



230 S. STERLING DRIVE, SUITE 100, MOUNTAIN HOUSE, CA 95391
(209) 831-2300 • (209) 831-5610 FAX

**CONTRACTOR AGREEMENT
TREE MAINTENANCE SERVICES**

CONTRACT ID # A-1920 - 14

DATE: 8/11/19

PARTIES: MHCSD: Mountain House
Community Services District
230 S. Sterling Dr, Ste 100
Mountain House, CA 95391

CONTRACTOR: West Coast Arborists, Inc.
2200 E. Via Burton
Anaheim, CA 92806

The Parties agree as follows:

1. Priority of Documents

Each of the items listed below is hereby incorporated into this Agreement by this reference. In the event of an inconsistency in this Agreement, the inconsistency shall be resolved by giving precedence in the following order:

- A. Applicable Federal and State of California statutes and regulations, this Agreement and its exhibits.
- B. CONTRACTOR'S Proposal dated April 10, 2019

2. Scope of Professional Services:

CONTRACTOR agrees to provide tree maintenance services, as detailed in the standards and specifications and maps described in Exhibit A, the scope of work described in Exhibit B, and the cost proposals described in Exhibit C, each attached hereto and incorporated fully herein.

3. Term of Agreement:

This Agreement shall commence on the date of execution by the MHCSD General Manager, and continue until June 30, 2023, unless said work is completed on a date prior thereto or unless terminated earlier as provided herein.

4. Compensation:

The compensation shall not exceed the amount of \$1,069,092 for services performed pursuant to this Agreement. Payments shall be made within 30 days of receipt of invoice from CONTRACTOR, in accordance with the Invoicing & Payments terms and conditions attached hereto as Exhibit D.

5. Standard of Performance:

CONTRACTOR shall perform all Work in a first-class manner in conformance with the standards of quality normally observed by a person practicing in CONTRACTOR's profession.

6. Inspection:

All Work performed and materials (if any) provided by CONTRACTOR shall be subject to inspection and approval by MHCSD.

7. Contractor's Warranties and Guarantee:

CONTRACTOR warrants to MHCSD that all materials and equipment furnished under this Agreement will be new unless District agrees otherwise in writing, and that all Work will be of good quality, free from faults and defects and in conformance with this Agreement. All Work not so conforming to these standards may be considered defective. If required by MHCSD, the CONTRACTOR shall furnish to MHCSD satisfactory evidence as to the kind and quality of materials, equipment and methods of installation by the CONTRACTOR.

CONTRACTOR shall guarantee the Work to be free of defects in material and workmanship for a period of one (1) year following MHCSD's acceptance of the Work ("Contractor's Guarantee"). As part of Contractor's Guarantee, CONTRACTOR agrees to make, at CONTRACTOR's sole cost and expense, all repairs or replacements made necessary by defects in material or workmanship which become evident within the one-year guarantee period.

8. Invoicing:

CONTRACTOR shall submit one original and one copy of each invoice to the MHCSD, 230 S. Sterling Drive, Suite 100, Mountain House, CA 95391. All invoices must reference this Contract ID Number, the service performed and the Federal Tax Payer Identification Number. Each invoice shall also identify (1) total contract amount (\$), (2) expenses to date (\$), (3) remaining funds per contract (\$), and (4) total amount due per invoice (\$). Payments will be made against invoices as submitted.

9. CONTRACTOR's Status:

In the performance of work, duties and obligations imposed by this Agreement, the CONTRACTOR is at all times acting as an Independent Contractor practicing his or her profession and not as an employee of MHCSO. CONTRACTOR shall perform the CONTRACTOR's work in accordance with currently approved methods and standards of practice in the CONTRACTOR's professional specialty. A copy of CONTRACTOR's current business license shall be provided to MHCSO. The CONTRACTOR shall not have any claim under this Agreement or otherwise against the DISTRICT for vacation, sick leave, retirement benefits, social security or worker's compensation benefits. The CONTRACTOR shall be responsible for federal and state payroll taxes such as social security and unemployment. MHCSO will issue a form 1099 at year-end for fees earned.

10. Assignment, Sub-Contracting, or Change of Ownership:

Inasmuch as this Agreement is intended to secure the specialized services of the CONTRACTOR, CONTRACTOR may not assign, transfer, delegate or subcontract their obligation herein without the prior written consent of MHCSO. Any such assignment, transfer, delegation or subcontract without the prior written consent shall be considered null and void.

11. Non-Exclusive Rights:

This Agreement does not grant to CONTRACTOR any exclusive privileges or rights to provide services to MHCSO. CONTRACTOR may contract with other agencies, private companies or individuals for similar services.

12. Compliance:

CONTRACTOR shall comply with all Federal, State and local laws, regulations and requirements necessary for the provision of contracted services. Furthermore, CONTRACTOR shall comply with all laws applicable to wages and hours of employment, occupational safety, and to fire safety, health and sanitation.

CONTRACTOR represents and warrants that CONTRACTOR possesses all licenses, permits, and qualifications legally required for the performance of the Work. CONTRACTOR shall, at CONTRACTOR's sole cost and expense, maintain all such licenses, permits and qualifications in full force and effect throughout the term of this Agreement.

13. Indemnification, Hold Harmless and Defense:

CONTRACTOR shall indemnify, defend with counsel acceptable to MHCSO, and hold harmless MHCSO and its officers, elected officials, employees, agents and volunteers from and against any and all liability, loss, damage, claims, expenses, and costs (including without limitation, attorney's fees and costs and fees of litigation) (collectively, "Liability") of every nature arising out of or in connection with CONTRACTOR's performance of the services called for or its failure to comply with any of its obligations contained in this

Agreement, except such Liability caused by the sole negligence or willful misconduct of MHCS D.

Notwithstanding the forgoing, to the extent this Agreement is a "construction contract" as defined by California Civil Code Section 2782, as may be amended from time to time, such duties of Consultant to indemnify shall not apply when to do so would be prohibited by California Civil Code Section 2782.

CONTRACTOR's obligation to defend and indemnify shall not be excused because of CONTRACTOR's inability to evaluate Liability or because CONTRACTOR evaluates Liability and determines that CONTRACTOR is not liable to the claimant. CONTRACTOR must respond within 30 days to the tender of any claim for defense and indemnity by MHCS D. If CONTRACTOR fails to accept or reject a tender of defense and indemnity within 30 days, in addition to any other remedy authorized by law, so much of the money due to CONTRACTOR under and by virtue of this Agreement as shall reasonably be considered necessary by MHCS D, may be retained by MHCS D until disposition has been made of the claim or suit for damages, or until CONTRACTOR accepts or rejects the tender of defense, whichever occurs first.

14. Insurance:

CONTRACTOR shall maintain insurance policies meeting or exceeding the general liability limits listed in this section. CONTRACTOR, if required to work on MHCS D property during the contract period, shall submit proof of insurance to MHCS D. Excluding workers' compensation and professional liability policies, the proof of insurance submitted must show Mountain House Community Services District, its officers, agents and employees named as Additional Insured. Insurance policy shall contain provisions that such policy may not be canceled except after thirty (30) days written notice to MHCS D, ten (10) days notice if cancellation is due to nonpayment of premium.

CONTRACTOR agrees that CONTRACTOR is responsible to insure that the requirements set forth in this section are also be met by CONTRACTOR'S subcontractors/consultants who provide services pursuant to this Agreement. Copies of insurance certificates shall be filed with MHCS D.

General Liability Limits

1.	BI & PD combined/per occurrence	\$1,000,000
	/Aggregate	\$1,000,000
2.	Personal Injury/Aggregate	\$1,000,000
3.	Professional Liabilities	\$1,000,000

Workers' Compensation and Employer's Liability

Statutory requirement

15. Discrimination:

CONTRACTOR shall not discriminate in the provision of service or in the employment of persons engaged in the performance of this Agreement on account of race, color, national origin, ancestry, religion, gender, marital status, sexual orientation, age, physical or mental disability in violation of any applicable local, state or federal laws or regulations.

16. Notices:

Any notice required to be given pursuant to the terms and provisions hereof shall be in writing and shall be effected by personal delivery or by first class mail, registered or certified, postage prepaid, return receipt requested. Unless otherwise designated by either party in writing, such notices shall be mailed as shown on the first page of this Agreement.

17. Termination:

If the CONTRACTOR breaches or habitually neglects the CONTRACTOR's duties under this Agreement without curing such breach or neglect upon fifteen (15) working days written notice, MHCS D may, by written notice, immediately terminate this Agreement without prejudice to any other remedy to which MHCS D may be entitled, either at law, in equity, or under this Agreement. In addition, either party may terminate this Agreement upon sixty (60) days written notice to other party.

In case of termination by MHCS D for nonperformance, MHCS D may contract or cause to be done any work not completed at the time of the termination. Payment to CONTRACTOR shall be reduced by the cost of the work. If it is determined the CONTRACTOR has not performed the work satisfactorily under a provision of this contract, a non-credit status may be enforced during this period on "noncompliance." This prorate shall be based on the total yearly amount for labor divided by the working days available. If a non-credit status is imposed due to the CONTRACTOR's nonperformance and/or noncompliance to the specifications and provisions contained herein or any other work applicable under this contract, it is agreed that MHCS D may withhold payment for the value of the disputed work until the nonperformance or noncompliance is corrected. If not correctable, MHCS D may deduct from any payment due, the value of the work that was either not performed or not in compliance with the specifications. This provision shall have no effect on any other rights the District may have under this contract.

18. Conflict of Interest Statement:

CONTRACTOR covenants that CONTRACTOR, its officers or employees or their immediate family, presently has no interest, including, but not limited to, other projects or independent contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement no person having any such interest shall be employed or retained by CONTRACTOR under this Agreement. CONTRACTOR shall not hire MHCS D's employees to perform any portion of the work or services provided for herein including secretarial, clerical and similar incidental services except upon the written approval of MHCS D.

CONTRACTOR shall exercise reasonable care and diligence to prevent any actions or conditions that could result in a conflict with the best interest of the District. This obligation shall apply to CONTRACTOR's employees, agents, sub-Contractors, or other parties associated with accomplishing the work. CONTRACTOR's efforts shall include, but not be limited to, establishing precautions to prevent its employees or agents from making, receiving, providing, or offering gifts, entertainment, payments, loans, or other considerations which could be deemed to appear to influence individuals to act contrary to

the best interest of the District. Performance of services under this Agreement by associates or employees of CONTRACTOR shall not relieve CONTRACTOR from any responsibility under this Agreement.

19. Drug Free Workplace:

CONTRACTOR shall comply with the provisions of Government Code Section 8350 et seq., otherwise known as the Drug-Free Workplace Act.

20. Force Majeure

It is agreed that neither party shall be responsible for delays in delivery or acceptance of delivery or failure to perform when such delay or failure is attributable to Acts of God, war, strikes, riots, lockouts, accidents, rules or regulations of any governmental agencies or other matters or conditions beyond the control of either the seller/contractor or the purchaser.

21. Form Law:

The Laws of the State of California shall govern this Agreement. Venue is San Joaquin County. The provision of this paragraph shall survive expiration or other termination of this Agreement regardless of the cause of such termination.

22. Documents:

All drawings, specifications, documents and other memoranda or writings relating to the work and services hereunder, shall remain or become the property of MHCS D whether executed by or for the CONTRACTOR for MHCS D, or otherwise by or for the CONTRACTOR, or by or for a subcontractor operating under the CONTRACTOR'S supervision, or direction, and all such documents and copies thereof shall be returned or transmitted to MHCS D forthwith upon termination or completion of the work under this Agreement.

23. Records; Audit:

Contractor's financial books, employment records, maintenance related records, and plans or such part thereof as may be engaged in the performance of this contract, shall at all reasonable times be subject to inspection and audit by any authorized representative of the District unless otherwise protected by applicable laws.

24. Attorneys' Fees:

If a party to this Agreement brings any action, including an action for declaratory relief, to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees in addition to any other relief to which such party may be entitled.

25. Waiver:

No waiver of any breach of any covenant or provision of this Agreement shall be deemed a waiver of any other covenant or provision hereof, and no waiver shall be valid unless in writing and executed by the waiving party. An extension of time for performance of any obligation or act shall not be deemed an extension of the time for performance of any other obligation or act, and no extension shall be valid unless in writing and executed by the waiving party.

26. No Third Party Beneficiaries:

Nothing contained in this Agreement is intended to or shall be deemed to confer upon any person, other than the parties, any rights or remedies hereunder.

27. Headings:

The headings of the sections and exhibits of this Agreement are inserted for convenience only. They do not constitute part of this Agreement and are not to be used in its construction.

28. Non-Liability of Officials, Employees and Agents:

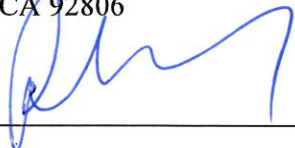
No officer, official, employee or agent of MHCSD shall be personally liable to CONTRACTOR in the event of any default or breach by MHCSD or for any amount which may become due to CONTRACTOR pursuant to this Agreement.

29. Entire Agreement and Modification:

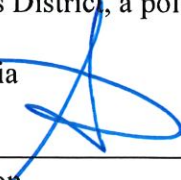
This Agreement supersedes all previous Agreements either oral or in writing and constitutes the entire understanding of the parties hereto. No changes, amendments or alterations shall be effective unless in writing and signed by both parties.

IN WITNESS WHEREOF, MHCS D and CONTRACTOR have executed this Agreement on the day and year first written above.

West Coast Arborists, Inc.
2200 E Via Burton
Anaheim, CA 92806

By: 
Contractor
Patrick Mahoney, President

Mountain House
Community Services District, a political
subdivision of
the State of California

By: 
Steven J. Pinkerton
General Manager

Date: 8/15/19

Approved as to Form:


By: 
John D. Bakker
Interim General Counsel

EXHIBIT A

GENERAL TREE MAINTENANCE STANDARDS AND SPECIFICATIONS AND MAPS

Definitions:

All references herein to "District" shall mean the Mountain House Community Services District or District's Authorized Representative. All references to "MHCS D" shall mean Mountain House Community services District.

Overview:

The scope of work consists of the complete maintenance of all trees, described in this specification within the District Right of Way (ROW) located in parks, arterials, roadways and facilities within MHCS D.

The intent of the District is to maintain our urban forest for optimum appearance and health as determined by the District Representative. The Contractor shall maintain such appearance. Any discrepancies in the understanding of this clause shall be resolved in a manner as determined by the District Representative. Each Contractor shall be responsible for researching the existing conditions and matters that affect the cost or performance of the services.

