resolved pursuant to governing law and shall not be subject to the dispute resolution provisions set forth in Public Contracts Code Section 20104 and these contract documents. Neither the final payment nor any part of the retained percentage shall become due until the Contractor delivers to the District a complete release of all stop notices arising out of this Contract, but the Contractor may, if any subcontractor refuses to furnish a release, furnish a bond satisfactory to the District, to indemnify District against any stop notice.

Contractor understands and acknowledges that public property may not be liened but that a subcontractor may file a stop notice with the District. Contractor shall inform all subcontractors regarding the invalidity of liens on public property and in the event a subcontractor erroneously records a lien against public property, Contractor shall remove or bear the expense incurred by District in removing the invalid lien, including all costs and reasonable attorney fees.

- C. Payments Withheld: The District may withhold or, because subsequently discovered evidence, nullify the whole or a part of any certificate of payment to such extent as may be necessary to protect the District from loss because:
 - 1. Defective work not remedied;
 - a. Payment for defective work shall not be made unless and until Contractor provides written notice from its surety that surety waives the right to claim exoneration based on payment for defective work.
 - 2. Claims filed or reasonable evidence indicating probable filing of claims;
 - 3. Failure of the Contractor to make payments properly to subcontractors or for material or labor;
 - 4. Conditions indicating that the Contract cannot be completed for the balance then unpaid;
 - 5. Damage to another Contractor.
 - 6. Delays in progress toward completion of the work, with the stipulated amount of liquidated damages being withheld for each day of delay for which no extension is granted.

PRE-CONSTRUCTION MEETING: Prior to start of construction a meeting will be called for reviewing the scope of work with the Contractor's representative. At the meeting, detailed program, sequence of work, and methods of access shall be reviewed. Representatives of the District and Contractor shall be named, and District will establish requirements for request of payments, procedures for correspondence, etc.

PROTECTION OF WORK AND PROPERTY: The Contractor shall continuously maintain adequate protection of all his/her work from damage and shall protect the District's property from injury or loss arising about this Contract. Contractor shall make good any such damage, injury, or loss, except such as may be directly due to errors in the Contract documents or caused by agents or employees of the District. Contractor shall adequately protect adjacent property as provided by law and the Contract documents.

QUALIFICATIONS FOR EMPLOYMENT:

- A. No person under the age of 16 years of age and no person currently serving sentence in a penal or correctional institution shall be employed to perform any work under this Contract, unless, under the discretion of District, the safety of facility users is protected by one or more of the following methods:
 - 1. The installation of a physical barrier at the worksite to limit contact with community users of District facilities.
 - 2. Continual supervision and monitoring of all employees of the entity by an employee of the entity whom the Department of Justice has ascertained has not been convicted of a violent or serious felony.
 - 3. Surveillance of employees of the entity by District personnel.

- B. No person whose age or physical condition is such to make his/her employment dangerous to his/her health or safety or to the health or safety of others shall be employed to perform work under this Contract; provided that this sentence shall not operate against any physically handicapped person otherwise employable where such persons may be safely assigned to work which they can ably perform.

SEPARATE CONTRACTS: The District reserves the right to let other contracts in connection with the work including, but not limited to, work covered by a proposed change order that is not acceptable to the District. The Contractor shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate his/her work with theirs.

SEVERABILITY: In the event any provision(s) of the contract documents is deemed to be invalid or unenforceable, that (those) provision(s) shall be severable from the remainder of the contract documents and shall not cause the invalidity or unenforceability of the remainder of the contract.

SUBCONTRACTORS:

- A. The Contractor agrees that he/she is as fully responsible to the District for the acts and omissions of his/her subcontractors and of persons either directly or indirectly employed by them, as he/she is for the acts and omissions of persons directly employed by him. Nothing contained in the Contract documents shall create any contractual (including third party beneficiary) relation between any subcontractor and District.

1. A subcontractor is a person or organization who has a direct contract with the Contractor to perform any of the work at the site. Subcontractor shall be listed in the Bid Proposal according to the instructions contained therein.
2. The Contractor agrees to bind every subcontractor to the terms of this contract, including the General Conditions, the Maps and Technical Specifications as far as applicable to the Contractor's work.

The following provisions shall be included in the Contractor's contracts with his/her subcontractors, unless specifically noted to the contrary in a subcontract approved in writing as adequate by the District.

The subcontractor agrees:

- To be bound to the Contractor by the terms of the Agreement, General Conditions, Maps, and Specifications, and to assume toward him/her all the obligations and responsibilities that he/she, by those documents, assumes toward the District.
 - To submit to the Contractor, applications for payment, in such reasonable time as to enable the Contractor to apply for payment under terms of the General Conditions.
 - To make all claims for extras, for extensions of time and for damages to the Contractor in the manner provided in the contract documents for claims by the Contractor upon the District.
- B. Contractor shall hold District harmless and defend and indemnify District from damages, if any, incurred as a result of Contractor's failure to include the required conditions in Contractor's subcontracts.
- C. Contractor shall:
1. Pay the subcontractor, upon the payment of certificates, the amount allowed to the Contractor because the subcontractor's work to the extent of the subcontractor's interest therein.
 2. Pay the subcontractor to such extent as may be provided by the Contract documents or the subcontract, if either of these provides for earlier or larger payments than the above.
- D. Pursuant to the provisions of Sections 4100 et seq., of the Public Contracts Code of the State of California, the Contractor shall not without the consent of the District, either:
1. Substitute any persons as subcontractors in place of the subcontractors designated in his/her original bid.
 2. Permit any subcontractor to be assigned or transferred or allow any work to be performed by anyone other than the original subcontractor listed in his/her bid.
 3. Other than in the performance of change orders, sublet or subcontract any portion of the work more than one-half of one percent of his/her bid for which his/her original bid did not designate a subcontractor.
 4. Contractor's violation of any of the provisions of sections 4100 et seq., of the Public Contracts Code, shall be deemed a material breach of this Contract, and the District may terminate the Contract, or may assess the Contractor a penalty in the amount of not more than ten percent (10%) of the amount of the subcontract involved, or may both cancel the Contract and assess the penalty.

CONTRACTOR STAFF: Contractor shall keep a full-time Project Manager physically on each project site always that work is being performed on the project and shall keep during the progress of the project any necessary assistants to the Project Manager. Contractor understands and agrees that the project manager and/or foreman cannot be removed from any assigned project, without the express written consent of the District, which District agrees shall not be unreasonably withheld. Contractor understands, however, that District will not approve any substitution if the basis of such request is to merely assign these employees to other Projects being maintained by Contractor before the completion of the Project that is the subject of this Contract.

- A. The Project Manager shall represent the Contractor in his/her absence and all directions given to him/her shall be as binding as if given to the Contractor.
- B. The Contractor shall give efficient supervision to the work, using his/her best skill and attention. Contractor shall carefully study and compare all maps, specifications and other instructions and shall at once report to the District any error, inconsistency, or omission which he/she may discover but he/she shall not be held responsible for their existence or discovery, unless there is a situation in which interpretation is doubtful or the error is sufficiently apparent as to place a reasonably prudent Contractor on notice that an error exists.
- C. Any time Contractor's personnel or personnel of subcontractors or material suppliers are on the project site, Contractor shall have a designated person on site to be responsible for the work.
- D. Contractor understands that is it solely responsible for giving directions to its subcontractors and/or responding to any requests for information from its subcontractors. Contractor also understands that it shall be its sole responsibility to coordinate the work of all its subcontractors. Neither District, Inspector, or any officer, agent, or employee thereof, shall provide direction to Contractor's subcontractors or respond to requests for information from subcontractors or coordinate subcontractor work.

THIRD PARTY BENEFICIARIES: This contract is by and between the District and Contractor and/or their successors or assigns and no third party is intended expressly or by implication to be benefited by this Agreement.

UTILITIES:

- A. Contractor shall send proper notices, make necessary arrangements, perform other services required in care and maintenance of all public utilities and assume all responsibility concerning same. Notify proper utility if damage occurs. Observe all rules and regulations of the respective utilities in executing the work.
- B. Contractor shall carefully check areas where operations of the Contract are to be performed and observe any existing overhead wires, equipment, and other obstructions. Any such work shall be moved, replaced, or protected, as required, if shown or specified.
- C. Contractor shall exercise extreme care in locating and identifying underground lines before starting work.

- D. Contractor shall exercise all reasonable precautions to preserve and protect any existing underground improvements.
- E. Contractor shall repair to the satisfaction of and without additional cost to District, any damage to utility lines that occur because of operations of this work if such utility lines are indicated.

WARRANTIES: Where the specifications require the Contractor to provide a written guarantee, it is the intention of this Contract that such guarantee shall run in favor of District, shall be made out to District, and shall be delivered in writing, in the form set forth in these contract documents, to the District prior to final payment.

- A. Contractor's Guarantee of Quality: Contractor unqualifiedly guarantees the "first-class" quality of all workmanship and of all materials, apparatus, and equipment used or installed by him/her or by any subcontractor or supplier in the project which is the subject of this Contract unless a lesser quality is expressly authorized in the Drawings and Specifications, in which event Contractor unqualifiedly guarantees such lesser quality and that the work as performed by Contractor will conform with the Plans and Specifications or any written authorized deviations therefrom.

PAYMENT BOND TO ACCOMPANY CONTRACT

Contractors must use this form, not a Surety Company form. Bond shall be issued by a Surety Company which is rated Best's A or better.

Know All Men by These Presents:

THAT WHEREAS, The Rio Linda Elverta Recreation and Park District has awarded to _____, as principal, hereinafter designated as the "Contractor," a contract for the work described as follows:

WESTSIDE PARK IMPROVEMENTS

AND WHEREAS, Contractor is required by the provisions of Section 9950 et seq., Civil Code, to furnish a bond in connection with the contract;

NOW, THEREFORE, We the undersigned Contractor and surety are held and firmly bound unto the Rio Linda Elverta Recreation and Park District in the sum of _____ Dollars (\$ _____), _____ said sum is consistent with the provisions of Section 9554 of the Civil Code, for which payment well and truly to be made we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That if Contractor, his/her/its heirs, executors, administrators, successors or assigns, or subcontractors, shall fail to pay any materials, provisions, provender, or other supplies or teams, implements or machinery used in, upon, for, or about the performance of the work contracted to be done, 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, as required by the provisions of Section 9950 et seq. of the Civil Code, and provided that the claimant shall have complied with the provisions of said Code, the surety or sureties hereon will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond the surety or sureties will pay all court costs, expenses and the reasonable attorneys' fees fixed by the court and the application and interpretation of the rights and obligations hereunder shall be pursuant to California law. Surety's obligation to the Cordova Recreation and Park District pursuant to this bond is subject to the covenant of good faith and fair dealing.