A. GENERAL STANDARDS

1. Terms:

These terms are in addition to those in the Contractor Agreement—Tree Maintenance Services executed by the parties.

2. Quality of Work:

The Director of Public Works, or his designated representative, shall be the sole judge as to the adequacy and quality of maintenance. Where the Director of Public Works is mentioned in these General Provisions, it shall be noted that his designated representative may act in his behalf regarding administration of this agreement. To insure consistent quality of the work being performed, the District Representative may inspect all areas covered by this contract within 24 hours after work is scheduled to be performed for the month. Any deficiencies shall be recorded on the Performance Deficiency Notification form and submitted to the contractor for review and corrective action. After the correction period allowed in the Performance Deficiency Notification form has passed, the District represent shall re-inspect the deficient work and complete and submit a Performance Deficiency Status Memo to the Contractor. Any deficiencies not corrected shall result in the value of the work deducted from the monthly payment to the Contractor. The bid prices quoted by the contractor in the Service Area and/or Extra Work Pricing Sheets shall be used to determine the dollar value of any deficiencies.

3. Locations:

See Maps— Exhibits A.1: Arterial Grid, A.2: In Tract Grid, A.3: Parks and Loops, A.4: Creek, A.5: District Facilities, A.6: Palm Trees,

4. Rights Reserved:

- a. **Rejection of Work.** Contractor agrees that MHCS D has the right to make all final determinations as to whether the work has been satisfactorily completed.
- b. **Completion of Work.** If Contractor fails to comply with the conditions of the contract, or fails to complete the required work or furnish the required materials within the time stipulated, MHCS D reserves the right to purchase in the open market, or to complete the required work, at the expense of the Contractor, including but not limited to, by recourse to provisions of the performance bond if such bond is required under the conditions of this Proposal. The original Contractor can be liable for any resulting increased costs.

5. Changes to Document:

Any changes beyond this document shall occur only when ordered in writing by the MHCS D Public Works Director or Authorized Representative. In absence of such written order, any such product supplied or work performed shall be considered unauthorized and will not be paid.

6. Prevailing Wage:

It shall be mandatory upon the Contractor to whom the contract is awarded to pay not less than the said prevailing rates of wages to all workers employed by the firm in the execution of the contract. The Contractor will be required to comply with the California Labor Code, Article 2, Section 1770 through 1780 inclusive and Article 5, Section 1810 through 1861 inclusive. (Laws and Regulations governing the payment of prevailing wages). The Contractor shall pay its employees the general prevailing rate of wages as determined by the Director of the Department of Industrial Relations. Contractor and any of their subcontractors shall keep an accurate payroll record showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed. The payroll records shall be certified, available for inspection, and copies thereof furnished with the payment requests as prescribed in Section 1776 of the Labor Code. Contractor shall keep the District informed as to the location of the records and shall be responsible for the compliance with these requirements by all subcontractors. The provisions of Article 2 and 3, Division 2, Chapter 1 of the Labor Code, State of California, are made by this reference a part of this solicitation.

7. Safety Requirements:

Whenever the Contractor's operations create a condition that is potentially hazardous to traffic or to the public, he shall furnish, erect and maintain at his expense and without cost to MHCS D, flagman and/or control devices as are necessary to prevent accidents, damage, or injury to the public. Signs, lights, flags, and other warning and safety devices shall conform to the requirements set forth in the current Work Area Traffic Control Handbook, published by Building News, Inc.

8. Specifications:

All changes in specifications and/or contract requirements will be issued in writing. MHCS D is not responsible for any oral instruction.

10. Penalty Assessments:

Deficiency Notices shall be issued due to lack of response, performance and contractor neglect as listed throughout this agreement. Monetary penalties shall accompany these notices. The Deficiency Notice shall include date, reason for penalty and monetary amount of penalty.

B. CONTRACTOR'S RESPONSIBILITY

1. Experience:

Prior to contract award, the successful Proposer for this contract shall be required to demonstrate to the District that they can successfully perform maintenance work of the type involved in this contract and possesses suitable equipment to perform the work.

2. Locality of Office and Yard:

The Contractor shall maintain a local office with a competent representative who can be reached during normal working hours or emergencies who is authorized to make decisions on matters pertaining to this contract with the District. Field facilities that support daily operations must be within forty (40) miles of the District.

3. Equipment List:

- a. The District reserves the right to determine the capability of the equipment and to reserve acceptance or rejection of deficient equipment.
- b. All Proposers must provide a list of equipment they will use to fulfill the contract. This list must include the make, model, year of equipment and whether the equipment is owned or leased.
- c. All equipment necessary to provide the specified maintenance shall be provided and maintained by the Contractor. Equipment shall be safe, proper, efficient, and suited to and for the job.
- d. The Contractor shall maintain all equipment in prime working order; all cutting blades shall be kept sharp.
- e. Equipment shall have all required safety devices in place and in operation.
- f. Installed equipment or replacement equipment shall be in new condition.
- g. Equipment operation times and noise levels shall comply with MHCSO requirements.

4. Dead or Declining Trees:

- a. Prior to commencing work, the Contractor shall accept all trees within the scope of work in writing as viable and healthy, noting any exceptions. The District Representative and the Contractor shall agree on the status of all exceptions. Documentation of the status of the tree inventory at the commencement of work shall be the Contractor's responsibility.
- b. The Contractor shall restore or replace at his/her own expense, any tree(s) requiring restoration or replacement due to the Contractor's actions or failure of action, including trees severely damaged by pests or disease.
- c. The Contractor shall not be liable for tree losses due to maladies beyond the Contractor's

control; this includes but is not limited to disease or insect attack for which there is no legal recommended control, acts of vandalism, earthquakes, fires, and the like.

- d. Trees that fail because of improper maintenance or as the result of toxicity from Contractor applied chemical or other materials shall be replaced by the Contractor at no cost to MHCS D.

5. Licenses and Permits:

The Contractor shall, prior to submitting the Proposal, and for the duration of the contract period, possess all licenses and permits required for the performance of the work required by this contract as follows:

- a. Contractor must possess a California Qualified Pest Control Applicators License with categories "B" and "C".
- b. The Contractor must employ, or contract with, a person possessing a valid Pest Control Advisers License.
- c. All personnel supervising employees that apply and handle pesticides shall possess a valid Qualified Applicator's certificate in the applicable categories.
- d. All employees that apply and handle pesticides shall be trained and certified by qualified trainers annually.
- e. No Proposal shall be considered from a Proposer who, at the time the Proposal is submitted, is not licensed (D-49) to contract for this project in accordance with the law under provisions of Division 3, Chapter 9, of the Business and Professions Code of the State of California.
- f. In the event of a dispute as to the classification of the license required, the opinion of the Contractor's State License Board shall prevail. This requirement is not a mere formality, and it shall not be waived.
- g. All vehicle operators performing work on this project shall have a valid State of California driver's license for the class of vehicle being operated.
- h. While working in the District all vehicles shall have signage on two sides of each truck stating "Authorized Contractor for the Mountain House CSD"; with Name of Company, Phone number(s) of Company and State Contractor's license number(s).

6. Personnel – Minimum staffing levels/Supervision & Certifications/Vehicles:

- a. The Contractor and/or his/her representative shall be experienced in tree maintenance and preferably have academic education in Arboriculture and/or Urban Forestry. They shall be qualified to analyze any problems with our urban forest and provide reports and solutions to the District on dealing with such problems.
- b. The Contractor shall supply MHCS D with a listing of employee experience, degrees and certifications.
- c. Supervision: The Contractor shall assign adequate supervisory personnel to be on site each working day, working regular working hours, for the duration of this contract. The Contractor and the assigned supervisor shall have expertise and experience in comprehensive maintenance of trees in a municipality. The assigned supervisor(s) must be fluent in the English language (written and spoken), and must be able to communicate effectively with District Authorized Representatives, the public and subordinate staff. There shall be regular meetings on site with the Contractor and the District to determine progress

and to establish areas requiring attention to meet specifications. District shall retain the right to schedule meetings at any frequency.

- d. Certification: Contractor must assign one Arborist that will be responsible for identifying and planning necessary pruning as well as recommending/requesting specific chemical applications and scheduling changes.
- e. The work force shall consist of U.S. citizens and/or legal residents.
- f. Contractor shall supply MHCS D an Organizational Flow Chart of the Company and Management/Employees specific to Mountain House.
- g. The work force shall be directly employed and supervised by the Contractor. The work force shall be under supervision at all times while working in MHCS D landscape areas. The Authorized MHCS D Representative shall be notified of all changes in supervision. All supervisors must speak English.
- h. No subcontract may be entered into by the contractor without the prior approval of the MHCS D General Manager. Should the MHCS D General Manager approve such subcontract, Landscaper shall continue to be primarily responsible for the performance of each term and condition of this contract and to ensure full compliance by its subcontractor to the satisfaction of MHCS D.
- i. The employees shall present a neat, well-groomed appearance at all times. The employees shall act in a courteous, professional manner at all times while working on the project. Every effort shall be made to perform the work while creating minimum disturbance to MHCS D landscape areas, residents, owners or visitors. Any employee who is determined by the Authorized MHCS D Representative to be incompetent, disorderly, intemperate or otherwise objectionable in light of these specifications and public safety concerns shall be immediately removed from the project and replaced with a satisfactory replacement.
- j. Uniforms: The Contractor shall pay for and bear the maintenance cost of uniforms for all employees working on the project. The uniforms shall be as identified in writing and submitted to the Authorized MHCS D Representative annually for approval. The uniform shall be worn as a complete unit and be fitted properly. The uniform shall be clean daily with no rips, tears or permanent stains present.
- k. Vehicles: All vehicles used on the project shall be no older than ten (10) years, unless otherwise approved by MHCS D, and maintained in good mechanical and body repair. All vehicles shall be clean with the exterior paint in a good condition at all times.
- l. All vehicles shall bear the Contractor's company name, which is visible on both sides of the vehicle. Each vehicle shall be equipped with tool and equipment racks to hold all tools and equipment in a neat and orderly fashion. All vehicles shall have signage on two sides of each vehicle stating "Authorized Contractor for the Mountain House CSD"; with Name of Company, Phone number(s) of Company and State Contractor's license number(s).

7. Underground Alert:

The Contractor shall comply with the requirements of Assembly Bill 73. The law states that, "...every person planning to conduct any excavation is required to contact a regional notification center at least 2 days prior to excavation" Assembly Bill 73 defines excavation as, "any operation in which earth, rock, or other material in the ground is moved, removed or otherwise displaced by means of tools, equipment, or explosives in any of the following ways: grading, trenching, digging, ditching, drilling, auguring, tunneling, scraping, cable or pipe and driving, or any other way.

8. Accident Investigation:

Any duty-related incident which results in any injury shall be reported to MHCS D's designated representative within one (1) hour by the contractor. Contractor shall cooperate fully with MHCS D in the investigation of any incident, injury or death occurring on MHCS D property including a complete written report submitted by Contractor to MHCS D's designated representative, or designated representative, within 24 hours following the occurrence.

- a. Should any structure or property be damaged during permitted or contracted tree operation, the persons conducting the work shall immediately notify the property owners and MHCS D's designated representative within one (1) hour.
- b. Contractor shall make all arrangements for repairs. Repairs to property damage are to be completed within forty eight (48) hours, except utility lines, which shall be repaired the same working day.
- c. Contractor shall be solely responsible for contacting all utilities, neighboring property owners, and contractors required to complete such repairs.
- d. Repairs on private property shall be made in accordance with the appropriate building code under permits issued by MHCS D as applicable.
- e. Any damage caused by the permitted or contracted persons shall be repaired or restored by them at their expense to a condition similar or equal to that existing before such damage or injury, or they shall repair such damage in a manner acceptable to MHCS D.
- f. Contractor's responsibility shall be continuous and not be limited to working hours or days.

C. INSPECTIONS

MHCS D's designated representative shall be furnished with every reasonable means for ascertaining full knowledge of the daily tree maintenance operations involving the workmanship, character of materials and equipment used and employed in the work.

1. Each day work is being performed, the Contractor shall be required to provide MHCS D's designated representative, with a written schedule of all daily tree maintenance operations including but not limited to trimming, planting, removals, stump grinding, root pruning, and watering.
2. Inspection of the work shall not relieve the Contractor of any obligations to complete the work as outlined in this document.
3. Defective work shall be corrected even if the defective work was not pointed out during the initial inspection and the work was accepted for payment.
4. Any work found to be unacceptable will be noted in writing to Contractor. Upon receipt of notice of any deficiencies, the Contractor shall make a reasonable effort to correct the deficiencies within five (5) working days.
5. If unacceptable conditions are not corrected within this time period the MHCS D Designated Representative will issue a Failure to Respond notice and shall result in a \$300 penalty per incident.
6. Failure to respond to an emergency when contacted shall subject the Contractor to any and all primary or secondary costs arising from said emergencies being remedied by other contractors due to non-responsiveness and may result in termination of contract.

D. MINOR SPECIFICATION MODIFICATIONS AND/OR ADDITIONAL SCOPE

The District may modify these specifications with the joint approval of the Contractor and the General Manager or assignee. All modifications shall be in writing.

1. In the event that MHCS D should require additional work beyond the requirements of these specifications, the Contractor shall perform all work based on the unit prices rate schedule provided in with Contractor's bid.
2. Additional work may be added to the agreement work as the need arises. The Contractor shall perform all specified and approved additional work at the unit prices submitted with the Contractor's bid.
3. Contractor will be required to demonstrate the ability to properly execute the expanded workload with the necessary increase in labor, materials and equipment needed to complete the additional work in a timely manner.

DI. ADDITIONS/DELETIONS

The District with a thirty days written notice may submit additional (new) trees to be maintained by the Contractor. These trees may be located in the right-of-way or setback. Property in the right-of-way will become part of MHCS D landscape areas.

1. Upon written notice from MHCS D, the Contractor shall add these trees in these areas to the maintenance contract.
2. The Contractor shall submit updated Tree Plan and pricing.
3. All such changes shall only be made upon written notification in the form of a change order approved by the Director of Public Works or the assigned representative, which shall clearly state the effective date of the change, the adjusted contract amount and the scope of any changes.
4. The contract amount shall be adjusted to reflect the additions or deletions.
5. Prior to commencing work on additional sites, the Contractor shall meet with the District Representative to review maintenance requirements for the additional sites.

DII. EMERGENCY CALLS

The Contractor shall have the capability to receive and to respond immediately to calls of an emergency nature during normal working hours and during hours outside of normal working hours. Calls of an emergency nature, received by the District, may be referred to the Contractor for immediate response.

1. Emergency calls relayed and reported by use of Govoutreach, Gorequest, email, text, cell phone, etc. shall be considered valid forms of communication.
2. Social media sites related to the Mountain House Community are recommended in monitoring emergencies, however, they are not required.
3. Contractor shall respond to emergency calls by use of Govoutreach, Gorequest, email, text, cell phone, etc. within (30) minutes and shall notify the District Representative of estimated time of arrival (ETA) to the emergency.
4. Contractor shall report on-site (2) hours from time of notification and shall notify the District Representative upon arrival and completion of the call-out and the work performed.
5. Contractor shall designate a person(s) who shall be available to respond to emergency calls through Govoutreach, Gorequest, email, text, cell phone, etc. 24 hours per day.
6. Contractor shall submit telephone number(s) to the District that can be used to obtain emergency service on a 24-hour basis.

7. Upon arriving at an emergency it shall be the responsibility of the Contractor to eliminate all unsafe conditions that would adversely affect the health, safety or welfare of the public or notify the District Representative if that is not possible. Failure to respond within two (2) hours of attempt to contact shall result in a \$300 penalty per incident. Failure to respond to an emergency when contacted shall subject the Contractor to any and all primary or secondary costs arising from said emergencies being remedied by other contractors due to non-responsiveness and may result in termination of contract.

G. SAFETY REQUIREMENTS

All work performed under this contract shall be performed in such a manner as to provide maximum safety to the public, and where applicable, comply with all laws, regulations, and applicable safety standards required by CAL-OSHA, the Work Area Traffic Control Handbook (W.A.T.C.H.) and the State of California Manual of Traffic Controls. Contractor is responsible for all safety and traffic controls during any approved lane closures and traffic detours approved by MHCSO.

The District reserves the right to issue restraint or cease and desist orders to the Contractor when unsafe or harmful acts are observed or reported relative to the performance of the work under this contract.

1. Hazardous Conditions:

The Contractor shall maintain all work sites free of hazards to persons and/or property resulting from the contractor's operations. Any hazardous condition noted by the Contractor, which is not a result of his operations, shall be immediately reported to the District Representative.

2. Spills/Leaks:

The Contractor must submit a written plan for the emergency clean-up of any leaks or spillage of hydraulic fluid, oils, pesticides and any other potentially hazardous materials. The contractor shall prevent any material from entering the catch basins and storm drain system and will be responsible for the cost of any clean up resulting from their failure to protect the storm drain system.

3. Traffic Control:

During the progress of the work, adequate provision shall be made by the Contractor to accommodate normal traffic over public streets and park roadways to cause a minimum of inconvenience to the public. The Contractor shall hold the District harmless from all claims arising from any act or omission on his/her part pertaining to any injury, death or damage to any person or property by reason of any use of any street by anyone while the Contractor is working or has any equipment or barricades thereon.

- a. The Contractor shall comply with all local, County, State or other legal requirements including, but not limited to, full compliance with the terms of the applicable O.S.H.A. and CAL O.S.H.A. Safety Orders at all times so as to protect all persons, including Contractor's employees, agents of MHCSO, vendors, members of the public or others from foreseeable injury or damage to their property.
- b. Employees performing work in the median shall wear an approved ANSI Class II safety vest as an outer garment at all times.
- c. Means of ingress and egress for occupants of property or buildings shall be provided at all times unless otherwise approved by the District.
- d. Contractor shall notify the District Representative of intent to begin work at least five (5) days before work is begun if the work shall include the closure of any traffic lane unless the work is of a re-occurring nature, and a one-time submittal of a traffic control plan was

- completed and approval received prior to the initiation of the work.
- e. The Contractor shall cooperate with local authorities and all other District departments relative to handling traffic through the area and shall make his/her arrangements relative to keeping the working area clear of vehicles.
 - f. When entering or leaving roadways carrying traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.
 - g. All traffic delineation and work area protection shall conform to the Work Area Traffic Control Handbook (W.A.T.C.H.) and the State of California Manual of Traffic Controls.
 - h. All lane closures shall require the completion and District approval of a traffic control plan prior to conducting any work.
 - i. Contractor shall provide a Type B flashing sign arrow boards for all lane closures according to the W.A.T.C.H. manual.
 - j. The Contractor shall make every effort to keep commercial driveways open during working hours. After working hours, all driveways shall be accessible with smooth and safe crossing through the construction area.
 - k. Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation shall be allowed therefore.
 - l. The Contractor shall not close a traffic lane between the hours of 7:00 - 9:00 AM and 4:00
 - m. - 6:00 PM without prior approval by the District Representative.
 - n. The Contractor shall not close any traffic lanes near Mountain House High School between the hours of 6:00 - 10:00 AM and 2:00 - 6:00 PM without prior approval by the District Representative.

H. SOUND CONTROL REQUIREMENTS

The Contractor shall comply with all local sound control and noise level rules, regulations, and ordinances, which apply to any work performed pursuant to the contract. No pruning operations, use of equipment or tools shall begin before 7:00 a.m.

The Contractor shall accomplish all normal work required under this contract between the hours of 7:00 a.m. and 4:00 p.m., Monday through Sunday including Holidays. The District may grant, on an individual basis, permission to perform contract maintenance at other hours.

Each internal combustion engine used for any purpose on the job or related to the job shall be equipped with a muffler of a type recommended by the manufacturer of such equipment. No internal combustion engine shall be operated on the project without said muffler.

I. PROTECTION AND PRESERVATION OF PROPERTY

The Contractor shall be held responsible for the preservation of all public and private property along and adjacent to the work area, and shall be required to exercise due caution to prevent any damage or injury, thereto, as a consequence of his/her operation. All trees, shrubs, ground covers, fences, warning signals, street signs, walks, walls, structures, stairways or other property shall be adequately protected and should not be removed or disturbed without permission from the District. Any damage to MHCS D property caused by the Contractor's neglect shall be corrected and paid for by the Contractor at no cost to MHCS D. If Contractor fails to correct damages within forty-eight (48) hours, MHCS D may arrange to have the damages corrected and bill Contractor.

The Contractor shall be responsible for repairing/replacing of any existing plant material or

irrigation systems in public or private landscapes damaged during maintenance operations, to their original condition at Contractor expense. Any damage to landscape areas shall be reported to the District immediately.

Any duty-related incident which results in any injury shall be reported to MHCS D's designated representative within one (1) hour by the contractor. Contractor shall cooperate fully with MHCS D in the investigation of any incident, injury or death occurring on MHCS D property including a complete written report submitted by Contractor to MHCS D's designated representative, or designated representative, within 24 hours following the occurrence.

J. PUBLIC / CONTRACTOR RELATIONS

Contractor shall maintain good public relations at all times. The work shall be conducted in a manner that shall cause the least possible interference or annoyance to the public.

MHCS D reserves the rights to contract for and perform other or additional work on or near the work covered by these specifications. When separate contracts are let within the limits of any one project, each contractor shall conduct his work so as not to interfere with or hinder the progress or completion of the work being performed by other contractors. Contractors working on the same project shall cooperate with each other as directed. Each contractor involved shall assume all liability, financial or otherwise, in connection with his contract and shall protect and hold harmless MHCS D from any and all damages or claims that may arise because of inconvenience, delays, or loss experienced by him because of the presence and operations of other contractors working within the limits of the same project.

K. INCLEMENT WEATHER

During the periods when inclement weather hinders or prevents normal maintenance operations, the Contractor shall adjust his work force in order to accomplish those activities that are not affected by weather.

The Contractor shall immediately notify the District Representative when the work force has been removed from the job site due to inclement weather or other reasons.

During periods of storms, the Contractor will provide supervisory inspection of the project during regular hours to prevent or minimize possible damage from inclement weather. The Contractor shall submit a report identifying any storm damage to the Authorized MHCS D Representative attached to a site map identifying location of damage and cost estimate to repair/replace. If remedial work is required beyond the Contractor's scope of work, it shall be considered as extra work.

L. DESCRIPTION OF CONTRACTED SERVICES

Furnish all labor, equipment, materials, and supervision to perform tree maintenance as described herein including, but not limited to, the following:

- tree trimming;
- tree removal;
- tree planting;
- Fruit removal;
- root barrier and installation;

- root pruning;
- pesticide application;
- disposal, clean up, and recycling of green waste;
- emergency services; and
- electronic management of all work records, tree inventory, tree tagging and software updating

M. PROVISIONS FOR EXTRA WORK

1. No new or additional work of any kind shall be considered an extra unless a separate estimate is given for said work and the estimate is approved in writing by the District Representative before the work is commenced. The Contractor will be required to provide before and after photographs of safety items or emergency repairs which were made without prior District approval. Documentation of contract compliance may be required on some occasions.
2. The Contractor shall maintain records sufficient to distinguish the direct cost from other operations, and shall invoice extra work on forms furnished by the Contractor, itemizing all costs for labor, materials, and equipment rental according to unit cost located in the Detailed Pricing Sheet unit pricing.
3. Should a change or extra work be found necessary by the District, all changes and extra work shall be performed at the Detailed Pricing Sheet unit pricing.
4. If the work is not listed in the Unit Pricing Sheet, the Contractor shall submit a fair cost for the work to be performed. A change order authorization, in writing, will be issued by the District.
5. The District reserves the right to increase or decrease the quantity of any item(s) or portion(s) of the work described in the specifications or the proposal form or to omit portions of the work so described as may be deemed necessary or expedient by the District Representative. The Contractor shall agree not to claim or bring suit for damages, whether for loss of profits or otherwise, on account of any decrease or omission of any kind of work to be done. The District shall reduce the price accordingly. Alterations, modifications or deviations from the work described in the scope of services by Contractor shall be subject to the prior written approval of the District. Any price adjustments shall be made by mutual consent of the parties in that case.

MI. PENALTY FOR NON-CONFORMANCE WITH SPECIFICATIONS

Contractor shall not be deemed to be in default if performance of the obligations required by this contract is delayed, disrupted, or becomes impossible because of any act of nature, war, earthquake, fire, strike, accident, civil commotion, epidemic, act of government, its agencies or offices, or any other cause beyond the control of the parties ("Force Majeure"). Upon occurrence of any such event, Contractor shall operate within landscaped areas on a "best reasonable effort" basis and shall not be responsible for damages, fines, penalties, or claims resulting there from. If there is a reduction of services, payments shall be reduced subject to a mutually negotiated change. If Contractor incurs additional expenses of more than \$1,000 hereunder, it shall be subject to a mutually agreed change in price.

Deficiency Notices shall be issued due to lack of response, performance and contractor neglect as listed throughout this agreement. Monetary penalties shall accompany these notices. The Deficiency Notice shall include date, reason for penalty and monetary amount of penalty. The Deficiency Notice and dollar amount of each penalty shall be submitted with monthly invoicing and deducted from the monthly invoiced amount.

O. TREE GUARANTEE AND/OR REPLACEMENT POLICY

1. Contractor shall replace existing trees if they die due to Contractor's negligence.
2. All replacement trees shall be inspected and approved by The District prior to installation.
 - a. All tree pruning, removals and installations shall conform to MHCSD Landscape Specifications and Details.
3. Warrantee: Replacement trees shall be warranted for the full term of the contract against defect in both workmanship and materials.

Exhibit A.1: Arterial Grid

ARTERIAL ROAD TREES



Key Information

Arterials North to South (A01, A02, A06, A09)

The total square feet include the intersection corners, medians, connected alleyways, and pedestrian connectors.

Arterials West to East (A03, A04, A05, A07, A08, A10)

The total square feet for arterials running west to east include medians, connected alleyways and pedestrian connectors.

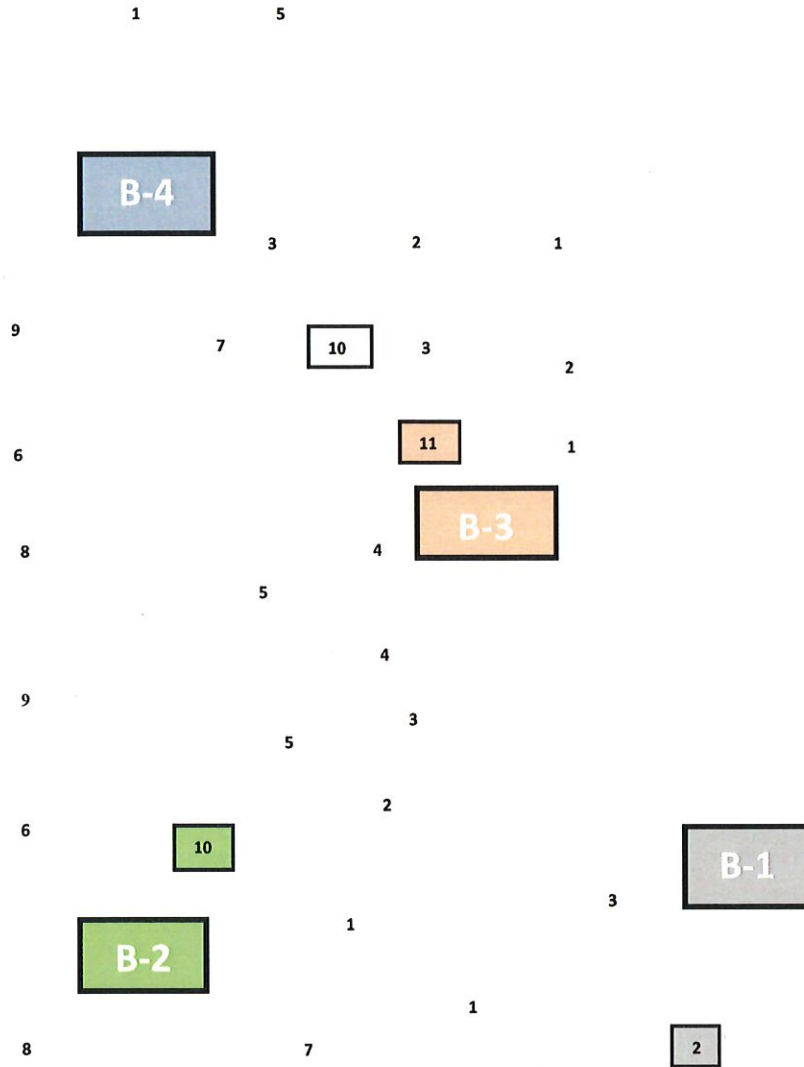
Future Areas (De Anza Phase 3, Grant Line Road)

The MHCS D has not accepted areas highlighted in red and shall not be included in this bid.



Exhibit A.2: In Tract Grid

INTRACT TREE MAP



Key Information

Intract Features

(B-1, B-2, B-3)

Includes traffic circles
interior alleyways and
islands. (Highlighted in yellow)

Future Areas (B-

4)

The MHCSD has not
accepted areas highlighted
in red and shall not be
included in this bid.