This bond shall inure to the benefit of all persons, companies or corporations entitled to file claims under Section 9100 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Surety, for value received, hereby stipulates and agrees that in accordance with California Civil Code section 8152 no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same or payment for defective work or materials, except for final payment upon contract completion, shall in any way affect Surety's obligations or exonerate Surety on this bond, and Surety hereby waives notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications of, or payment for defective work or materials.

IN WITNESS WHEREOF, three (3) identical counterparts of this instruction, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above-named on the _____ day of _____, 20__.

CONTRACTOR (Name and Address)

DISTRICT:

Rio Linda Elverta Recreation and Park District
810 Oak Lane
Rio Linda, CA 95673

SURETY (Name and Principal place of business)

CONTRACTOR AS PRINCIPAL

COMPANY: _____(Corporate Seal)

By: _____

Name: _____

Title: _____

SURETY COMPANY: _____(Corporate Seal)

By: _____

Name: _____

Title: _____

Attorney in Fact

PERFORMANCE BOND TO ACCOMPANY CONTRACT

Contractors must use this form, not a Surety Company form. Bond shall be issued by a Surety Company which is rated Best's A or better.

KNOW ALL MEN BY THESE PRESENTS: that where, the Rio Linda Elverta Recreation and Park District (hereinafter designated as "District") has awarded to _____ (hereinafter designated as "Principal" or "Contractor") a contract for the work described as follows:

WESTSIDE PARK IMPROVEMENTS

WHEREAS, Principal is required to furnish a bond in connection with the contract, guaranteeing the faithful performance of the contract;

NOW, THEREFORE, we, the undersigned Principal and Surety are held and firmly bound unto the District in the sum of _____ dollars (\$ _____), lawful money of the United States of America, for payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.

The **condition** of this obligation is such that if the Contractor, his/her/its heirs, executors, administrators, successors or assigns, shall abide by and in well and truly keep and perform the covenants, conditions and agreements in the foregoing contract and any alteration thereof as therein provided, on his/her/their part to be kept and performed at the time and in the manner therein specified, the Surety shall have no obligation pursuant to this bond except to participate in conferences provided in subparagraph 1.1, otherwise, the Surety's obligation under this bond shall arise after:

A. The Surety's obligation:

1. The District has notified the Contractor and the Surety that the District is considering declaring the Contractor in default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than seven (7) calendar days after receipt of such notice to discuss methods of performing the construction contract. If the District, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the construction contract, but such agreement shall not waive the District's right to subsequently declare the Contractor in default; and
2. The District has declared the Contractor in default and formally terminated the Contractor's right to complete the contract. Default shall not be declared early than seven (7) calendar days after the Contractor and the Surety have received notice as provided in subparagraph 1.1; and
3. The District has agreed to pay the balance of the contract price to the Surety in accordance with the terms of the construction contract or to a Contractor selected to perform the construction contract in accordance with the terms of the contract with the District.

B. When the District has satisfied the conditions of paragraph 1, the Surety shall immediately and at the Surety's expense take the following actions:

1. Undertake to perform and complete the construction contract itself, through its agents or through independent Contractors. Surety shall not undertake to perform and complete the construction contract by employing, authorizing, or utilizing the services of the principal Contractor or affiliated organization without the written consent of the District; or
2. Retain a qualified Contractor acceptable to the District for performance and completion of the construction project/contract. The Contractor shall be selected with the District's concurrence

and his/her/its performance shall be secured with performance and payment bonds executed by a qualified Surety equivalent to the bonds issued for the original construction contract, and sufficient to pay to District the amount of damages as described in paragraph 4 et seq. resulting from the Contractor's default; or

3. Waive its right to perform and complete, arrange for completion, or obtain a new Contractor by determining the amount of which it may be liable to the District and as soon as practicable after the amount is determined, tender payment thereof to the District.
 4. Surety shall proceed in accordance with paragraph 2 not later than fifteen (15) calendar days after written notice that Contractor is declared to be in default. In an emergency situation, or if time is of the essence in the underlying contract, District may take all reasonable actions necessary to protect the work of improvement and/or to continue the construction process pending Surety's investigation and action pursuant to paragraph 2. Cost incurred by District in protecting the work of improvement or continuing the construction process pending Surety action shall be the joint responsibility of Surety and Contractor.
- C. If Surety does not proceed as provided in paragraph 2 et seq., Surety shall be in default on this bond and the District shall be entitled to enforce any remedy available to District. In the event suit is brought upon this bond, Surety or Sureties will pay all court costs, expenses, and reasonable attorney fees fixed by the court.
- D. After District terminates the Contractor's right to complete the construction contract, the responsibilities of the Surety to the District shall not be greater than those of the Contractor under the construction contract, and responsibilities of the District to the Surety shall not be greater than those of the District under the construction contract. To the limit of the amount of this bond, but subject to commitment by the District of the balance of the contract price to mitigation of costs and damages on the construction contract, the Surety is obligated without duplication for:
1. The responsibilities of the Contractor for correction of defective work and completion of the contract.
 2. Additional legal and administrative costs resulting from the Contractor's default and resulting from the actions or failure to act as required in paragraphs 2 and 3.
 3. Liquidated damages, or if no liquidated damages are specified in the construction contract, then actual damages caused by the delayed performance or non-performance of the Contractor.
- E. Surety hereby waives notice of any change, including changes of time, to the construction contract or to related subcontracts, purchase orders and other obligations.
- F. Notice to the Surety, the District or the Contractor shall be mailed or delivered to the address shown on the signature page.
- G. This bond, the rights, and obligations hereunder and the interpretation of any provision contained herein, shall be governed by the laws of the State of California and Surety, by submission of this bond to District, shall be deemed to have submitted to the jurisdiction of California courts. Surety's obligations to District pursuant to this bond are subject to the covenant of good faith and fair dealing and Surety's breach of said covenant shall give rise to a cause of action by District for damages caused by Surety's breach of said covenant.

- H. For the purposes of this bond, the construction contract shall be defined as all of the documents in the agreement between District and Contractor.
- I. Surety, for value received, hereby stipulates and agrees that in accordance with California Civil Code Section 8152 no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same or payment for non-conforming or defective work or materials, except for final payment upon contract completion shall in any way affect Surety's obligations or exonerate Surety on this bond, and Surety hereby waives notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications, or of payment for defective work or non-conforming work or materials.

IN WITNESS WHEREOF, three (3) identical counterparts of this instruction, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above-named on the _____ day of _____, 20__.

To be signed by Principal and Surety and Notarial Acknowledgment and Seal attached.

CONTRACTOR (Name and Address)

DISTRICT:

Rio Linda Elverta Recreation and Park District
 810 Oak Lane
 Rio Linda, CA 95673

SURETY (Name and Principal place of business)

CONTRACTOR AS PRINCIPAL

COMPANY: _____

(Corporate Seal)

By: _____

Name: _____

Title: _____

SURETY COMPANY: _____

(Corporate Seal)

By: _____

Name: _____

Title: _____

Attorney in Fact

CHILD SUPPORT COMPLIANCE FORM

For every contract in excess of \$100,000, only the successful bidder will be required to acknowledge that he/she is aware of the State's policy regarding the importance of child and family support obligations and that to the best of his/her knowledge, he/she is fully complying with the earnings assignment order of all employees and providing the names of all new employees to the New Hire Registry maintained by the Employment Development Department. The successful bidder shall complete the child support compliance acknowledgment below.

TO BE EXECUTED BY WINNING BIDDER AND SUBMITTED WITH SIGNED CONTRACT

I am aware of the State's policy regarding the importance of child and family support obligations and that to the best of my knowledge, I am fully complying with the earnings assignment order of all employees and providing the names of all new employees to the New Hire Registry maintained by the Employment Development Department.

By: _____

Name: _____

Title _____

Date: _____

CONTRACTOR'S CERTIFICATION REGARDING WORKERS' COMPENSATION

TO BE EXECUTED BY WINNING BIDDER AND SUBMITTED WITH SIGNED CONTRACT

In accordance with the provisions of Section 3700 of the Labor Code, every Contractor is required to secure payment of compensation to the Contractor's employees. Each Contractor to whom a public works contract is awarded is required to sign and file with the awarding body the following certification prior to performing the work of the contract.

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

By: _____
Name: _____
Title _____
Date: _____

GUARANTEE FORM

_____ (“Contractor”) hereby agrees that the work which the contractor has installed for the Rio Linda Elverta Recreation and Park District for the following project:

WESTSIDE PARK IMPROVEMENTS

(“project” or “contract”) has been performed in accordance with the requirements of the Contract Documents and that the Work as installed will fulfill the requirements of the Contract Documents.

Where the specifications require the Contractor to provide a written guarantee, it is the intention of this Contract that such guarantee shall run in favor of Owner, shall be made out to Owner, and shall be delivered in writing, in the form set forth in these Contract documents, to the Owner prior to final payment.

Contractor's Guarantee During Construction: The Owner shall not, in any way or manner, be answerable or suffer loss, damage, expense or liability for any loss or damage that may happen to Owner improvement, work or equipment or any part thereof, or in, on, or about the same during its construction and before acceptance. Contractor assumes the risk of loss from destruction of, or damage to the Owner improvement work and in the event the work is damaged or destroyed in whole or in part by fire or other peril, the time for the completion of the Contract will be extended, and Contractor shall rebuild at no expense to Owner. This obligation shall not replace Contractor's obligation to carry insurance as set forth in the Contract documents.

Contractor's Guarantee of Quality: Contractor unqualifiedly guarantees the "first-class" quality of all workmanship and of all materials, apparatus, and equipment used or installed by him/her or by any subcontractor or supplier in the project which is the subject of this Contract unless a lesser quality is expressly authorized in the Drawings and Specifications, in which event Contractor unqualifiedly guarantees such lesser quality and that the work as performed by Contractor will conform with the Plans and Specifications or any written authorized deviations therefrom.

Guarantees: Besides guarantees required elsewhere, Contractor shall and does hereby guarantee all workmanship and material for a period of one (1) year from the date of acceptance of the work by the Owner (special or extended guarantees as noted shall be honored as specified under specific items) and shall repair or replace any or all material and workmanship (together with any other work which may be damaged in so doing) that is or becomes defective during the period of said guarantees without expense whatsoever to Owner. For purposes of this Contract the date of acceptance shall be the date of the notice of Owner accepting work excepting work, which is incomplete upon date of said resolution, and then the date of acceptance shall be the date of final payment under this Contract. In the event the Contractor fails to comply with the requirements of any guarantee required by this Contract within seven (7) days after being notified in writing, Owner is authorized to proceed to have the defects repaired and made good at the expense of Contractor who shall pay the costs and charges therefor immediately on demand. In the event the defective condition giving rise to repairs pursuant to this warranty endangers persons or property, or otherwise substantially interferes with Owner's ability to conduct its business or provide services for which the Owner is responsible, Owner may immediately make repairs after reasonable attempts to notify Contractor and Contractor shall pay the costs and charges of said repairs immediately upon demand. Early occupancy by Owner or early use of a guaranteed item or system by Owner, Contractor, subcontractor or any other person or agency shall not modify the period of guarantee which shall commence as set forth above.

The undersigned agrees to repair or replace any or all such Work that may prove to be defective in workmanship or material together with any other adjacent Work that may be displaced in connection with such replacement within a period of one (1) year from the date of completion, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of the undersigned's failure to comply with the above-mentioned conditions within a reasonable period of time, as determined by the , but not later than seven (7) days after being notified in writing by the , the undersigned authorizes the to proceed to have said defects repaired and made good at the expense of the undersigned. The undersigned shall pay the costs and charges therefor upon demand.

Dated: _____

Signature of Contractor: _____

Printed Name and Title of Contractor: _____

Representatives to be contacted for service subject to terms of contract:

Name: _____

Address: _____

Phone Number: _____

E-Mail: _____

SAMPLE INVOICE (TO BE ATTACHED TO SCHEDULE OF VALUES)

PAY REQUEST APPLICATION

PROJECT NAME: _____

CONTRACTOR: _____

INVOICE #: _____

PERIOD ENDING DATE: _____

ORIGINAL CONTRACT AMOUNT: _____

CHANGE ORDER NO. 1: _____

NET CHANGE BY CHANGE ORDERS: _____

TOTAL ADJUSTED CONTRACT AMOUNT TO DATE: _____

BALANCE OF CONTRACT TO FINISH: _____

LESS 5% RETENTION: _____

LESS PREVIOUS PAYMENTS: _____

AMOUNT DUE THIS INVOICE: _____

Submitted by: _____
Contractor

Dated: _____

SUBMIT TO:

APPROVED: _____, Construction Inspector

APPROVED: _____, Project Manager

APPROVED: _____, Park Planning Manager

**TECHNICAL SPECIFICATIONS
FOR**

**WESTSIDE PARK IMPROVEMENTS
PROJECT**

RIO LINDA, CA

November 1, 2022

Prepared by:

Callander Associates

Landscape Architecture, Inc.

12150 Tributary Point Drive, Suite 140

Gold River, CA 95670

916.985.4366

WESTSIDE PARK IMPROVEMENTS PROJECT

RIO LINDA, CA

LANDSCAPE ARCHITECTS

CALLANDER ASSOCIATES LANDSCAPE ARCHITECTS, INC.

12150 Tributary Point Drive, Suite 140

Gold River, CA 95670

Phone: 916.985.4366

Contact: Benjamin Woodside, ASLA – Principal-in-Charge

Iqra Anwar – Project Manager

ELECTRICAL ENGINEERS

NATRON RESOURCES, INC.

1123 Sanders Drive

Moraga, CA 94556

Phone: 510.868.0701

Contact: Ron Zeiger, PE

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SECTION 00 72 00 GENERAL REQUIREMENTS

PART 1 - INFORMATION AND DOCUMENTS

1.1 REFERENCE TERMS

- A. The term "Owner" or "District" shall mean " Rio Linda Elverta Recreation and Park District" and the authorized representatives acting on the District's behalf.
- B. The term "Engineer" shall mean "District Engineer" or his authorized representative.
- C. The term "Inspector" shall be the District's authorized job inspector or any independent inspection service acting on the District's behalf.

1.2 DOCUMENTS

- A. Drawings and Specifications Cooperative: The Drawings and Specifications labeled "Westside Park Improvements" are intended to be complementary and items or information shown in one but not the other are to be included as if shown in both. Anything not expressly set forth in either but which is necessarily implied shall be furnished as though specifically both shown and mentioned without extra charge. Should anything be omitted from the drawings that are necessary for proper execution of the work herein described, it shall be the duty of the Contractor to notify the District before signing the contract.
- B. Scaling of Prints: Shall be avoided and, when done, shall be the Contractor's responsibility. Given dimensions shall take precedence. Consult the Engineer for all necessary dimensions that are not given. Check all field dimensions and existing building conditions and sizes before proceeding.
- C. Additional Details: Shall be furnished by the Engineer as they may be required, and shall be considered of equal force with those that accompany these Specifications.
- D. Omissions or Errors: If discovered in the Drawings or Specifications, shall be brought to the attention of the Engineer. No work is to proceed where there is any uncertainty as to the meaning of these documents.

1.3 QUALITY CONTROL

- A. Variations to Expedite the Work: Contractor shall consult the Inspector if at any time a variation in the construction or in the quality of materials as specified is desired. Contractor will be allowed to vary from the documents only after written approval of the District is obtained.
- B. Building Codes: Building Codes of this State and the specific County and District and the latest rules and regulations of the National Board of Fire Underwriters and all other applicable codes and regulations shall be accurately complied with.
- C. Layout of Work: Shall be done under the supervision of the Contractor by a District -approved Land Surveyor licensed in California using professional-type instruments. Contractor shall establish elevations and locate and stake all on-site improvements and grading for approval by the District prior to proceeding and shall be responsible for any damage that may be sustained by the District or others from incorrect locations of site improvements.
- D. Substitutions: Substitutions in material or methods of construction, when necessary because of material shortages or in order to avoid serious delay, may be made only after they are approved by the District in writing.
- E. Alterations and Extras: No alterations shall be made in the work from that shown in the Drawings and Specifications, and no claims will be allowed except in pursuance of a written change order countersigned by the District and the Engineer, and any alterations or changes so ordered shall in no way invalidate the contract. Should the Contractor deem any work to be an extra, the District shall be notified in writing and a written change order shall be issued before any work is executed, or no claim will be allowed.
- F. Public Access: Continuous safe public access (both pedestrian and vehicular) shall be maintained along frontages. Construct temporary walkways as necessary.
 - 1. Barricade open depressions and holes that occur in the performance of this work. Post warning light adjacent to the depression.
 - 2. Operate warning light during hours from dusk to dawn each day, and as otherwise required.
 - 3. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by operations under the specified work.

- G. **Material and Workmanship:** All materials and workmanship are to be the best of their respective kinds. The terms "or equal", "approved", "selected", and so forth, shall mean as approved, etc. by the Engineer. All materials and equipment used shall be in accordance with the manufacturer's printed directions.

Use adequate numbers of skilled workpersons who are thoroughly trained and experienced in necessary crafts and who are completely familiar with the specified requirements and methods needed for proper performance of work specified. Use equipment adequate in terms of size, capacity, and numbers to accomplish work in a timely manner.

- H. **Defective or Improper Work:** Any work or materials not acceptable to the Engineer must be removed by the Contractor and replaced by approved materials and/or work without extra compensation. In the event that such removal might cause injury to other portions of the work, or if the Contractor refuses or neglects to remove them, then the District may deduct from the contract price such sum as judged to be just and reasonable as damage caused by non-compliance with the plans and specifications, as well as for the difference in value between the balance that may be due the Contractor.
- I. **De-Watering:** Contractor shall generally keep work areas free of all surface water so as to permit construction work to progress in an orderly and workmanlike manner.

PART 2 - SUBMITTALS

2.1 SHOP DRAWINGS

- A. Shop drawings shall be submitted to the Engineer for review only where so called for in the technical specification sections, as follows:
1. One set of reproducible mylar prints.
 2. Two sets of blueline prints.
 3. All shop drawings shall be thoroughly reviewed and signed by the Contractor indicating approval prior to submittal of drawings to the Engineer.

2.2 SUBMITTALS

- A. Only where called for in the technical specifications, samples of materials to be used in fulfilling the requirements of the specifications shall be deposited with

the Engineer at least 3 working days prior to their use in the work to allow sufficient time for review.

- B. Submit manufacturers' samples to the Engineer at least three (3) working days prior to execution of the work as required in the specifications and in all cases where choice of color, finish, style, or texture is involved.

2.3 TESTING

- A. When testing of materials is required by these specifications, the Contractor shall give the District sufficient notice of readiness for the tests to be taken. The cost of all tests will be borne by the District except for retesting as specified below, and the minor amounts of material required for testing which the Contractor shall furnish. The Contractor will cooperate with the District's representative in the taking of test samples.
- B. Should the results of any required test fail to meet the requirements of the Specifications, then the Contractor shall furnish new samples of new materials, as directed by the District, and additional tests shall be made at the Contractor's expense until the test results are found to meet the requirements of the documents.

2.4 JOB SITE SAFETY

- A. Neither the professional activities of the Owner's Representative, nor the presence of the Owner's Representative or their employees and subconsultants at a construction/project site, shall relieve the Contractor of their obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending and coordinating the work in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. The Owner's Representative and their personnel have no authority to exercise any control over any construction contractor or their employees in connection with their work or any health or safety programs or procedures. The Contractor shall be solely responsible for job site safety, and the Owner's Representative and the Owner's Representative's subconsultants shall be indemnified by the Contractor and shall be made additional insureds under the Contractor's policies of general liability insurance.

PART 3 - TEMPORARY FACILITIES AND CONTROLS

3.1 TEMPORARY FACILITIES

A. Utilities:

1. Existing water and electricity service located on-site may be used as required for the work. Contractor shall make all such arrangements as required with the responsible utility company.
2. Existing sanitary facilities may be used on-site as required.
3. Shut downs of utilities for any reason shall be subject to approval by the District. When extended shut downs are required the Contractor shall provide standby service for normal occupancy requirements.
4. Before starting work, coordinate work and obtain clearance from utility companies and/or governmental agencies that supply existing or proposed services to project.
5. Unless they are shown to be removed, protect active utility lines shown on these plans or otherwise made known to the Contractor prior to excavating. If utilities are damaged, they shall be repaired or replaced at no additional cost to the District.
6. If active utility lines are encountered and are not shown on these plans or otherwise made known to the Contractor, the Engineer shall be immediately notified and Contractor shall then take the necessary steps promptly to assure that service will not be interrupted.
7. If service is interrupted by work performed under this section, immediately restore service by repairing damaged utility at no additional cost to the District.
8. If existing utilities interfere with permanent facilities being constructed under this contract, immediately notify Engineer and obtain instructions from him.
9. Do not proceed with permanent relocation of utilities until written instructions are received from the Engineer.