CORDES VILLAGE

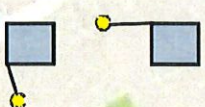
HANSEN VILLAGE



N

MHCS D Tree Maintenance RFP

maintain
omes



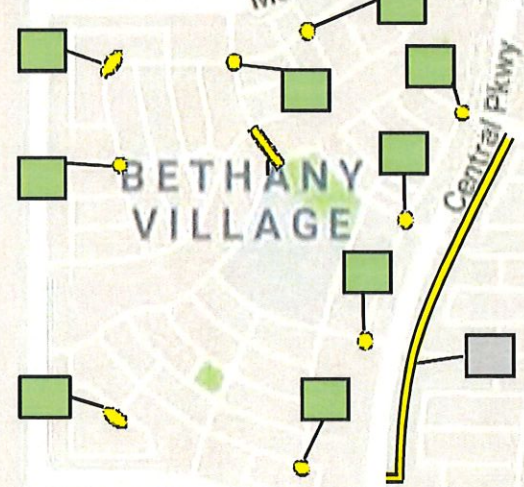
J4

QUESTA VILLAGE



Altamont Park

Mountain House



BETHANY VILLAGE

W Arnaudo Blvd

Wicklund Park

Mustang Way



W Grant Line Rd

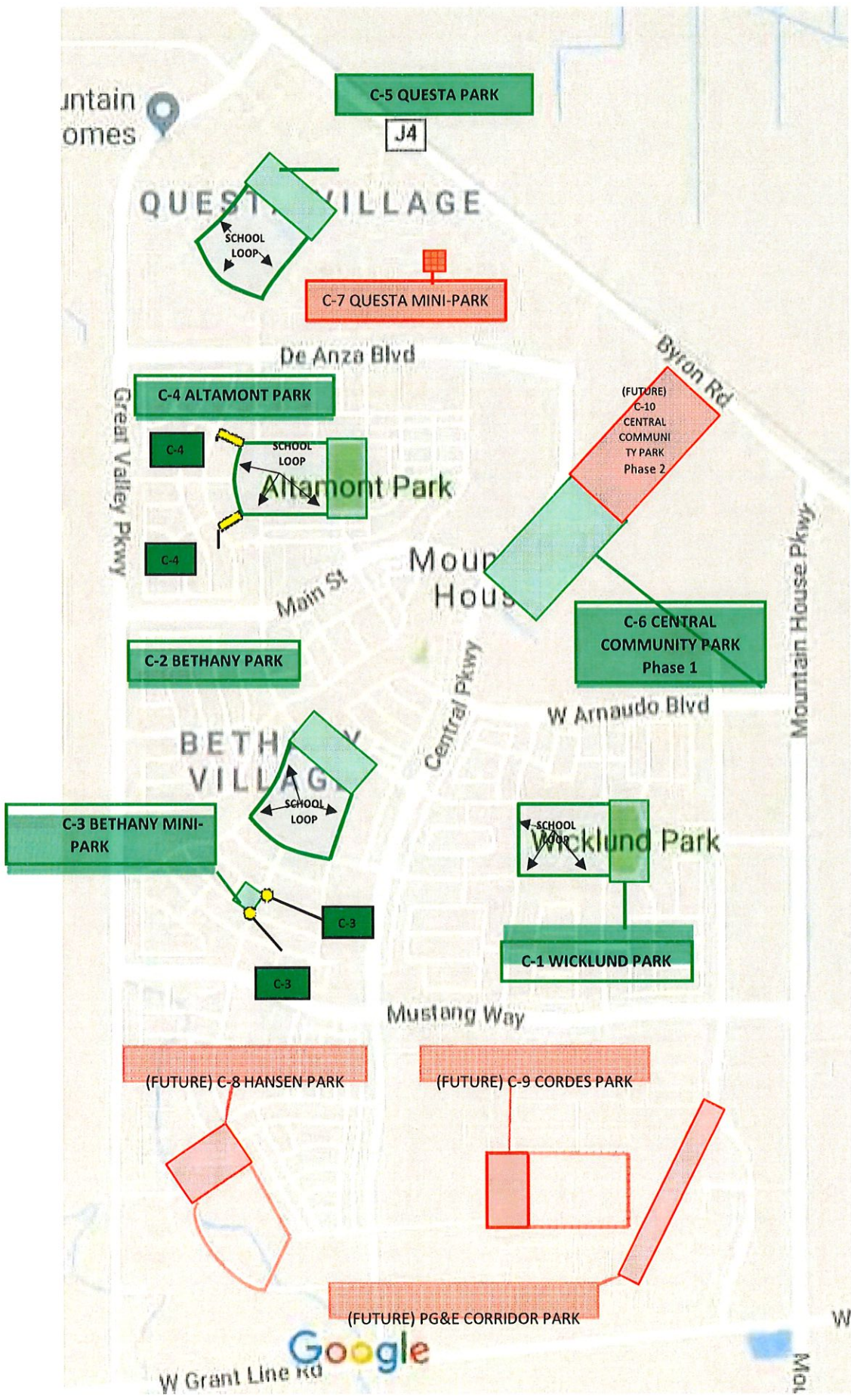


Byron Rd

Mountain House Pkwy

W

Mo



Information

Parks Highlighted Green

(C1, C2, C3, C4, C5, C6,)

Parks currently maintained by the MHCS. These areas must be included in the proposed estimate.

Parks Highlighted in Red

(C7, C8, C9, C10, PG&E CORRIDOR)

Parks under development, or not currently under MHCS maintenance.



Exhibit A.4: Creek

MH CREEK TREE MAINTENANCE

GENERAL INFORMATION:

Trees are located in areas outside the Stormwater BMP areas extending to the curb line.

LEGEND

- JURISDICTIONAL LIMITS
- 100 YR FLOOD LIMITS
- BMP

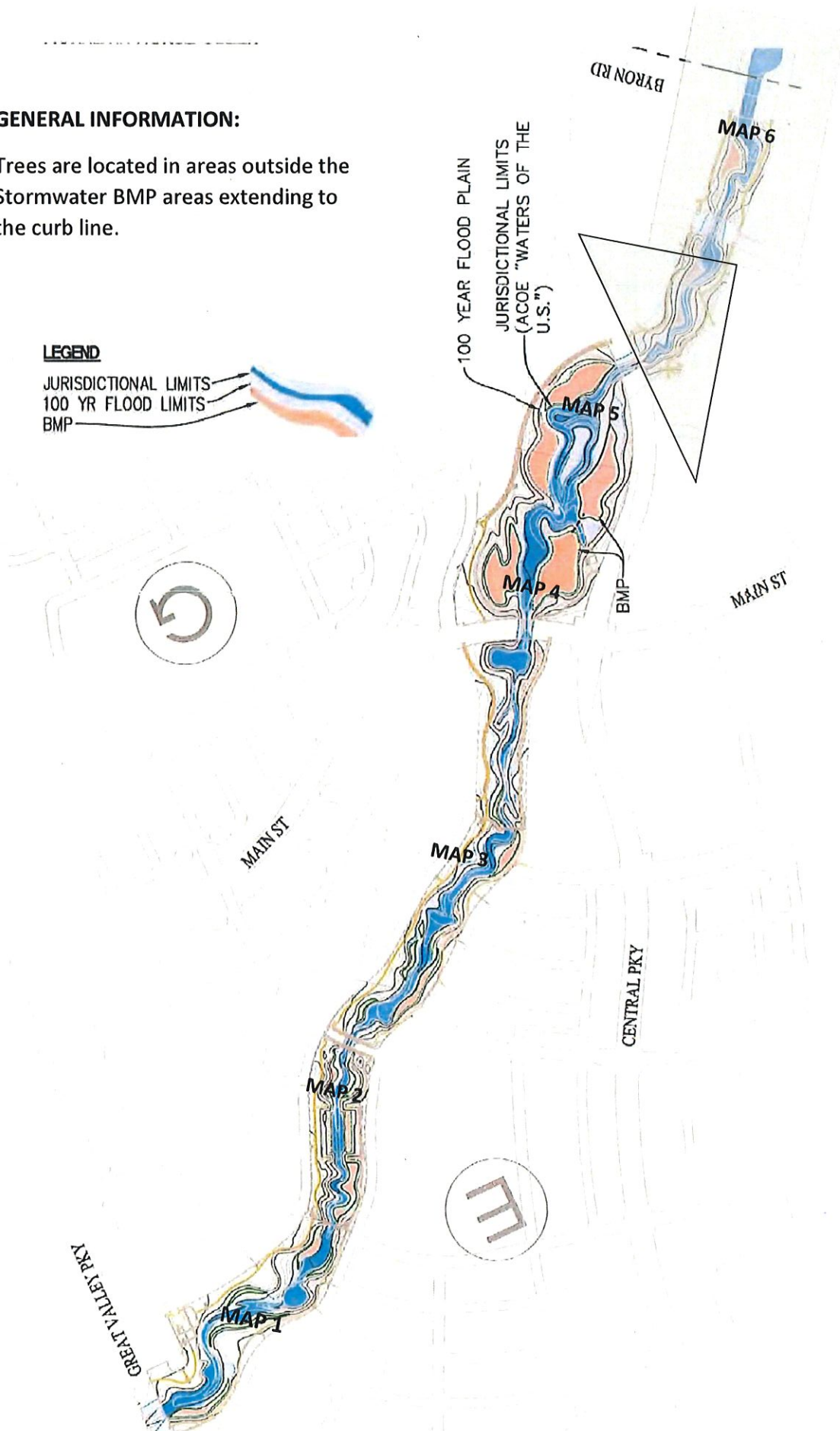


Exhibit A.4: Creek

MH CREEK TREE MAINTENANCE



LEGEND

- DETAIL SHEET NO.
- RIVER CENTER LINE
- CREEK RIGHT OF WAY
- LOT LINE/STREET
- DRY BMP
- WET BMP
- JURISDICTIONAL LIMITS (ACQ. WATERS OF THE U.S.)
- BMP LIMITS



MAP 1

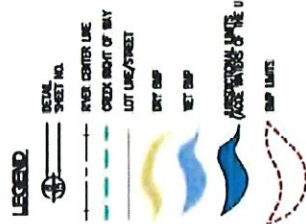
LEGEND

- DETAIL SHEET NO.
- RIVER CENTER LINE
- CREEK RIGHT OF WAY
- LOT LINE/STREET
- DRY BMP
- WET BMP
- JURISDICTIONAL LIMITS (ACQ. WATERS OF THE U.S.)
- BMP LIMITS