B. Protection:

1. The Contractor shall provide adequate protection for all portions of the existing site, its improvements, and its occupants throughout the work. All damage done to existing property shall be neatly repaired or replaced at the Contractor's expense. Work shall be executed in careful, orderly manner with the least possible disturbance to public and occupants of the area.
2. Contractor shall protect and save any and all utilities. Any time existing utilities are exposed, Inspector shall be notified. Repairs on existing

utilities shall not be performed without prior approval and inspection by the District Inspector.

- C. Field Office and Enclosures:
 - 1. Fences, enclosures, storage sheds, etc., required by the Contractor for the storing of tools and materials shall be located where approved in advance by the District. Such fences, enclosures, storage sheds, etc., are at the Contractor's option.

- D. A 6-foot high temporary chain link construction fence shall be installed along the entire perimeter of the project site and shall be maintained for the duration of the project. The temporary construction fencing shall be in good condition, staked into ground wherever possible, and installed with a top tension wire. The fence posts shall be two inch (2") diameter galvanized steel. The fence fabric shall be 11-gauge, with knuckled barbs on the top edges.

3.2 CLEAN-UP

- A. During the construction period, the premises shall be kept free from the accumulation of waste materials or rubbish on a daily basis. The final cleaning shall leave the facilities ready for occupancy with no additional clean up. Clean up dirt, grease, asphalt, etc., from all surfaces. Use no cleaning materials that will damage finishes.

PART 4 - MATERIALS AND EQUIPMENT

4.1 GENERAL

- A. Deliver all materials and equipment to the project site in the manufacturer's original sealed, labeled containers, if any, and protect all packaged and unpackaged items against moisture, dust, tampering or damage from improper handling or storage. Storage location shall be as approved in advance by the District.

- B. Place materials and equipment on order in time to avoid job delay or hindrance. Schedule deliveries to coincide, as nearly as possible, with construction schedule.

- C. Except as specifically noted otherwise, the installation and/or maintenance directions provided by the manufacturer shall be followed for all materials and equipment.

- D. All materials shown on the drawings or specified herein shall be new unused materials unless specified otherwise.
- E. All materials not conforming to the requirements of these specifications shall be considered as defective and all such materials, whether in place or not, shall be rejected and shall be removed immediately from the job site.
- F. Prior to ordering materials or starting work, the Contractor shall verify all measurements at the site and shall be held responsible for their accuracy. No extra compensation will be allowed for differences between actual dimensions and the measurements shown on the drawings.

4.2 SUBSTITUTIONS

- A. In addition to the statements set forth in Paragraph 1.3D of this Section regarding the specification and naming of products, brand names, manufacturers, etc., as referenced within these Specifications, the following will apply:
 - 1. Specific names are indicated to establish quality and functional standards required to do the work, and to meet the quality and functional standard of the contract.
 - 2. Substitute items shall be equal or superior to the items specified at no additional cost to the District.
 - 3. It shall be the responsibility of the Contractor to prove the equality of item(s) proposed for substitution. Therefore, the Contractor shall submit for the District's approval all pertinent product data and samples as the District deems appropriate, to establish said product equality before commencing with that portion of the work. Failure of the Contractor to receive the District's approval in writing shall cause the District to reject said product and its related assembly and/or installation, and require the complete replacement with that item specified, all at the Contractor's cost. Submittals for proposed substitutions will be reviewed once at the cost of the District. Subsequent reviews of submittals will be at the cost of the Contractor on an hourly basis.

4.3 MEASUREMENT & PAYMENT

- A. Where the estimated quantities for a specific portion of the work are designated on the plans as final pay quantities, said estimated quantities shall be the final quantities for which payment for such specific portion of the work will be made, unless the dimensions of said portions of the work shown on the plans are revised by the Inspector or Engineer. If such dimensions are revised, and such revisions result in an increase or decrease in the quantities of such work, the final quantities for payment will be revised in the amount represented by the changes in the dimensions. The estimated quantities for such specific portion of the work shall be considered as approximate only and no guarantee is made that the quantities that can be determined by computations, based on the details and dimensions shown on the plans, will equal the estimated quantities. No allowance will be made in the event that the quantities based on computations do not equal the estimated quantities.

In case of a discrepancy between the quantities shown on the plans as final pay quantities and the quantity of the same items shown on the bid form, payment will be based on the final pay quantities shown on the plans.

PART 5 - RECORD DRAWINGS

- 5.1 One complete set of prints shall be furnished to the Contractor by the Engineer on that the Contractor will fully illustrate all revisions, with complete dimensions, made by all crafts in the course of work. This shall include all field changes, adjustments, variances, substitutions, and deletions, whether covered by Change Orders or not. Underground installations must be located precisely as constructed on the Record Drawings.

The Record Drawings shall be updated on a weekly basis and submitted complete to the District with each pay request. Pay requests will not be processed without the aforementioned Record Drawings.

Upon completion of the work, it shall be the responsibility of the Contractor to transfer all revisions to a complete set of reproducible mylars, which will be furnished by the Engineer and paid for by the District. The Contractor shall submit the reproducible Record Drawings to the District with request for final payment. Final payment will not be processed without the aforementioned Record Drawings.

PART 6 - GUARANTEES

- 6.1 The Contractor shall provide a written guarantee for all the work as required in the Technical Specification section.
- 6.2 Assemble and bind three (3) sets of all certificates, warranties, guarantees, and maintenance manuals into clearly organized files and present the files to the District at the completion of the work.

PART 7 – CLOSEOUT DOCUMENTATION

- 7.1 When the Contractor considers that the work is substantially complete, which includes a thorough move-in clean, the Contractor shall notify the District in writing, who will then examine the Work to validate its status as Substantially Complete. Thereafter, the Landscape Architect, the District and/or their authorized representatives will make inspections, and observations, as necessary, to determine if the work is sufficiently complete in accordance with the Contract Documents so that the District can occupy or utilize the work for its intended use. If items are found which prevent such use or occupancy, the District shall notify the Contractor in writing of such items. A list of items requiring correction, now as a Punch List, will be prepared.
- 7.2 Upon completing preparations of the Punch List of such corrective work, the District Engineer shall inspect the Work to determine its acceptability for Substantial Completion, namely that the List of items for corrections is not so involved that it would prevent the use and beneficial occupancy of the facility by the District. Upon verification that the project is substantially complete the District with assistance from Landscape Architect shall prepare a Certificate of Substantial Completion. The Certificate shall establish the date of Substantial Completion and the responsibilities of the District and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance, commencement of warranties required by the Contract Documents, and shall fix the time, not to exceed 30 days, within which the Contractor shall finish all items on the punch list accompanying the Certificate. When the preceding provisions have been approved by both the District and the Contractor, they shall sign the Certificate to acknowledge their written acceptance of the responsibilities assigned to them in such Certificate. By such acknowledgment, the Contractor agrees to pay the District's actual costs including, but not limited to, charges for engineering, inspection and administration incurred due to the failure to complete the punch list within the time period provided in the Certificate of Substantial Completion. Any costs to the District, Design Consultant or Landscape Architect associated with repeat inspections, after the initial inspection, will be paid by the Contractor.

- 7.3 Final Completion. Upon completion of the Punch List work resulting from substantial completion, and upon completion of final cleaning, the Contractor shall so notify the District in writing. Upon receipt of the notification, the Landscape Architect, the District and/or their authorized representatives will make the final inspection, to determine the actual status of the Work in accordance with the terms of the Contract. If materials, equipment, or workmanship are found which do not meet the terms of the Contract, the Landscape Architect shall prepare a second and final Punch List of such items and submit it to the Contractor. Following completion of the corrective work by the Contractor, the Landscape Architect shall notify the District that the Work has attained Final Completion in accordance with the Contract. Final determination of the acceptability of the Work shall be made by the District. After completion of the work, but prior to its acceptance by the District, the last partial payment will be made to the Contractor in accordance with PART 8 – Measurement and Payment.

PART 8 – MEASUREMENT AND PAYMENT

- 8.1 Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work involved and no separate payment will be made therefore.
- 8.2 After receipt of the last partial payment, but prior to acceptance of the Work by the District, the Contractor shall send a letter to the District. The letter, pursuant to California Public Contract Code Section 7100, shall state that acceptance of the final payment described below shall operate as and shall be, a release to the District, the Landscape Architect and their duly authorized agents, from all claim of and/or liability to the Contract arising by virtue of the Contract related to those amounts. In the event of any unresolved disputed claims, Contractor may specifically exclude from the operation of the release. The Contractor must provide an Affidavit of Release of Liens and Consent of Surety to Final Payment as pre-conditions to final payment.
1. Following receipt of all required submittals and the Landscape Architect’s written statement that construction is complete and recommendation that the District accept the project, the District will take formal action on acceptance.
 2. Within ten (10) days of the acceptance by the District of the completed work described in the Contract, the District will cause to be recorded in the office of the County Recorder a Notice of Completion.
 3. Thirty-five (35) days after recording the Notice of Completion of the work involved in the Contract, the District will pay the Contractor in lawful money such sums of money as may be due the Contractor including all sums retained but excluding such sums as have previously been paid the Contractor. This payment will constitute the final payment to the Contractor under this Contract.

END OF SECTION 00 72 00

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SECTION 02 41 13 DEMOLITION

PART 1 - GENERAL

1.1 SCOPE

- A. This section shall consist of all clearing, grubbing, disconnecting, capping or sealing, abandoning or removing, site utilities, removals, relocations and demolition including concrete pavement, sand, restroom building, and other miscellaneous demolition as shown on the plans or specified herein.

1.2 REVIEW

- A. Contractor shall review with District's Representative the exact limits of work and extent of materials to be removed.
 - 1. Examine site and structures and determine exact nature and status of structural elements and utilities prior to commencing demolition.
 - 2. District assumes no responsibility for actual condition of items or structures to be demolished.
 - 3. Prior to commencing the work, perform a site survey to identify existing areas of damage to adjacent building areas and other buildings.

1.3 STANDARDS

- A. All work shall conform to ANSI A10.6, Safety Requirements for Demolition Operations and to the codes and regulations of the District.

1.4 SCHEDULE

- A. Submit schedule indicating proposed methods and sequence of operations for selective demolition work for review prior to commencement of work. Include coordination for shut-off, capping, and continuation of utility services as required.
 - 1. Provide detailed sequence of demolition and removal work to ensure uninterrupted progress of adjacent building uses.
 - 2. Coordinate continued occupancy with adjacent building tenants.

PART 2 - EXECUTION

2.1 DEMOLITION OF STRUCTURES

- A. Provide a minimum of 72 hours advance notice of demolition activities.
- B. Protection: Provide temporary barricades and other forms of protection as required to protect general public from injury due to selective demolition work. Provide protective measures as required to provide free and safe passage of general public to and from occupied portions of building. Erect temporary covered passageways as required by authorities having jurisdiction.
- C. Environmental Controls: Use water sprinkling, temporary enclosures, and other suitable methods to limit dust and dirt rising and scattering in air to lowest practical level. Comply with governing regulations pertaining to environmental protection.
- D. Utilities: Disconnect all utilities to structures to be demolished in the manner prescribed by the utility company.
- E. Selective Demolition: Perform selective demolition work in a systematic manner. Use methods required to complete work indicated on the drawings in accordance with demolition schedule and governing regulations. Conduct selective demolition operations and debris removal in a manner to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities.
- F. Traffic: Do not close, block or otherwise obstruct streets, walks, or other occupied or used facilities without written permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- G. Extent: Demolish foundation walls and footings to a depth of not less than 12 inches below finish grade. Demolish and remove below-grade wood or metal construction. Break up below grade concrete slabs. Completely fill below-grade areas and voids resulting from demolition work. Provide fill consisting of approved earth, gravel or sand, free of trash and debris, stones over 6 inch diameter, roots or other organic matter.
- H. Clean-up: Remove debris, rubbish and other materials resulting from demolition operations from building site. Transport and legally dispose of materials off site.
- I. Damages: Promptly repair damages caused to adjacent facilities by demolition work at no cost to the District.
- J. Contractor Salvage: Items indicated to be removed but of salvageable value to

the Contractor may be removed from structure as work progresses. Transport Contractor salvaged items from site as they are removed. Storage or sale of removed items on site will not be permitted.

2.2 STOCKPILING

- A. Existing sand shall be stripped and stockpiled for re-use.

2.3 CLEARING AND GRUBBING

- A. Contractor shall strip the site of all remaining materials not to remain as part of the finished work. All such materials shall be legally disposed of off-site at Contractor's expense except as otherwise noted on drawings. Items to be disposed of off-site include but are not limited to the following:
 - 1. Trees, weeds, roots and other organic material, wood and trash.
 - 2. Any rubble remaining from demolition of restroom building.
- B. Strip and remove weeds and trash from unpaved areas to be improved. Leave intact ornamental shrubs and trees as identified by District's Representative. The contractor shall protect surrounding areas from damage by equipment or construction operations.
- C. All edges of existing paving to remain shall be sawcut in a neat clean manner.
- D. Where any marked or unmarked utility lines or other underground obstruction or piping may be encountered within the work area, notify the District's Representative or the agencies or service utility companies having jurisdiction thereof, and take necessary measures to prevent interruption of service (if live). Should such lines or service be damaged, broken, or interrupted, those services shall be repaired immediately and restored by him at his own expense.
- E. Abandoned lines, meters and boxes, obstructions or piping shall be removed, plugged or capped in accordance with the requirements and approval of the agencies affected. It shall be the responsibility of the Contractor to ascertain whether any public facilities exist along the line of work, whether or not shown on the plans; and Contractor shall, at the Contractor's expense, do any necessary work to save from damage all such property in or adjacent to the work, and shall repair all damage thereto caused by the Contractor's operations.
- F. Service connections to adjacent properties requiring removal or adjustment, due to new construction, will be so removed or adjusted during the course of construction operations. The Contractor shall cooperate with the utility

companies and/or agencies in such work.

- G. Prior to commencement of site grading work the Contractor shall notify the District's Representative that the site has been cleared. Site grading shall not commence until the District's Representative has completed review of the site and has given approval to proceed.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 All work under this section shall be paid for at the lump sum price bid for demolition and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in demolition, and related incidental work.

END OF SECTION 02 41 13

SECTION 26 56 00 SITE ELECTRICAL

PART 1 - GENERAL

1.1 SCOPE

- A. Furnish and install all labor and materials for complete installation of electrical service to new restroom panel including service connection to existing meter switchboard, step down transformer, conductors, conduits, pull boxes, light fixture and controls, detectible tape, trenching and backfilling, demolition, and miscellaneous related work as shown on drawings.
- B. Contractor shall visit the site prior to submission of his bid, verify all conditions that will affect the performance of his work, make all necessary measurements, and notify the District of any discrepancies between the plans and the actual field conditions, prior to bidding.
- C. Contractor shall coordinate and secure all necessary permits for any and all work in this section and shall be responsible for payment of any and all fees and expenses associated with the permitting, inspection and compliance. Contractor shall not be reimbursed separately by District (verify payment clause).
- D. Contractor shall coordinate his work with the other trades, reviewing areas of possible conflict of space.

1.2 SUBMITTALS

- A. Prior to ordering any materials, Contractor shall furnish the Landscape Architect with manufacturer's literature and catalog sheets, per the General Requirements section, and/or manufacturers' data sheets for the following items:
 - 1. Pull boxes with extension boxes, and lids
 - 2. Step down transformer
 - 3. Conductors
 - 4. Conduit and conduit fittings
 - 5. Conduit sealing materials
 - 6. Detectible warning tape
 - 7. Grounding and bonding materials
 - 8. Light fixture and controls
 - 9. Circuit breakers
 - 10. Grounding materials and ground rods

1.3 STANDARDS

- A. Unless otherwise indicated or specified, all materials and methods shall conform to the appropriate current sections of:
 - 1. The County Standards for Public Improvements.
 - 2. The State of California, latest edition of the Department of Transportation Standard Specifications (DTSS), except for measurement and payment requirements.
 - 3. Applicable ASTM specifications as they reasonably apply to this work, except for measurement and payment requirements.
 - 4. Where conflicts occur, most stringent requirements apply.
- B. All materials shall be new with the Underwriter's acceptance label attached.
- C. All work shall conform to the requirements of the current edition of the National Electrical Code, OSHA, California State Safety Orders and the County regulations.
- D. The complete electrical installation shall be permanently grounded per the current edition of the National Electrical Code and local regulations.

1.4 RECORD DRAWINGS: Contractor to keep accurate and scaled reproducible record plans of the entire electrical installation. Deviations and changes from the Contract Drawings shall be noted on this drawing. All work that is installed under this Contract shall be included on these drawings.

1.5 GUARANTEES: The Electrical Contractor shall guarantee, in writing, for a period of one year from date of acceptance, that all work installed shall be free from defects in workmanship and materials. If during this period of one year any such defects appear, the Contractor shall, without cost to the District, remedy such defects. If the Contractor defaults on this guarantee, the District may have such work done and charged to the Contractor.

PART 2 – PRODUCTS

A.1 CONDUCTORS

- A. Shall be copper, thermoplastic insulated, 600V, type THWN, THW, or RHW by Southwire, Rome, Phelps Dodge, or equal.
- B. Color coding: conductors shall be identified as to phase connection by means of color impregnated insulation or approved color marking tapes as follows:

<u>VOLTAGE</u>	<u>A-PH.</u>	<u>B-PH.</u>	<u>C-PH</u>	<u>NEUTRAL</u>	<u>GROUND</u>
240/120V 1phase	Black	Red	----	White	Green
480/277V 3phase					

2.2 CONDUITS

- A. Non-metallic: for use underground, Schedule 40 PVC, or HDPE, by Carlon, PW Pipe, or approved equal. All conduits entering pull boxes shall have end bells.
- B. Metallic: for use above ground, galvanized rigid steel, as manufactured by Allied, Appleton, or approved equal.

2.3 PULLBOXES

- A. Pullboxes shall be reinforced concrete. Boxes shall be complete with base section, riser, and lids, and indicated on Drawings. As manufactured by Jensen Precast, Christy, Quazite, or approved equal.
- B. Top of pullboxes located flush with pavement. In landscaped areas top of pullboxes shall be set flush with final grade.
- C. Set base of pullboxes on 6inch base of crushed drain rock, and as indicated on Drawings. Covers shall be marked indicating type of service, i.e. Electric.

2.4 GROUND RODS

- A. Ground rods shall be installed in all pull boxes, minimum size 5/8" diameter by 8'long, copper clad steel, as manufactured by ERICO, with phosphor bronze ground rod clamps, or approved equal.

2.5 DETECTIBLE WARNING STRIPS

- A. Detectible warning strips, direct burial, 3" wide red color, as manufactured by Mule, 3M, or approved equal.

2.6 STEP DOWN TRANSFORMER:

- A. Encapsulated, 480volt primary, 120/240volt secondary, single phase, NEMA 3R, as manufactured by Hammond Power Systems, or approved equal. Rating as indicated on drawings.

2.7 LIGHT FIXTURES:

- A. Refer to drawings for fixture descriptions and related occupancy sensor controls and time controls.

PART 3 - EXECUTION

3.1 CONDUCTORS

- A. All conductor splices shall be completely watertight, utilizing Scotch-cast 85 series electrical splicing kits with molds, resin and tapes. Splices shall be prepared as recommended by the manufacturer. Alternatively, CalTrans "Method B" may be used for splicing procedure.
- B. Upon completion of the installation of the conductors in the conduits, all conduit ends shall be sealed watertight with non-hardening, non-oxidizing and non-corrosive sealing compounds, Duct-Seal, Permagum, or approved equal.
- C. All conductors shall be installed free from injuries, abrasions, and cuts or crimping. Where necessary to provide cable lubrication for smooth conductor installation, Contractor may use Jet Line products "SWP" series or approved equal.

3.2 CONDUITS

- A. Separate conduit runs not less than one foot horizontally and one foot vertically from gas, water sewer and drain lines.
- B. Place WARNING-ELECTRIC marker strips the continuous length of trench, down 12" from finish grade. Strips shall be installed over all lighting and power conduits.
- C. All conduits entering underground pull boxes shall have wide flange end bells.

D. REPAIRS

- A. Replace existing roadways, walkways, paving, or similar surfaces to match existing work, except material used shall not be of lesser quality than required for the same material in General Work Specifications, if such work is specified therein.
- B. Bring to grade any subsidence occurring during the guarantee period by adding surfacing materials of the like kind.