Exhibit A.4: Creek

MH CREEK TREE



MAP 2

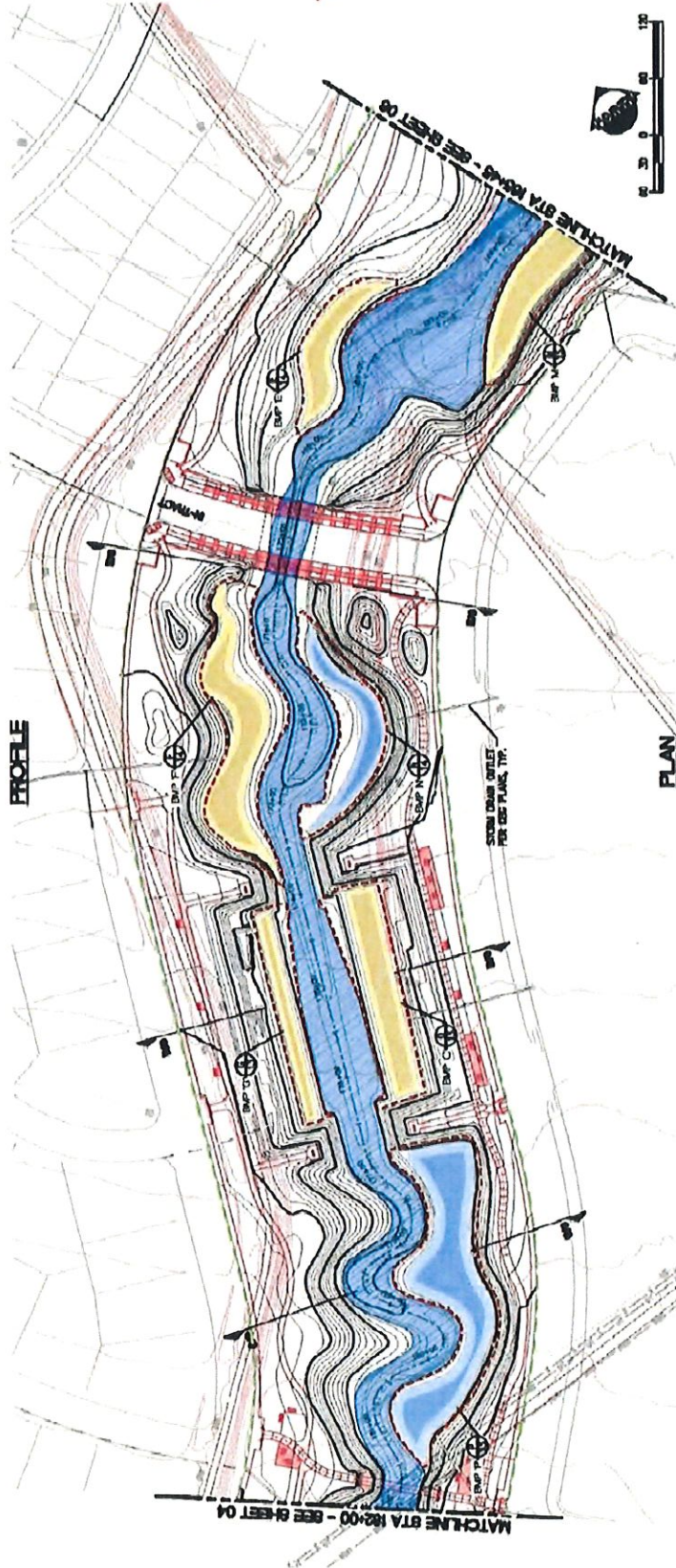
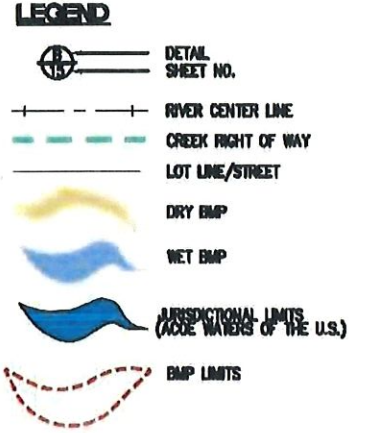
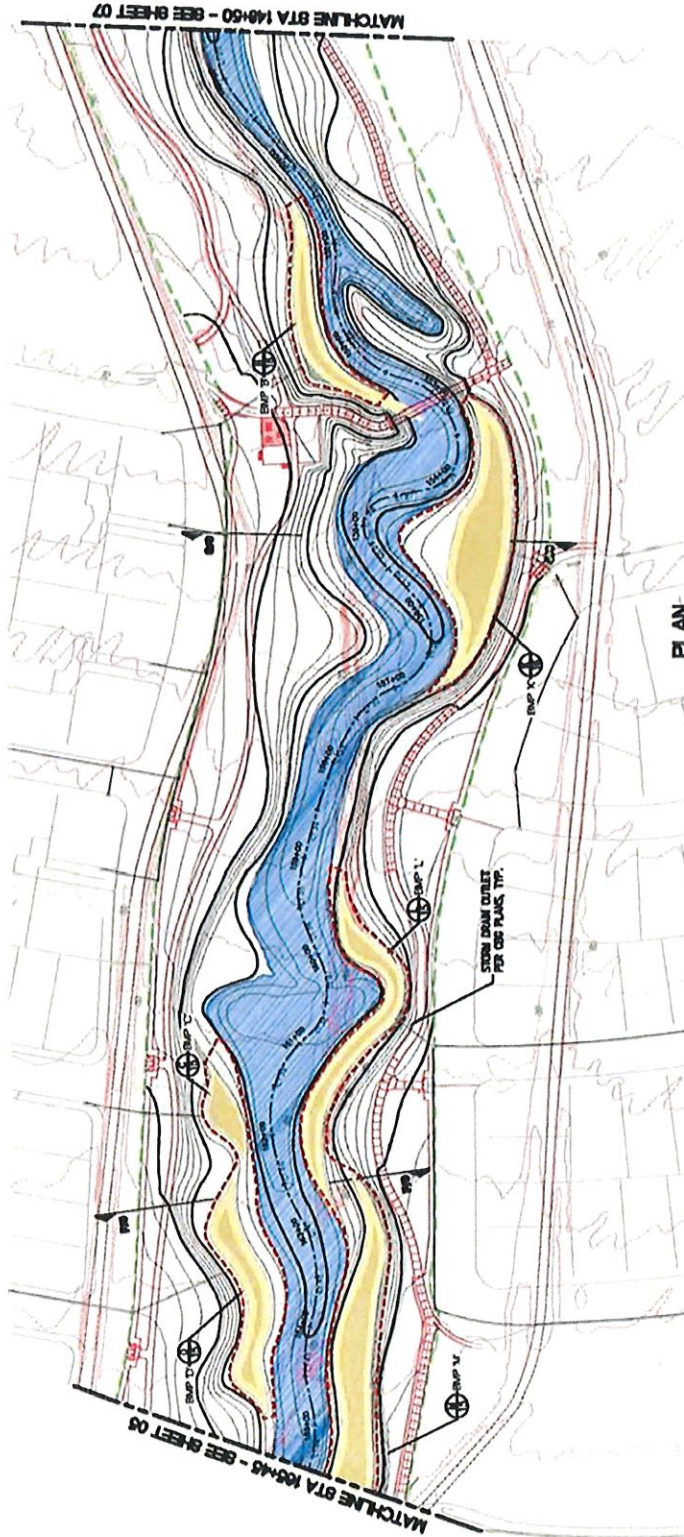
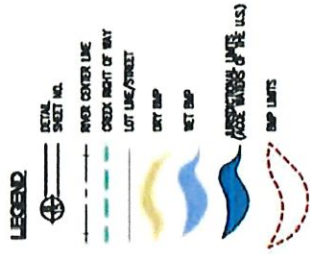
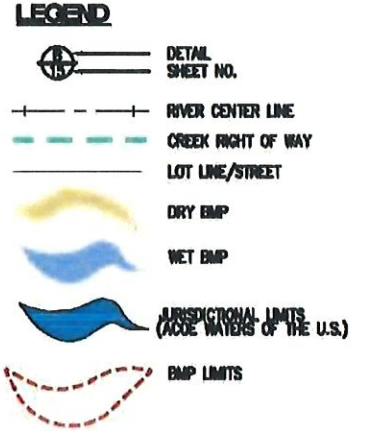


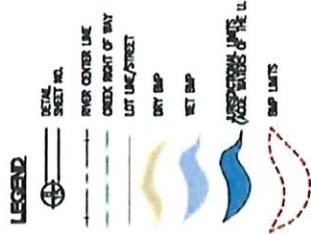
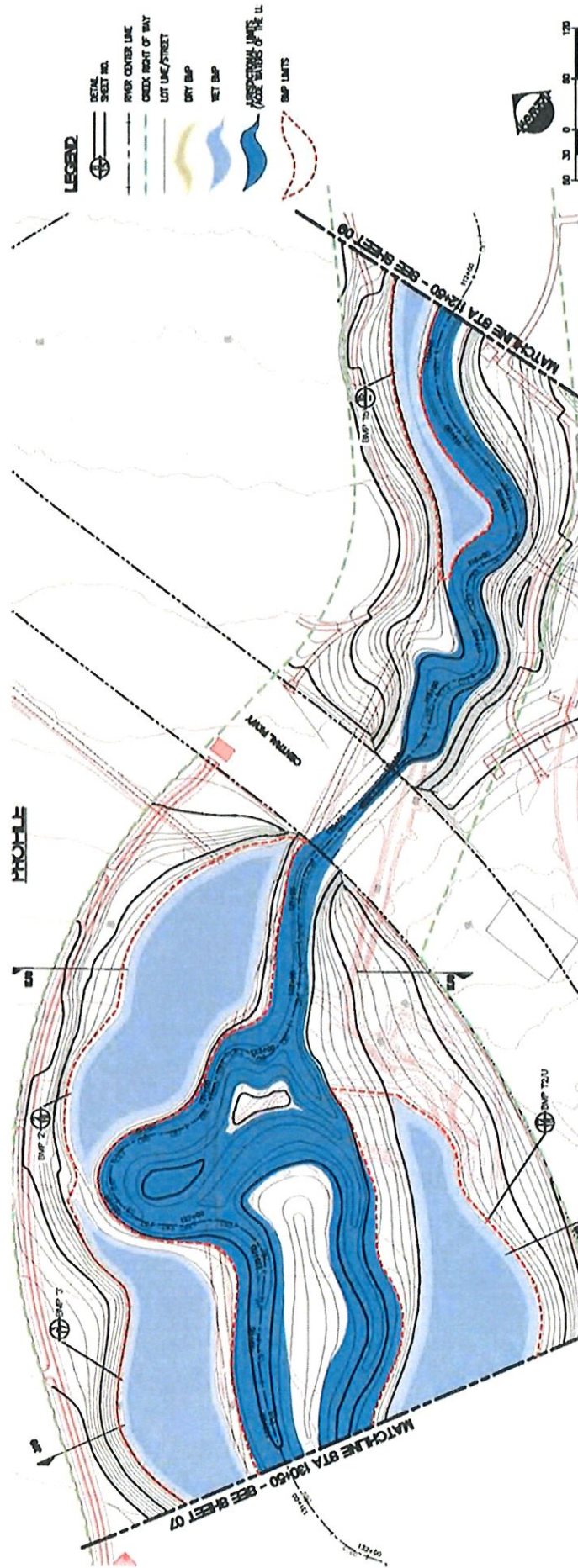
Exhibit A.4: Creek