E. EXCAVATION AND BACKFILLING

- A. Excavate and backfill as required for the installation of electrical work. Restore all surfaces, roadways, walks, curbs, walls existing underground installations, etc., cut by installations to original condition in an acceptable manner. Maintain all warning signs, barricades, flares and lanterns as required.
 - B. Dig trenches straight and true to line and grade, with bottom clear of any rock points. Support conduit for entire length on undisturbed original earth. Minimum conduit depth of pipe crown shall be 2 feet below finished or natural grade.
 - C. Backfill materials, placements and compaction shall conform to applicable requirements of earthwork section of these specifications.
- F. TESTS
- A. Tests shall be conducted during the construction period and at completion to determine conformity with applicable codes and with these specifications. Tests shall be performed in the presence of the County Engineer.
 - B. Tests shall include, but are not limited to, the following:
 - 1. Insulation Resistance: Perform 500-volt D.C. tests for one minute on all 240volt feeder conductors, including the neutral, and make a typed record of all readings to be included in the maintenance instructions. Submit record for approval to Engineer. Repair or replace circuits showing less than 4 megohms resistance to ground. Make tests using Biddle Insulation Resistance Megger, or equal.
 - 2. Circuits Continuity: Test all feeder and branch for continuity. Test all neutrals for improper grounds.
 - 3. Grounds: Perform ground continuity of equipment grounding conductors.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 All work under this section shall be included in the lump sum price bid for site electrical and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in site electrical, and related incidental work.

END OF SECTION 26 56 00

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SECTION 31 22 00 EARTHWORK AND GRADING

PART 1 - GENERAL

1.1 SCOPE

- A. Perform all rough grading work as shown and specified including, but not necessarily limited to, site grading for concrete paving, pre-engineered structures, future landscaped areas, including subgrade compaction.

1.2 STANDARDS

- A. Unless otherwise shown or specified, all materials and methods shall conform to the most current Section 19 Earthwork of the State of California, Department of Transportation, Standard Specifications (DTSS) as they reasonably apply to this work, except for measurement and payment requirements.

1.3 QUALITY CONTROL

- A. All excavation, for the shelter footings, placement and compaction of fill and preparation of subgrade shall be reviewed by the Geotechnical Engineer retained by the District. Contractor shall schedule work and notify District and Geotechnical Engineer three working days in advance of each portion of grading operations for their review, testing and approval. The Contractor shall cooperate with the District in performing these tests. All tests indicating conformance to project requirements shall be paid for by the District. Costs of retesting and re-inspection required as the result of inadequate, insufficient, or incomplete work by the Contractor shall be deducted from the contract amount.
- B. Compaction Test Method: Where referred to in these specifications, "compaction" or "relative compaction" shall mean the in-place dry density of soil expressed as a percentage of the maximum dry density of the same material as determined by ASTM D-1557-02e1.
- C. The Contractor shall provide compaction testing as required to confirm compliance with these specifications and drawings. All costs of such testing will be borne by the District, except as specified in Paragraph 2.3 in Section 00 72 00 General Requirements.
- D. Geotechnical Engineer shall be present during all site clearing and grading operations to test and to observe earthwork construction. This representative

shall be notified at least two working days prior to commencement of any grading operations to allow for discussion and planning with the earthwork, underground and paving contractors.

1.4 LAYOUT AND GRADING CONTROL

- A. Grade the site to the tolerances shown. Vertical control is established by the benchmark indicated on the drawings.
- B. The Contractor shall engage the services of a District-approved Land Surveyor licensed in California to lay out the work. This surveyor shall certify that the completed work is done in a manner that the District can check for conformance as the work progresses.
- C. Tolerances: Site grading shall be to the elevations shown on the Drawings, plus or minus 0.1 foot vertically.
- D. Dewatering: No soil shall be compacted during periods of rain or when the ground is not drained of all free water. Soil that has been stockpiled and wetted by rain or by any other cause shall not be compacted until completely drained and until the moisture content is within the limits approved by the District.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Existing material may be used for fill after removal of all debris, and after being moisture-conditioned, if it meets the criteria in paragraph B below.
- B. Soil imported to the site and used for compacted fill shall be free of perishable organic material, and shall meet the following requirements:
 - 1. Physical: 100% passing 4 inch size, 10 to 75% passing the No. 200 sieve. Plasticity Index of 12 maximum when tested in accordance with ASTM D 4318-75.
 - 2. Chemical: Salinity Limit (ECe) saturation extract of 4.0 sodium (SAR) limit of less than 8.0.
 - 3. Boron: Saturation extract concentration less than 1.0 ppm.
- C. Minor quantities of material not meeting the above gradation may be mixed and blended with other on-site material if the resulting mixture conforms to the specifications. If the quantity of material not in conformance with the

specifications becomes excessive in the opinion of the Geotechnical Engineer, it shall be removed from the site.

PART 3 - EXECUTION

3.1 STRIPPING AND STOCKPILING OF NATIVE TOPSOIL

- A. All vegetation including the top one to two inches of roots shall be removed from areas to be graded. The remaining six to twelve inches of topsoil shall be stripped and stockpiled in sufficient quantities as required to provide a 6 inch layer of topsoil in all future planting areas.

3.2 ROUGH GRADING

- A. Prior to commencement of site grading work the Contractor shall notify the District's Representative that the site has been cleared. The District's Representative shall have sufficient time to review the site. Site grading shall not commence until the District's Representative has completed review of the site and the District has given approval to proceed.
- B. Perform all cut and fill required to bring the site to the grades indicated, with proper allowances for finish materials such as paving and base. Prior to placing new fill the exposed ground surface should be scarified to a depth of six inches (or greater as indicated on plans), brought to near optimum moisture content and compacted. Areas to be planted shall be compacted to 85 percent and areas to be paved shall be compacted to at least 90 percent relative compaction as determined from ASTM Test Method D 1557-78.
- C. Placement and Compaction: Approved fill material shall be placed in layers of six to eight inches in loose thickness and moisture-conditioned as necessary to achieve moisture content suitable for re-compacting. Fill material shall be compacted with equipment of such weight and design as necessary to obtain the specified compaction. Fill shall be compacted to 85 percent relative compaction in areas to be planted and at least 90 percent relative compaction in areas to be paved unless otherwise directed. In pavement areas, the upper 9 inches of subgrade shall have a minimum relative compaction of 95 percent. The resulting subgrade should be smooth and essentially unyielding. In planting areas, the upper 8 inches shall have a minimum relative compaction of 85 percent. Between successive lifts, the fill surface shall be scarified or otherwise processed to obtain satisfactory bonding between the fill lifts.

- D. Re-compaction: Where, in the judgment of the District's Representative, the moisture content is not suitable or insufficient compaction has been obtained, the fill shall be reconditioned and/or re-compacted to the specified density prior to placing any additional fill material. The Contractor shall be responsible for placing and compacting approved fill material in accordance with these specifications. If the Contractor fails to meet the compaction requirements, he shall reduce his rate of haul, furnish additional spreading, moisture conditioning and/or compacting equipment or make any other adjustments necessary to produce a satisfactorily compacted fill.
- E. All excess material and all material that is unsuitable for paving subbase or finish grading shall be disposed of off site at Contractor's expense and includes all testing and fees required by the disposal site.
- F. Where any marked or unmarked utility lines or other underground obstruction or piping may be encountered within the work area, notify the District or the Agencies or service utility companies having jurisdiction thereof, and take necessary measures to prevent interruption of service (if live). Should such lines or service be damaged, broken, or interrupted through the Contractor's own negligence, those services shall be repaired immediately and restored by him at his own expense. Abandoned lines, meters and boxes, obstructions or piping, shall be removed, plugged or capped in accordance with the requirements and approval of the agencies affected.
- G. Rock Removal: All rocks eight cubic inches or larger shall be removed completely from the top 6 inch of subgrade prior to placement of topsoil in all planting areas. (See "Landscape Soil Preparation" for additional requirements.) All rocks not meeting criteria for fill material shall be legally disposed of off-site as the Contractor's own property.

3.3 EROSION CONTROL AND CLEAN-UP

- A. Spillage: The Contractor shall prevent spillage when hauling on or adjacent to any public street or highway. In the event that such occurs, the Contractor shall remove all spillage and sweep, wash or otherwise clean such street or highways.
- B. Dust Control: The Contractor shall take all precautions needed to prevent a dust nuisance to adjacent public and private properties and to prevent erosion and transportation of soil to adjacent properties due to work under this contract. Any damage so caused by the Contractor's work under this contract shall be corrected or repaired by the Contractor at no cost to the District. In the event

the Contractor fails to take such precautions or make such corrections or repairs promptly, the District may take such steps as he may deem necessary and deduct the cost of the same from the monies due to the Contractor.

- C. Clean-up: The job site shall be kept neat and clear at all times, with all public walks swept clean at the end of each day, and all materials neatly stored. Upon completion of the work under this Section, remove immediately all surplus materials, rubbish and equipment associated with or used in the performance of this work. Failure to perform such cleanup operations within 48 hours of notice by the District shall be considered adequate grounds for having the work done by others at this subcontractor's expense.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 All work under this section shall be paid for at the lump sum price bid for earthwork and grading and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in earthwork and grading, and related incidental work.

END OF SECTION 31 22 00

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SECTION 31 23 00 TRENCHING AND BACKFILLING

PART 1 - GENERAL

1.1 SCOPE

- A. Perform all structural excavation, trenching, and backfilling work as shown and specified including, but not necessarily limited to, utility trenches, footings, and irrigation lines.

1.2 STANDARDS

- A. Unless otherwise shown or specified, all materials and methods shall conform to Section 19 Earthwork of the State of California, Department of Transportation Standard Specifications (DTSS) as they reasonably apply to this work, except for measurement and payment requirements.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Backfill material shall consist of the same material as specified for general fill under Section 31 22 00 - Earthwork and Grading.
- B. General Backfill: Backfill material shall be approved by the District's Representative prior to its use. Excavated material and excess material from site grading may be re-used for backfilling and grading, provided such fill shall be homogeneous, free from rocks, rubbish, organic material, etc., and shall consist of fragments capable of being thoroughly crushed and consolidated into a dense, uniform compact fill, and shall meet the following requirements:

<u>Sieve Size</u>	<u>Percentage Passing</u>
1 inch	100
3/4 inch	95-100
No. 200	10-75
Plasticity index	12 maximum

PART 3 - EXECUTION

3.1 EXCAVATING AND BACKFILLING FOR TRENCHES

- A. Perform all necessary excavation, shoring, pumping and dewatering and backfilling required for the proper laying of all underground pipes and conduits.
- B. All piping in ground shall have a minimum cover of 1'-6", except as otherwise shown, and shall be laid in ditches dug true to grade and line, avoiding sharp breaks. Piping shall bear equally over its entire length at bottom of ditch. Rock or unstable material encountered at grade shall be replaced with sand fill to a depth of 6 inches below pipe.
- C. Backfill (drainage trenches): Drain rock per section 02630.
- D. Backfill (non-drainage trenches): Fill trenches with excavated material in 6 inch to 8 inch uncompacted thick layers, compacted to 90% relative density. Backfill shall be moisture-conditioned to near-optimum in accordance with ASTM D 1557-02e1.
- E. Backfilling shall be commenced as soon as practical after subsurface work is installed and reviewed by the Engineer.
- F. No wood or debris shall be buried in any fill. The fill material shall be non-expansive, meeting the criteria of paragraph 2.1B of Section 31 22 00 – Earthwork and Grading.
- G. Provide shoring, excavation pumping and other requirements as necessary at excavations for points of connection.

3.2 STRUCTURAL EXCAVATION AND BACKFILL

- A. Structural Excavation: Make all excavation to the grades and elevations shown on the drawings, or to the subgrades required to obtain the finished grades shown thereon. Accurately cut footing trenches. Where footings are to be cut "neat", the trench or excavation width shall be increased by 2 inches from the dimensions shown on the drawings, so as to permit pouring footings against earth banks. If soil type or weather does not permit such excavations, excavate wide enough to permit full forming of footings. If any excavation is made below proper grade, the District shall be immediately notified, and the grade shall be restored in whatever manner the District directs, at no expense to the District. All excavation shall be kept free of standing water until concrete work, paving or backfilling is complete. Shore and brace excavations when required to prevent cave-ins.

- B. Foundations from previous structures, underground utilities or other buried structures shall be removed in their entirety and replaced with compacted engineered fill.
- C. When zones of soft or saturated soils are encountered at the over-excavated levels during excavation and compaction, deeper excavation shall be required to expose firm soil. This shall be determined in the field by the District's Representative.

3.3 SURPLUS MATERIAL

- A. Any excavated material which proves to be unsuitable or which is not required for backfilling shall be removed from the immediate work area and disposed of off-site.

3.4 CLEANUP

- B. Upon completion of the work under this Section, remove immediately all surplus materials, rubbish and equipment associated with or used in the performance of this work. Failure to perform such cleanup operations within 48 hours shall be considered adequate grounds for having the work done by others at the Contractor's expense.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 Full compensation for trenching and backfilling shall be considered as included in the contract lump sum prices paid for items involved, and no separate payment shall be made therefore.

END OF SECTION 31 23 00

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SECTION 32 13 13 SITE CONCRETE

PART 1 - GENERAL

1.1 SCOPE

- A. Furnish and install all concrete as shown and specified. This work includes, but is not necessarily limited to concrete pavement, detectable warning tile, footings, and miscellaneous items.

1.2 STANDARDS

- A. Unless otherwise shown or specified, all materials and methods shall conform to the appropriate current sections of:
 - 1. County Standards for Public Improvements.
 - 2. The State of California, Department of Transportation Standard Specifications (DTSS) sections 52, 73 and 90 except for measurement and payment requirements.
 - 3. Applicable ASTM Specifications as they reasonably apply to this work, except for measurement and payment requirements.
 - 4. American Concrete Institute (ACI), current standards.

1.3 TOLERANCES

- A. Tolerances for subgrade, subbase and finished grade shall be as specified by DTSS except that Contractor shall deliver the full aggregate base and concrete thickness shown. No combination of high and low tolerances that compromise the section will be permitted.
- B. Concrete Final Finishes: The Contractor shall demonstrate to the satisfaction of the District and the Owner's Representative that he, or his subcontractor, possesses sufficient skills and experience to perform the work. An 6'x6' sample of the concrete pavement, stamped concrete shall be poured and finished at the site for Landscape Architect's and City's review prior to commencing concrete pouring. Once the samples have been reviewed, the Contractor shall meet or exceed that quality of finish in all subsequent work. Contractor shall be responsible for removal of the samples at the completion of the work.
- C. Color Samples: A 6'x6' sample of each concrete color and finish required for review by the Owner's Representative.

- D. Submittals: The following shall be submitted by the Contractor to the Engineer in accordance with the applicable portions of the referenced specifications:
1. The proposed mix design, giving the brand of cement, type, gradations and source of aggregates, water/cement ratio, mix proportions, and unit weight.
 2. Manufacturer's literature for admixtures, embedded items, liquid membrane-form curing compound and non-shrink grout.
 3. Certification that materials are in compliance with specification requirements.
 4. Method of transporting and placing concrete.

1.4 JOB CONDITIONS

- A. Weather Limitations: Construct concrete surface course only when atmospheric temperature is above 40 degrees F., when the underlying base is dry, and when weather is not rainy.
- B. Grade Control: Establish and maintain the required lines and grades, including cross-slope during construction operations. All concrete shall slope to drain with no ponding of water.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Forms and Reinforcing: Per DTSS section 52. Rebar per plans.
- B. Concrete: All walks shall conform to Section 73 of the DTSS "Minor Concrete". All other concrete structures shall conform to Section 90 of the DTSS "Minor Concrete".
1. Cement: Type II modified conforming to ASTM-C-150-02a.
 2. Aggregate: Shall not be less than 3/8" or more than 1 inch in size.
 3. Compression strength at 28 days to be a minimum 3,000 p.s.i.
- C. Color Admixture:
1. For concrete pavement and miscellaneous footings add Hi-con black at a rate of 1/8 lb. per sack.
- D. Cleaning Agents: As required.
- E. Aggregate Base: Class II per (DTSS).

PART 3 - EXECUTION

3.1 PREPARATION

- A. Clear area to be paved of all debris and organic material. Recompact and regrade as necessary prior to placement of concrete. Verify that the subgrade and/or aggregate base is properly compacted and at suitable grade.

- B. Before beginning paving work and during construction, take all steps necessary for protection of existing improvements. As the concrete is being placed, extreme care shall be taken not to discolor or damage any improvements. If damage occurs, repair same, and if satisfactory repair cannot be made, remove and replace the section as directed.

- C. Formwork and Reinforcement:
 - 1. Sub grade compaction achieved.
 - 2. Assure that excavations and formwork are completed.
 - 3. Check that reinforcement is secured in place.
 - 4. Verify that expansion joint material, anchors, and other embedded items are secured in position.
 - 5. Forms and stakes to remain in place for 24 hours.
 - 6. All forms to be inspected by Owner's Representative prior to pour.
 - 7. No pours allowed on mist/rain days.

3.2 INSTALLATION

- A. Finishes
 - 1. Medium Sandblast: Provide a uniformly textured medium sandblast finish to expose the sand particles in the mix. Sample finish shall be reviewed prior to pouring the concrete.
 - 2. Broom Finish: Provide a light broom finish with strokes perpendicular to direction of travel along walks.

- 3.3 CLEAN UP: Upon completion of the work under this section, remove immediately all surplus materials, rubbish, and equipment associated with or used in the performance of this work.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 The contract unit price paid for CONCRETE PAVEMENT AND DETECTABLE WARNING TILE shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, including furnishing and installing associated aggregate base and for doing all work involved in CONCRETE PAVEMENT AND DETECTABLE WARNING TILE, and related incidental work.
- 4.2 Full compensation for other MISCELLANEOUS FOOTINGS and SITE CONCRETE shall be considered included in the contract price paid for various other items of work and no separate payment will be made therefore.

END OF SECTION 32 13 13

SECTION 32 15 40 STABILIZED DECOMPOSED GRANITE PAVING

PART 1 - GENERAL

1.1 SCOPE

- A. The extent of work in this section includes the provision of materials and labor for the construction of all stabilized decomposed granite paving.

1.2 SUBMITTALS

- A. Decomposed Granite: A one-quart sample with supplier and source clearly indicated of decomposed granite to be used shall be submitted to the Owner's Representative for approval.

1.3 REVIEWS

- A. Contractor shall stake and layout all paving areas for review by the Owner's Representative prior to excavation.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Decomposed Granite: Decomposed granite with stabilizer, hereafter referred to as "DG", shall be Gold Track Fines as available from T.M.T., Inc., 1996 Oakland Road, San Jose, CA 95131-1696, (408) 432-9040, or approved equal. Material shall also conform to the following:

<u>Sieve Size</u>	<u>Percent Passing</u>
3/8"	100%
No. 4	85% - 95%
No. 8	75% - 95%
No. 30	35% - 55%
No. 200	10% - 20%

The yellow-brown color, inherent to Gold Track Fines type DG is a requirement for this material. The Contractor shall obtain the approval of the Owner's Representative in writing of the DG he proposes to use prior to delivery to the site.

- B. Stabilizer: Stabilizer shall be PHP Organic Aggregate Binder, or equal, and added to the DG at the rate of 15 lbs per ton of DG.
- C. Soil Sterilent: To be chlorate-borate material with not less than forty percent sodium chlorate and soluble in water to the extent of 4 lbs. of product per gallon of water ("Trifluralin HF", or approved equal).

- D. Weed Block Fabric: Shall be landscape weed fabric.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mixing: Materials shall be pre-mixed at the plant before being delivered to the site. No bucket mixing or on-site mixing will be allowed.
- B. Soil sterilant shall be applied to the subgrade soil of areas to be paved prior to baserock operations; uniformly applied per manufacturer's recommendations; minimum rate of 2.5 to 3.0 lbs./1000 square feet and watered with a minimum of 3 gallons/100 square feet. Contractor shall take all precautions necessary to avoid spray onto or runoff into planting areas.
- C. Construct Forms: Place and compact aggregate base.
- D. Placement: DG 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 compacted by use of light roller. The mixture shall not be screeded off or finished by floating. No steel tooling of edges shall be done.
- E. Finish: The finished surface of the paving shall be kept moist for five days. Any cracks or wash-outs shall be filled in immediately.

3.2 CLEAN-UP

- A. Waste Removal: All waste incurred as a result of DG paving construction shall be removed from the site and disposed of legally. All excess DG shall be removed from planting area.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 Contract unit price bid paid per square foot for STABILIZED DECOMPOSED GRANITE shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in STABILIZED DECOMPOSED GRANITE, and related incidental work.

END OF SECTION 32 15 40

SECTION 32 33 00 SITE FURNISHINGS

PART 1 - GENERAL

1.1 SCOPE

- A. Furnish and install all site furnishings, including but not necessarily limited to, picnic table, picnic table- ADA, bench, bicycle rack, trash receptacle, recycling receptacle, barbeque unit, cornhole board, redwood header board, shade shelter, prefabricated restroom building and prop 68 sign.