MH CREEK TREE MAINTENANCE

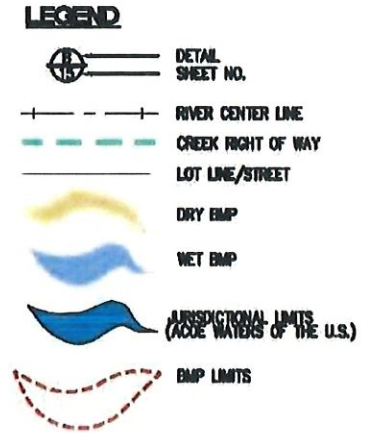


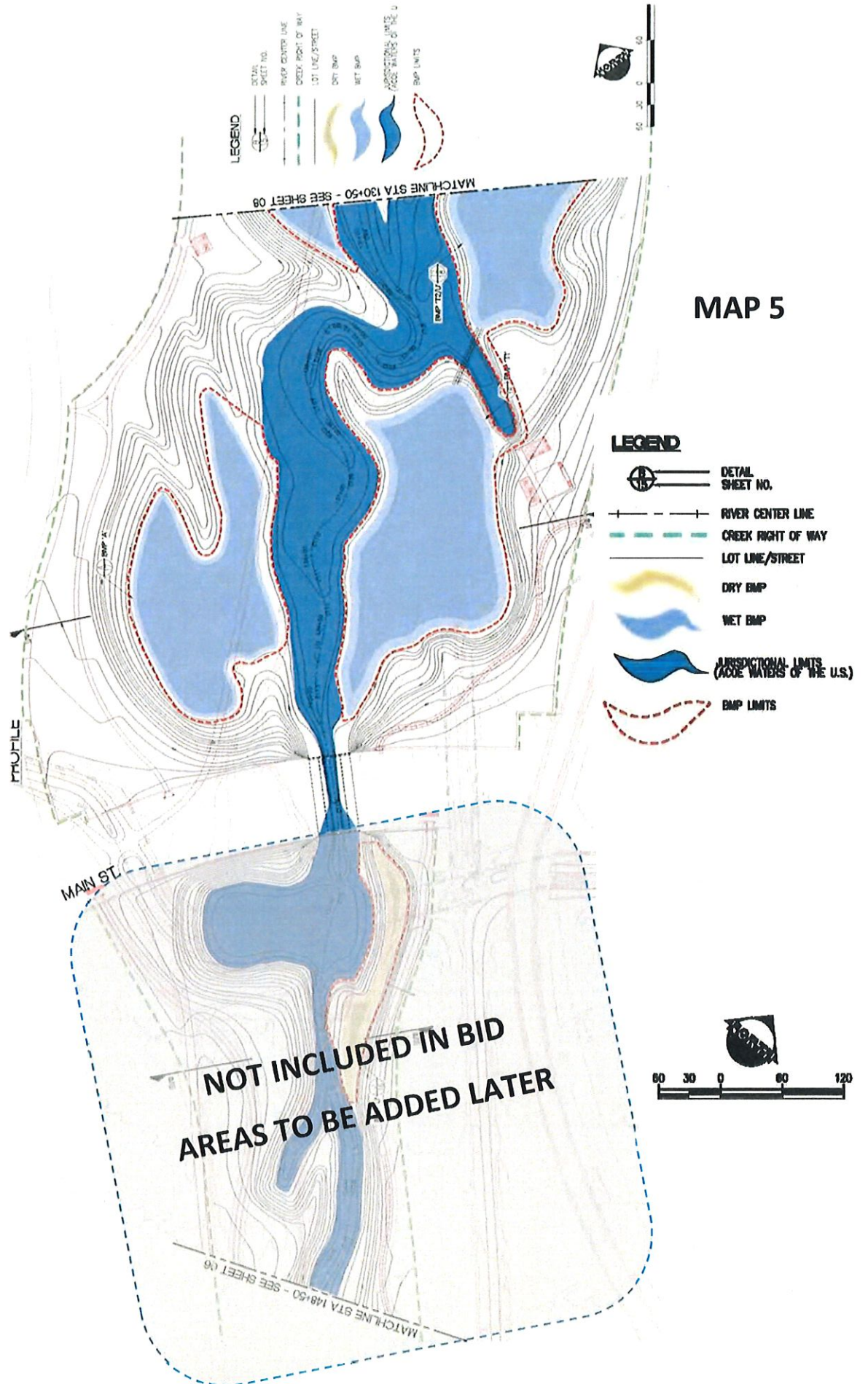
MAP 3

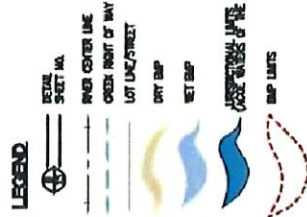




MAP 4







MAP 6

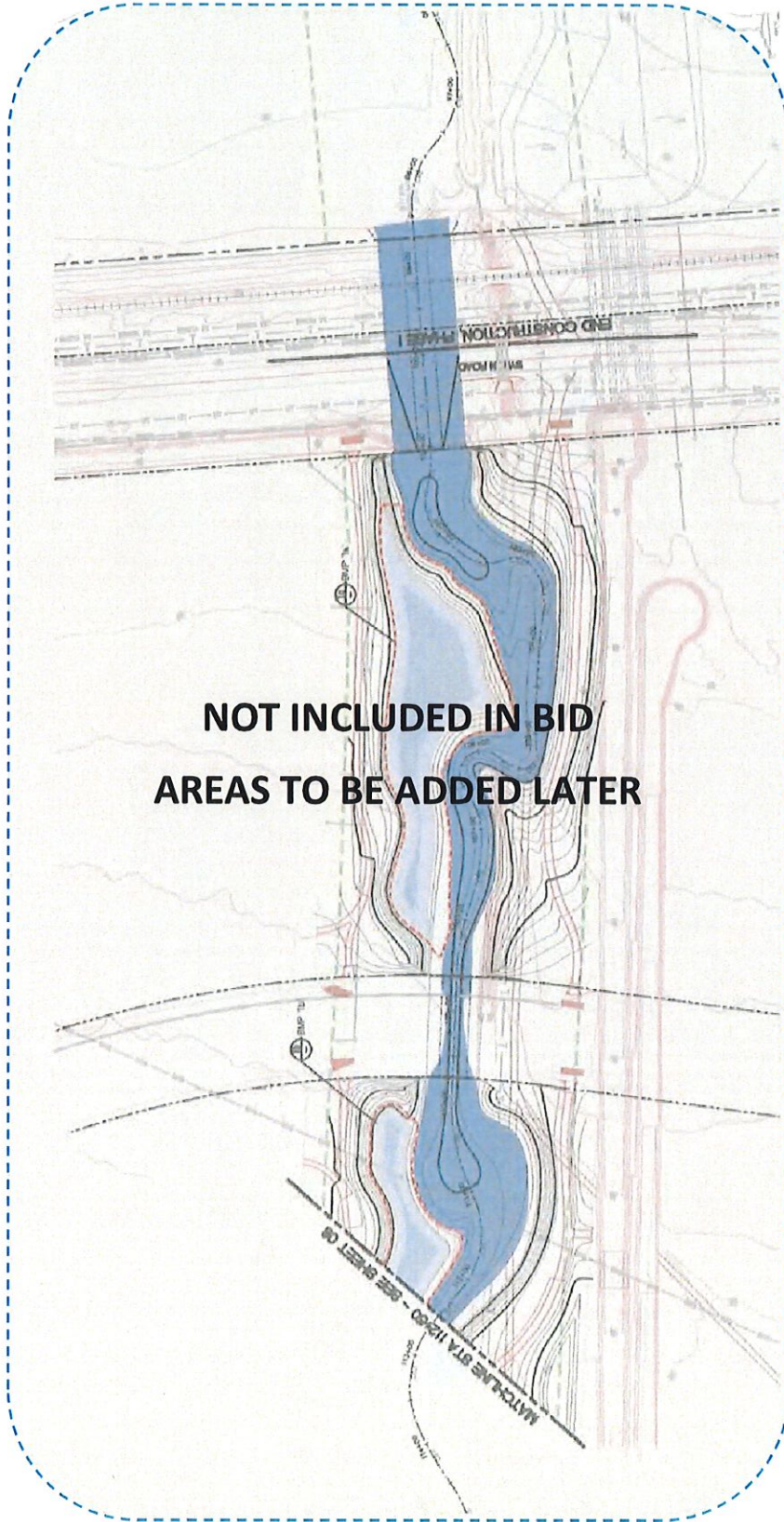
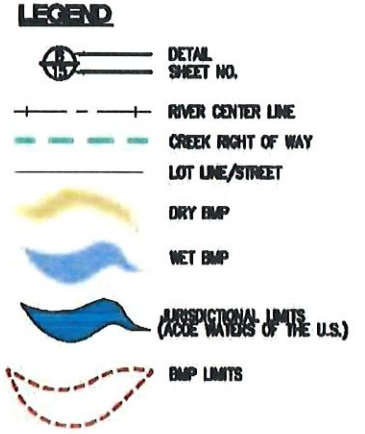
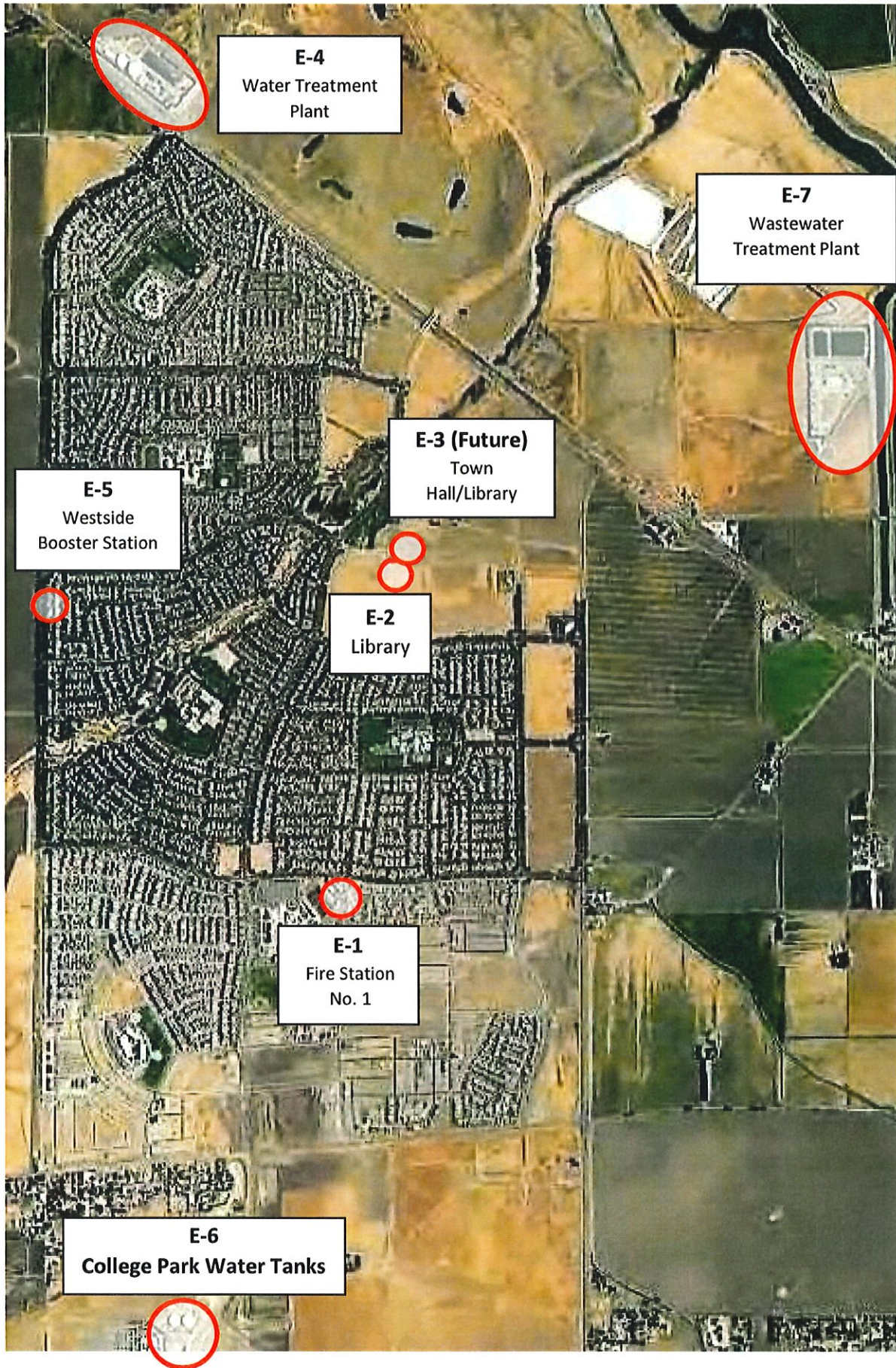
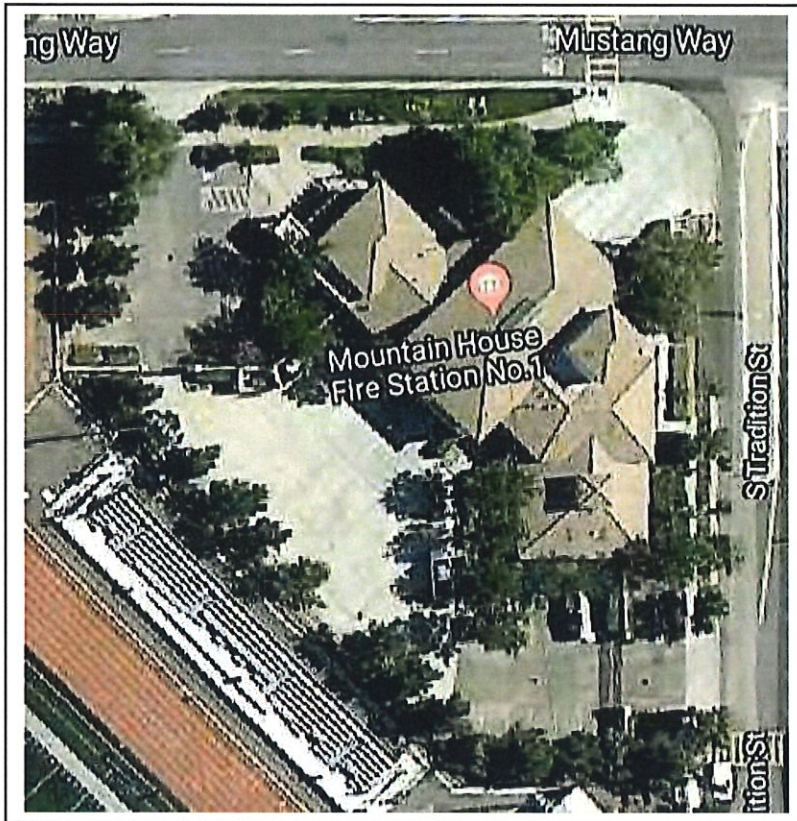


Exhibit A.5: District Facilities

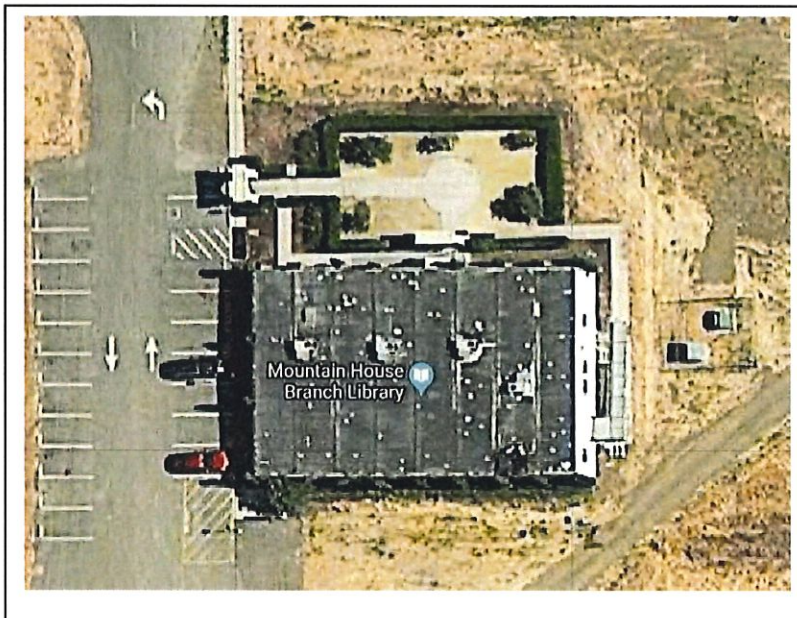
DISTRICT FACILITIES





E-1
Mountain House
Fire Station No. 1

911 S. Tradition St.
Mountain House, CA 95391

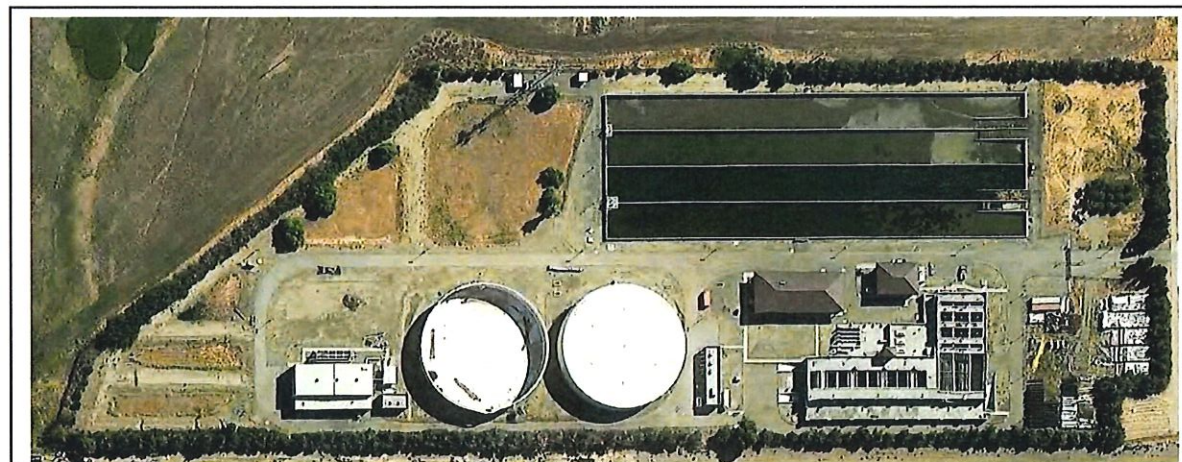


E-2
Mountain House Library
250 E Main Street Mountain
House, CA 95391



E-3

Future Town Hall and Library
Corner of Main and Providence



E-4

Water Treatment Plant
18045 Kelso Road
Mountain House, CA 95391



E-5

Westside Booster Station

22 S. Great Valley Parkway
Mountain House, CA 95391



E-6

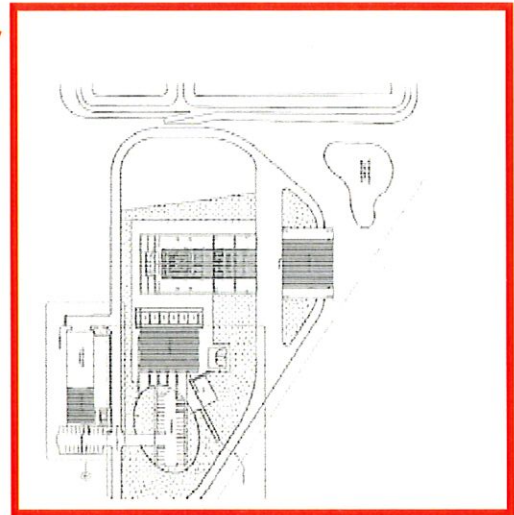
College Park Water Tanks

2085 S. Central Parkway,
Mountain House, CA 95391

E-7

Wastewater Treatment Plant

17103 W. Bethany Road
Mountain House, CA 95391

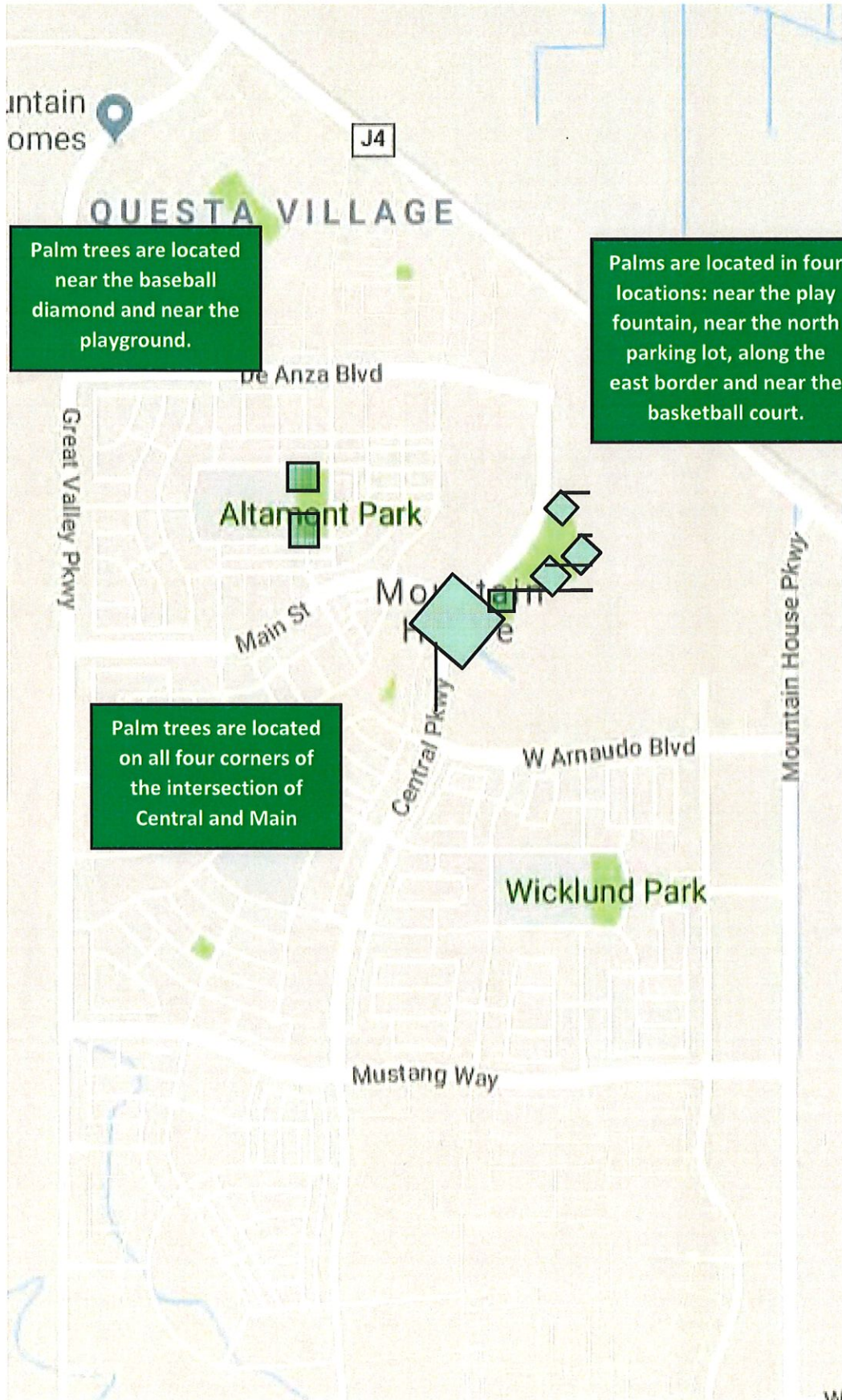


Future expansion of Wastewater Treatment Plant projected completion summer of 2020