1.2 ACCEPTANCE: Prior to the purchase of the items and within five days of the award of the contract, the Contractor shall supply the CM with samples of the finishes for approval by the District and Landscape Architect. No materials for this section shall be purchased until such approval is granted.

1.3 CERTIFICATION: Delivery schedules shall be verified and certified in writing to the Landscape Architect within ten days after the project commences.

1.4 SUBMITTALS: Submit catalog information and shop drawings for items. Submit Structural calculations for items where noted on plans.

- A. Picnic table
- B. Picnic table- ADA
- C. Bench
- D. Bicycle rack
- E. Trash receptacle
- F. Recycling receptacle
- G. Barbeque
- H. Cornhole board
- I. Redwood header board
- J. Shade shelter
- K. Prefabricated restroom building
- L. Prop 68 Sign

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Picnic Table: Shall be model Outdoor Creations model #114, 96" concrete picnic table, with wood grain timber finish or approved equal. Refer to Quote #Q4650. Available through Outdoor Creations, Inc. Chad Smith (530) 365-6106.

- B. Picnic Table-ADA: Shall be model Outdoor Creations model #114 LE, 96" concrete picnic table left entry, with wood grain timber finish or approved equal. Refer to Quote #Q4650. Available through Outdoor Creations, Inc. Chad Smith (530) 365-6106.
- C. Bench: Shall be Outdoor Creations model #427, 72" concrete bench with back and arm rests, with wood grain timber finish or approved equal. Refer to Quote #Q4650. Available through Outdoor Creations, Inc. Chad Smith (530) 365-6106.
- D. Bicycle Rack: Shall be MyTCoat model #BKW13-278-PC single loop bike rack with 2-7/8" OD galvanized steel tubing, or approved equal. Color to be Gray. Refer to Quote #41833. Available through All About Play, Dan Baxter (916) 923-2180.
- E. Trash Receptacle: Shall be MyTCoat #RSL32-G-00-000 model Skyline Trash Receptacle with 32 gallon ash bonnet top lid and rigid plastic liner, or approved equal. Color to be Gray with smooth finish and anti-graffiti coating. Refer to Quote #41833. Available through All About Play, Dan Baxter (916) 923-2180.
- F. Recycling Receptacle: Shall be MyTCoat #RSL32-G-00-000 model Skyline Recycling Receptacle with 32 gallon ash bonnet top lid and rigid plastic liner, or approved equal. Color to be Gray with smooth finish and anti-graffiti coating. Refer to Quote #41833. Available through All About Play, Dan Baxter (916) 923-2180.
- G. Barbeque Grill: Shall be MyTCoat model GSQ-24S-45-000, or approved equal. Color to be black. Refer to Quote #41833. Available through All About Play, Dan Baxter (916) 923-2180.
- H. Cornhole Board: Shall be Outdoor Creations model #1510 precast concrete corn hole set. Refer to Quote #Q4650. Available through Outdoor Creations, Inc. Chad Smith (530) 365-6106.
- I. Redwood Headerboard: Shall be per plan.
- J. Shade Shelter: Shall be per plan, pre-manufactured by Poligon with a multi rib metal roof. Refer to Quote #157395, or approved equal. Columns, Rafter & Purlin color to be Harbor Blue. Roof Panel color to be Preweathered Galvalume. Available through All About Play, Dan Baxter (916) 923-2180.
- K. Prefabricated Restroom Building: Shall be pre-purchased, pre-manufactured restroom building by Public Restroom Company provided by the District. Refer to Quote #11082-3/31/2022-1. Restroom to be installed by the vendor. Contractor

to prepare building pad with masonry sand and aggregate base and make utility connections per plans. See plans for proposed restroom and layout.

- L. Prop 68 Sign: Shall be per plan.

PART 3 - EXECUTION

- 3.1 LAYOUT: Prior to commencing installation, Contractor shall stake layout and request a review by the Landscape Architect to determine adjustments on site from locations shown on drawings.
- 1.2 INSTALLATION: All site accessories shall be installed per manufacturer's specifications.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 The contract unit prices paid for each PICNIC TABLE, PICNIC TABLE- ADA, BENCH, BICYCLE RACK, TRASH RECEPTACLE, RECYCLING RECEPTACLE, BARBEQUE, CORNHOLE BOARD, REDWOOD HEADERBOARD, SHADE SHELTER, PREFABRICATED RESTROOM BUILDING AND PROP 68 SIGN be full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involving PICNIC TABLE, PICNIC TABLE- ADA, BENCH, BICYCLE RACK, TRASH RECEPTACLE, RECYCLING RECEPTACLE, BARBEQUE, CORNHOLE BOARD, REDWOOD HEADERBOARD, SHADE SHELTER, PREFABRICATED RESTROOM BUILDING AND PROP 68 SIGN and related incidental work.

END OF SECTION 32 33 00

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SECTION 32 84 00 IRRIGATION

PART 1 - GENERAL

1.1 SCOPE

- A. Work in this section includes installation of a complete automatic irrigation system, including excavation for points of connection, trenching, piping, equipment, electrical components and incidentals related thereto.

1.2 QUALITY CONTROL

- A. Standards: Unless otherwise shown or specified, all materials and methods shall conform to section 20-2 of the State of California Department of Transportation Standard Specifications (DTSS) as they reasonably apply to this work except for measurement and payment requirements.
- B. All irrigation shall be provided and performed in accordance with the current County of Sacramento Standard Specifications and Details. Wherever these plans and the County's Standards conflict, the higher quality standard or specification will apply.
- C. Reviews: Contractor shall specifically request the following reviews prior to progressing with the work:
 - 1. Layout of system.
 - 2. Points-of-connection excavation.
 - 3. Trenching and pipe assembly.
 - 4. Coverage adjustment of all heads and valve box installation.
 - 5. Operation of system.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Quality: All materials shall be new and the best quality available unless otherwise specified. All materials shall be clearly marked by manufacturer on all material, containers, or certificates of contents for inspection.
- B. Plastic Pipe and Fittings: All mainline pipe shall be polyvinyl chloride (PVC) Schedule 40. Unless otherwise noted, all laterals shall be Schedule 40 pipe; solvent weld fittings, if used, shall be Schedule 40, or Schedule 80 as called for on

details. Solvent for piping shall be as recommended by manufacturer. All pipe shall be clearly labeled with manufacturer type and specification numbers.

- C. Control Wire: Type UF, 600 v. insulation, minimum size #14, copper, common to be white, valve control wire to be red or black, U.L. approved for irrigation control use; splices shall be "Scotch-Lok" seal pack, or equal.
- D. Valve Boxes: Precast concrete or plastic of type and size indicated; free of all cracks, chips or structural defects. Boxes located in pavement (asphalt or concrete) and/or subject to vehicular traffic shall be concrete and have heavy duty steel covers. Boxes shall be sized to provide a 4" minimum clearance around the irrigation equipment inside the box, excluding all pipes and fittings.
- E. Irrigation Equipment: Refer to drawings. Any desired substitutions require submittals in duplicate for specific written approval.
- F. Thread Sealant: Permatex Thread Sealant, part #14H, white in color.

PART 3 - EXECUTION

- 3.1 GRADING: Contractor shall be responsible for installing all irrigation features to their finished grade and at depths indicated. All rough grading shall be completed before trenching commences.
- 3.2 LAYOUT AND TRENCHING: All features of the irrigation system shall be staked and pipe alignments marked prior to trenching for review by the Owner's Representative.
- 3.3 BACKFILLING: Do not cover joints until system has been reviewed by the Owner's Representative. Backfill with damaging rocks and debris shall not be permitted. Compact all backfill and eliminate settlement. Previously prepared soil is to be replaced as the top six inches of backfill.
- 3.4 FABRICATION: Snake pipe from side to side when trench exceeds thirty feet in length. All manifolds shall be neat, orderly, and constructed for ease in maintenance operations. Construct manifolds to allow valve boxes to be parallel to each other and to adjacent walls, walks, curbs, and buildings. Cuts and joints shall be free of burrs, smooth, and minimum in quantity. All pipe above finish grade shall be galvanized unless noted otherwise.
- 3.5 PIPELINES: All pipelines shown parallel on the drawing may be installed in a common trench. Where pipelines are shown parallel or adjacent to shrub or groundcover areas,

they shall be installed in these areas. All changes in depth of pipe shall be accomplished using 45-degree fittings.

- 3.6 TESTING: Test mainline at 125 psi for six (6) hours. Test and repair as necessary until satisfactory test conditions are obtained.
- 3.7 CONTROL WIRE: Install control wire in pipe trenches wherever practical. Tape to underside of pipe every ten feet. Loop wire every 20 feet. Splices shall occur in valve boxes only and shall be accomplished utilizing approved connectors. All wire shall be installed below or level with the bottom of adjacent pipes. All wiring above finish grade shall be enclosed in steel conduit. Splices shall be installed in junction boxes.
- 3.8 ADJUSTMENTS: Adjust all heads for arc, radius, riser height, and distribution for uniform and optimum coverage. Such adjustments shall include nozzle changes without additional cost to Owner.
- 3.9 FINISH GRADE: Unless otherwise noted, all heads shall be set at finish grade and on double or triple swing joints as called for on drawings. The top of all valve boxes shall be flush with finish grade.
- 3.10 CONTROLLER CHART: Contractor shall clearly label and sequence stations for ease in maintenance operations. Station valves to operate as they are located around the site. Contractor shall complete all forms and labels shipped with and/or attached to the controller; attach his own name, address and phone number to the controller via a permanent label; and shall properly execute and file with Owner the controller and valve guarantees.
- 3.11 **IRRIGATION SYSTEM AUDIT:** Contractor shall coordinate and provide assistance to the certified irrigation auditor to complete the irrigation audit. The Contractor shall schedule the audits once the irrigation system is in operation. Provide a two week (14 day) notice for scheduling the audit. Contractor shall anticipate providing staff to assist auditor during the process, allow up to *1 day* at site.
- 3.12 RECORD DRAWING: Contractor shall regularly update a print of the system and any changes made to the system throughout the project. Features below ground shall be indicated with at least two measurements from surface features such as walks, building, or sprinkler heads. All changes shall be recorded on this plan before trenches are backfilled. The record drawing shall be completed and submitted to Owner before final payment shall be made for work installed.

PART 4 - MEASUREMENT AND PAYMENT

- 4.1 All work under this section shall be paid for at the lump sum price bid for IRRIGATION and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in IRRIGATION, and related incidental work.

END OF SECTION 32 84 00