Exhibit A.6: Palm Trees

PALM TREE LOCATIONS



Palm trees are located near the baseball diamond and near the playground.

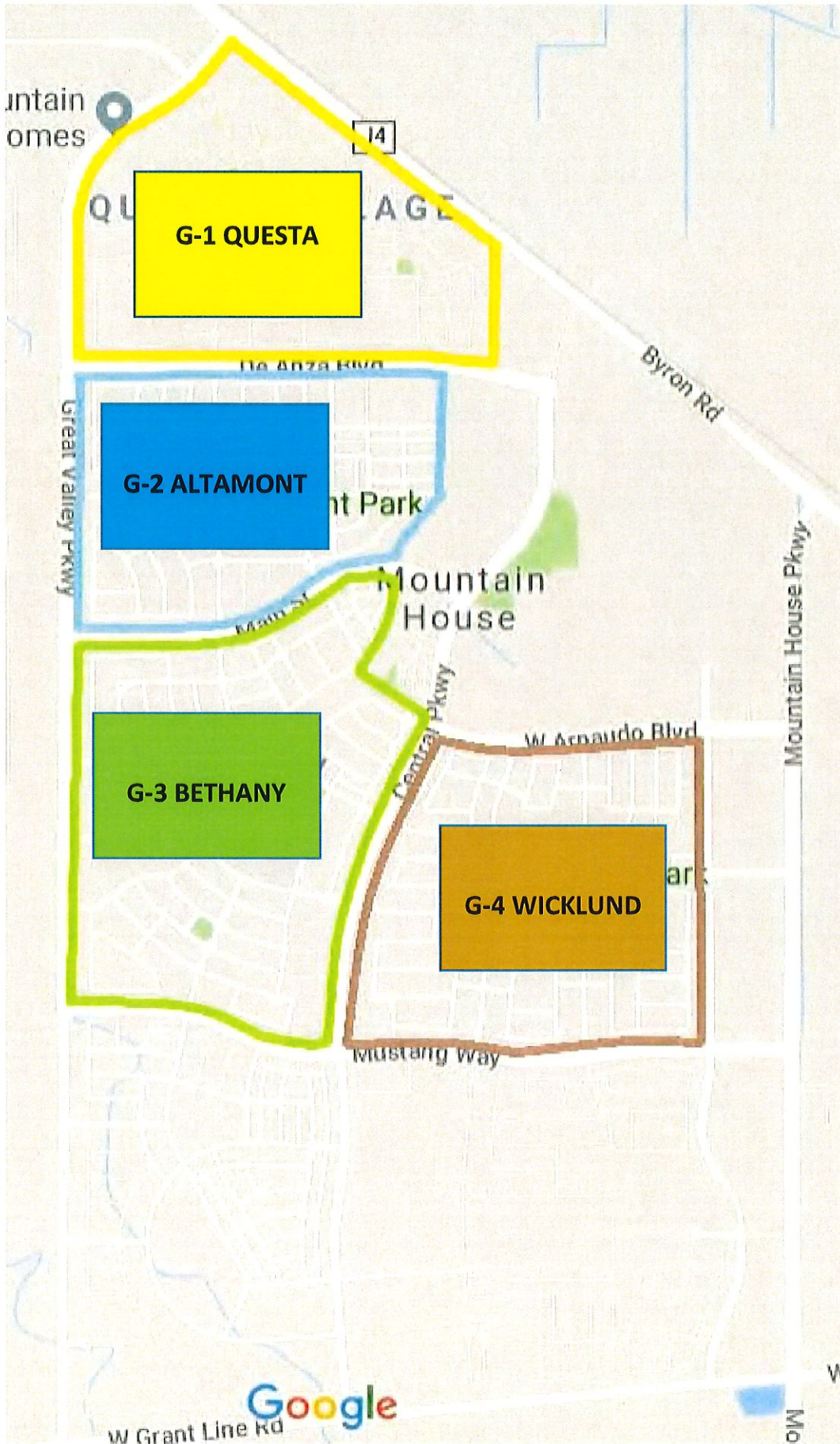
Palms are located in four locations: near the play fountain, near the north parking lot, along the east border and near the basketball court.

Palm trees are located on all four corners of the intersection of Central and Main



Exhibit A.7: Right-of-way trees

RIGHT-OF-WAY TREES



Information

Map indicates Neighborhoods that have residential trees located in Right-of-Ways, between the sidewalk and curb. Also known as the "Parkstrip"



EXHIBIT B – TREE MAINTENANCE SCOPE OF WORK

The Contractor will be required to perform and complete the tree trimming and tree maintenance work by providing all labor, tools, transportation, equipment, materials and supplies necessary to complete all work in a professional, thorough and timely manner, in accordance with standards and specifications as contained in this Section "Scope of Work."

A. TREE INVENTORY

No later than 90 days after full execution of the contract for Tree Maintenance, Contractor shall conduct and submit a tree inventory in the District rights-of-way that includes street tree easements, parks, public facilities grounds, and other public property for up to 22,780 trees. Contractor may use a GPS- based data collection system and must provide the data to the District in Microsoft Excel, Access, or ESRI shapefile formats.

1. Tree Location

- a. A GPS tree inventory shall be created with a new database using MHCS D's standardized addressing system for all parks and open space areas. The Contractor shall be required to create an ESRI ArcView/Arc GIS compatible "shape file" utilizing such data. Prior to the development of the GIS map/inventory, the Contractor shall meet with MHCS D and County representative to agree on file format, shape file, and other data input format and requirements. Upon the completion of the work, the Contractor shall provide electronic files of the completed GIS maps and inventory to MHCS D.
- b. Using a pre-established uniform protocol. This data shall be included in the inventory database in a format suitable for use by MHCS D. Tree inventory data fields must include, but are not limited to:
 - Location – street address, GPS coordinates
 - Tree Common Name
 - Tree Latin Name
 - Trunk Diameter
 - Tree Height (Estimated)
 - Canopy Spread using either a laser rangefinder or a Roll-a-Tape, to the nearest foot.
 - Stems – number of stems
 - Condition (Overall) – good, fair, poor, dead
 - Observations – general observations warranting recognition
 - Primary Maintenance Needed
 - Growing Space Type
- c. Contractor shall update the tree inventory on a daily basis, as conditions require (e.g., tree removed, tree planted, etc.). MHCS D shall have access to updated data at all times per Paragraph E, "Record Keeping".

B. INVENTORY AND MAINTENANCE RECORD KEEPING

1. Contractor shall provide and operate, at no cost to the District, a computerized tree inventory system that is capable of uploading initial inventory and track historic future data pertaining to the specifications in (A. TREE INVENTORY). The recommended inventory software shall be evaluated and approved by MHCS D prior to implementation.
 - a. The system shall be password accessible twenty four (24) hours each day of the year via the internet. Historic tree inventory and work history data, to be provided to MHCS D, shall be uploaded and operational within Contractor's tree inventory system prior to the commencement of all tree service work under the terms of an awarded agreement.
 - b. Thereafter, the Contractor shall update and maintain the tree site specific, internet accessible, computerized tree inventory system to reflect changes in baseline data (e.g. species, height, DBH) and to record the date, cost and crew identity for any trimming, removal, planting or emergency response work that occurs at any tree site at which tree work is performed.
 - c. The system shall be upgraded to reflect the removal and replacement of trees, as well as the addition of trees to the inventory.
 - d. The system shall be capable of maintaining and displaying all past work histories for any and all tree sites in the inventory, both individually and collectively by query, as well as future scheduling to the extent known.
 - e. All aspects of the system including, but not limited to, data entry, system maintenance, system hardware and/or software upgrades and server security and stability shall be the responsibility of the Contractor and shall be provided at no cost to MHCS D.
 - f. The system shall not be proprietary in the nature of its function and shall operate and interface with common computer software and web based applications, including the ability to export data into common spreadsheet applications.
 - g. The records created for MHCS D shall be the property of MHCS D and shall be uploaded to the MHCS D system no less than twice per month.
 - h. Tree site/task specific hardcopy backup data for any work that has occurred during a billing cycle shall accompany the invoicing for that period and shall be accessible for review on the internet based computerized tree inventory system prior to the submittal of invoicing for that work.
 - i. Invoicing for work that does not meet the requirements defined herein will not be processed for payment until such time as the requirements have been satisfied.
 - j. Failure to meet and maintain the requirements for the computerized tree inventory system shall be grounds for termination of the agreement.

C. URBAN FOREST MANAGEMENT PLAN

1. No later than (4) months after full execution of the contract, the Contractor shall provide a complete review of the District wide tree inventory and will provide MHCS D with An Urban Forest Management Plan (UFMP). This plan will include the following:
 - a. The contractor will support the District in developing a comprehensive urban forest management plan. The plan shall be based on inventory data and discuss major trends, such as species composition and tree conditions, as identified in the inventory. Tree characteristics that affect management, such as species diversity, condition, and maintenance requirements, should also be discussed. Provide a multi-year budget and management

recommendations. Additional content may include, but are not limited to:

- Trends – species diversity, size distribution, condition, primary maintenance needs, etc.
 - 4 -year strategies for maintenance schedules.
 - Annual, 4-year budgets for maintenance activities.
 - Potential pest and disease management
 - General recommendations
 - Applicable charts and graphs
 - Appendices
- b. Proposed annual grid trimming schedule outlining the plan for trimming each of MHCS D's trees over a four-year cycle, with exception for trees designated for more frequent trimmings.
 - c. A prioritized plan that identifies trees that need to be removed and replaced, as well as filling of vacancies according to the original as-built designs.
 - d. The UFMP will include an estimated annual cost for each of the four years, for removal and replacement, assuming a 24" box replacement.

D. SCHEDULES

The District will operate on a four (4) year prune cycle; this will result in the need to prune a certain number of trees by grid prune per year.

1. **Annual Schedule:** Upon contract award, the successful Proposer shall be required to submit The UFMP schedule based on the District's annual pruning requirements, removal and placement program, and optional planting Project. The proposal shall include the following:
 - a. A recommended annual work program that includes a calendar Gantt chart illustrating the grids or zones with correlating dates of maintenance.
 - a. Provide a scope of work on types of services needed in each grid.
 - b. A Report that includes number of personnel and vehicles that would be required to complete each grid.
 - c. Depending on the District's current and future needs, the scheduled work may require multiple crews to perform concurrently within the same time constraints.
 - d. The Contractor shall submit revised schedules when actual performance differs substantially from planned performance.
2. **Monthly Schedule:** Contractor shall meet with the District Representative twice a month to discuss work performance, special instructions, any problems encountered and upcoming schedules.
 - b. The schedules shall be submitted to the District ten (10) working days prior to the first working day.
 - c. Failure to report and commence work according to the submitted schedules within the period specified shall result in a Failure to Perform penalty of \$100 per day
 - d. Failure to notify of a change and/or failure to perform an item of work on a scheduled day may, at the District's sole discretion, result in deduction of payment for that date, week or month.
 - e. The contractor shall send changes any to the schedule to the District Representative at least twenty-four (24) hours before the scheduled time for the work.
3. **Daily Schedule:** The Contractor shall meet with the District's representative daily for the purpose of reviewing the week's work, receiving special instructions, and to discuss any problems encountered on the job. Changes to daily schedules can be made verbally or by email to the District Representative.

4. **Performance on Schedule:** The Contractor will be provided the maximum latitude in establishing work schedules which correspond to its manpower and equipment resources. The Contractor will also be provided the opportunity and procedure for adjusting those schedules to meet special circumstances. Therefore, all work shall be completed on the day scheduled, as shown on the daily schedule.

E. CONTRACTOR EMPLOYEE PROTOCOL

1. Contractor shall employ sufficient personnel qualified by reason of education, training and experience to discharge the services agreed to be performed by Contractor. Contractor shall provide service of the highest quality at all times, and personnel retained to perform this service shall be temperate, competent and otherwise fully qualified to fulfill the Contractor's obligations under the agreement.
2. All employees of Contractor performing services shall be dressed in clean, unaltered uniforms with suitable company identification. No portion of the uniform may be removed while working. Employees not in uniform shall be immediately removed from the work area. The Contractor shall provide a standard uniform consisting of at least a collared shirt with buttons, complimenting pants, a belt and boots appropriate to the work. All shirts, jackets or safety vests shall be clearly marked with company identification and the name of the employee wearing the uniform in the field. Contractor employees shall appear neat and well-groomed at all times. Contractor employees shall wear brightly colored safety vests when operating machinery and/or while working within five hundred (500) feet of moving traffic or such other distance required by any applicable laws.
3. The Contractor's employees shall be subject to the following minimum requirements, skills, abilities and knowledge:
 - a. All proper licenses for operation of equipment utilized by such employee.
 - b. Ability to operate and maintain equipment in accordance with the manufacturer's recommendations.
 - c. Mechanical ability to make required operator adjustments to the equipment being used.
 - d. Knowledgeable of safety regulations as they relate to tree care and traffic control.
 - e. American Red Cross Standard First Aid Certification (minimum of one member of each crew).
 - f. Ability to communicate orally and in writing in English.
 - g. Demonstrated knowledge of tree care and related operations.

F. WORK QUALITY AND GENERAL STANDARDS

All work performed by Contractor shall comply with good arboreal practice for the particular species of trees being trimmed, shall be consistent with the Pruning Standards as adopted by the International Society of Arboriculture, and/or "Pruning Landscape Trees" by U.C. Agricultural Extension Service #AXT-288. The Contractor shall also meet the requirements of the most current American National Standards, Z133-1-1972, entitled "Safety Requirements for Tree Pruning, Trimming, Repair or Removal," published by the American National Standard Institute, Inc., 1430 Broadway, New York, New York 10018.

1. MHCS D's designated representative shall determine if the Contractor has met all trimming requirements, and payment shall not be made by MHCS D for trimming that is not in accordance with the above standards.
2. Prior to beginning the work, the Contractor shall review with MHCS D's designated

representative the various methods, tools and work scheduling to be used on the specific project to be undertaken.

3. Any structural weakness, decayed trunk or branches, or split crotches or limbs discovered by the Contractor during the course of trimming shall be reported to MHCS D's designated representative for determination of action, as soon as it is discovered.
4. When working on a tree, Contractor shall be responsible for the removal of all vines entwined in the tree or around its trunk, and for the removal of sucker growth from tree trunks.
5. Daily tree trimming operations shall commence no earlier than 7:00 AM and shall be completed each day no later than 4:00 PM
6. Contractor's quality of work for all trimming of trees shall be such that if a tree has been trimmed within the last 24 months, and there is an issue such as limb drop, dead branches, etc., contractor will respond as directed by MHCS D's designated representative (whether emergency or standard response) at contractor's own expense.
7. A work zone shall be established and maintained for each tree trimming or other operations. Contractor shall use all appropriate methods used in the field of tree trimming and tree maintenance for establishing and maintaining such work zone. No person other than members of Contractor's work crew may be allowed to enter such work zone. If any person enters such work zone, Contractor shall immediately cease all work and operation of all equipment until the work zone is clear.

G. RESIDENTIAL PUBLIC RIGHT-OF-WAY NOTICING

When working in a residential Contractor shall supply and post standard signage, with professional quality graphics, approved by MHCS D's designated representative, on the trunk of the tree at the work site at which work is to be performed, at least seventy two hours (72) in advance of work with the signage clearly stating what type of work is to be done and what affect the work will have on parking availability at that particular site. Posting shall be affixed to the tree trunk using materials that do not cause permanent damage to the tree. In the event that a tree trunk is not available for posting, the Contractor shall affix the posting to a standard size safety cone and place that cone in the center of the parkway where a tree is to be planted or atop a stump that is scheduled for grinding.

POST GRID TRIMMING SURVEY – Additionally, the Contractor shall supply and place brightly colored door hangers at each property adjacent to any regularly scheduled grid trimming operation after each day's work is completed. The wording shall include questions asking for the resident's or business' opinion of and satisfaction with the grid trimming work and clean-up completed that day. This survey notice will include MHCS D's web-address for Tree Trimming Maintenance, MHCS D's contact telephone number, and MHCS D's mailing address for ease of mailing. The information format, wording and materials used for this notice shall be provided by the Contractor and must be approved by MHCS D's designated representative prior to its use.

H. TOOL SANITATION

On all trees known or suspected to be diseased, pruning tools and cut surfaces shall be disinfected with a ten (10) percent chlorine bleach solution after each cut and between trees where there is danger of transmitting the disease on tools. Fresh solution shall be mixed daily. Old solutions shall be disposed of through proper disposal methods. Dumping used or old bleach solutions on the ground or down the storm drain is strictly prohibited per the San Joaquin County National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit Order

No.R4- 2012-0175, it is unlawful for any person to discharge non-storm water discharges to the MS4 unless the discharger meets the requirements set forth in the NPDES MS4 Permit.

The specifications mentioned above do not apply to palm trees. Palm trees follow special specifications located in (Section Q. GRID PRUNING, 5. PALM TREE PRUNING)

I. WILDLIFE PROTECTION

Prior to the commencement of any work in the vicinity of any tree, each tree shall be visually surveyed, from all sides, for the sole purpose of detecting the presence of bird nests or wildlife of any type. If a nest is found and is determined to be active, there shall be no work of any type in the tree in which the nest is found without the written permission of MHCS D's designated representative. At no time shall any nest or wildlife be removed from its location. In the event that wildlife is accidentally displaced and needs assistance, the Contractor shall notify MHCS D's designated representative.

J. PRE-INSPECTION

Prior to the commencement of any work in the vicinity of any tree, the Contractor shall identify the location of utilities, irrigation components and/or any private property element(s) that could be compromised by any work activity. If identified, the Contractor shall take appropriate action to protect these elements. If, during the course of pre-inspection, the Contractor identifies damage that exists before the onset of work, the Contractor shall document the damages with photos and report such damage to MHCS D's designated representative prior to commencing work in that area. All photo documentation shall have the time and date embedded. Any claim of damage that cannot be refuted by photo-documentation and/or a written report to MHCS D's designated representative shall be considered the responsibility of the Contractor.

K. SETUP, OPERATIONS, EQUIPMENT STAGING

The Contractor shall setup, operate and stage in a manner that presents the least amount of disruption to residents, businesses, and the public and traffic flow. Outside of an emergency situation, at no time will multiple setups or equipment staging be allowed on both sides of a street within the same block. Equipment shall never be stored or left unattended on a public street, MHCS D facility or private property. The staging of equipment shall not be exempt from the work hour restrictions defined herein.

L. IDENTIFICATION AND REPORTING OF HAZARDS

While performing work of any type, the tree worker should inspect for any obvious hazards related to trees, including uplifted sidewalk segments. All hazardous situations should be corrected or promptly reported to MHCS D. Any defective or weakened trees shall be reported to MHCS D's designated representative. Contractor will be responsible to provide MHCS D with the location and height of the uplifted sidewalks as part of the GIS mapping inventory. This information will be updated, at a minimum, on a monthly basis.

M. RISK MANAGEMENT

Tree work is a controlled task. At no time should work be performed so as to result in a loss of control incident (e.g. free-falling large limbs or trunk sections, hinge cutting to avoid use of ropes/hoisting equipment, lack of safety apparatus/equipment guards, improper use/loading of equipment). Failure to maintain control at all times shows a lack of planning and judgment, which is considered

dangerous, and can result in serious injury or death. The Contractor will be held fully liable for any damages and/or injuries. In addition the Contractor shall be responsible for the mitigation of any damages related to a loss of control incident, and indemnification and defense obligations of MHCS D.

N. CLEANUP OF GREEN WASTE AND DEBRIS

Limbs, logs or any other debris resulting from any tree operations shall be promptly and properly removed. The work area shall be kept safe at all times until all operations are completed. Under no circumstances shall the accumulation of brush, limbs, logs or other debris be allowed to pose a hazard to the public. During production trimming and removals, debris shall be removed from public rights of way and private property within one (1) hour of the completion of work on the tree from which the debris was generated. All trimming activities shall cease immediately if clean up equipment ceases to function or is not available (e.g. loader, roll off equipment, staff). Street rights of way shall not be used to stage unattended debris generated during standard work hours. All debris from tree operations shall be cleaned up each day before the work crew leaves the site. All lawn areas shall be raked, all streets/sidewalks shall be swept, and all brush, branches, or other debris shall be removed from the site. Areas are to be left in a condition equal to or better than that which existed prior to the commencement of tree operations. No material is to be allowed to enter any storm drain. Under no circumstances shall any member of the public be allowed into the work area. Under no circumstances shall any member of the public be allowed to collect, salvage, or remove any brush, limbs, logs or other debris from the work area.

O. DISPOSAL OF MATERIALS

All debris generated by the Contractor in the performance of work shall become the property of the Contractor from and after the time of site clean-up. All green waste shall be reduced, reused, recycled, and/or transformed by Contractor. Reducing shall include but not be limited to chipping, grinding, and/or shredding operations. Disposal is to be at a recycling yard for use in a mulching program, and Contractor shall provide proof of such with each monthly invoice.

1. The Contractor shall dispose of all generated debris at no additional cost to District and shall dispose of debris as is consistent with the requirements of AB 939.
2. Weight slips shall be required as proof of final disposal and must be submitted by Contractor with each demand for payment.
3. Wood chips: At the direction of the District Representative, wood waste generated from tree removals may be chipped into pure wood chips with an even uniform size to dump at District owned sites at no extra cost to District. MHCS D shall have first right of refusal as to the use of all disease-free wood chips generated from chipping, grinding, and/or shredding operations. Chips generated from trimming operations within MHCS D may also be dumped and spread at an MHCS D designated site with written permission from MHCS D's Designated Representative.
4. If the Contractor has a location outside the District where such mulch may be applied, Contractor must provide the District with documentation (included in each demand for payment) from the property owner including indicating location and amount of material to be used at that location.

P. GRID TREE PRUNING

Any tree work performed on an MHCS D tree must be done according to MHCS D's specifications. The criterion for pruning varies based on the type or purpose of pruning.

1. General Specifications for hardwood tree pruning
 - a. Contractor shall consult with the District's designated representative before making any cuts

that could result in permanent disfigurement of the structure of any tree.

- b. Contractor shall prune trees to prevent branch and foliage interference with safe public passage. Contractor shall maintain street clearance to a minimum of seventeen feet (17') above the paved surface of the street and fourteen (14') feet above the curb and surface of a public sidewalk or pedestrian way. Exceptions are allowed for young trees, which would be irreparably damaged by such pruning action. If pruning to these standards would result in permanent disfiguration of a tree, the Contractor shall not prune the tree until direction is obtained from MHCS D's designated representative.
- c. Contractor shall use best practices when removing a live branch. Such shall include pruning cuts in branch tissue just outside the branch bark ridge and collar, which are trunk tissue. If no collar is visible, the angle of the cut should approximate the angle formed by the branch bark ridge and the trunk.
- d. When removing a dead branch, the final cut should be made outside the collar of live callus tissue. If the collar has grown out along the branch stub, only the dead stub should be removed, the live collar should remain intact and uninjured.
- e. Whenever pruning involves the removal of limbs that are too large to hold securely in one hand during the cutting operation, the limb shall be cut off first at a point several feet beyond the intended final cut. The final cut shall be made in a manner to prevent unnecessary tearing back of the bark and wood. Cuts that result in tearing of tissue on limbs below cuts shall be corrected.
- f. All final tree pruning cuts shall be made in such a manner so as to favor the earliest possible covering of the wound by natural callus growth. Excessively deep flush cuts, which produce large wounds or weaken the tree at the cut, shall not be made. The branch collar should not be removed.
- g. All dead and dying branches and branch stubs shall be removed.
- h. All broken or loose branches shall be removed.
- i. Branches that are developing in such a manner as to become larger than the limbs they originate from shall be removed.
- j. When encountering limbs that are weighted with more foliage than the limb is likely to support, selectively prune branches toward the end of the limb in order to reduce end weight and thus decrease the likelihood of limb failure.
- k. Selectively prune branches that create sight line conflicts with traffic control signs and/or devices.
- l. Selectively prune branches that are within five (5) feet of a structure.
- m. Clear trees of sprout or sucker growth to a minimum height of ten (10) feet above ground level. Exceptions are allowed for young trees, which would be irreparably damaged by such pruning action.
- n. Prune to maintain a balanced appearance when viewed from the opposite side of the street immediately opposite the tree, unless authorized by MHCS D's designated representative to do otherwise.
- o. Remove all vines entwined in trees and on tree trunks. Vine tendrils shall be removed without injury to trees. Vines include but are not limited to ivy and mistletoe.
- p. Tree limbs shall be removed and controlled in such a manner as to cause no damage to other parts of the tree, or to other plants or property.
- q. All tools used on a tree known to contain an infectious tree disease shall be properly disinfected immediately before and after completing work on such tree.
- r. All pest infestations relating to termites, bees, hornets, or wasps shall be promptly reported to MHCS D.

- s. All cutting tools and saws used in tree pruning shall be kept sharpened to result in final cuts with an un-abrasive wood surface and secure bark remaining intact.
- t. All trees six (6) inches in diameter or less shall be pruned with hand tools only.
- u. Chain saws will not be permitted to remove any branches two (2) inches or less in diameter. This is to prevent any unnecessary abrasions to cambial tissue that may predispose a tree to insect and/or future disease/decay problems.
- v. Any extraneous metal, wire, rubber or other material interfering with tree growth shall be removed when possible.
- w. The use of climbing spurs or spike shoes in the act of pruning trees is prohibited, unless specifically directed by MHCS D to aid in the safety of climbers performing the removal of a tree.

2. **Crown Raising/Clearance Prune:**

A Crown Raising or Clearance Prune is performed when conditions within the crown of a hardwood tree are such that a certain objective needs to be met or a certain condition needs attention. A crown raising or clearance prune does not involve the detail of work found in a full prune. Crown raising or clearance pruning may consist of one or more of the following pruning types:

- a. Crown Raising: Crown Raising consists of removing the lower branches of a tree in order to provide clearance for buildings, vehicles and pedestrians. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its crown to ensure a well-formed, tapered structure and to uniformly distribute stress within the tree.
- b. Clearance Prune: Clearance prune is employed as a means of eliminating limbs from the crown of a hardwood tree when an entire pruning of the tree is not warranted. Clearance pruning does not involve the fine detail work described herein as "full prune."

3. **Pruning Specifications for individual Hardwood Species**

a. **General Trimming and Shaping of Conifers**

Two basic classes of conifers can be found in MHCS D, those with branches radiating out from the trunk in whorls such as Pine trees or Redwoods and those that sprout branches in a random manner such as Juniper or Cypress. Conifers shall typically be pruned in late winter or early spring. Typically, up to 30% of the live foliage may be removed unless directed otherwise by MHCS D's designated representative.

- 1) Contractor shall avoid damaging the central leader on all conifers. In specific cases, MHCS D's designated representative may direct the contractor to remove the central leader in an effort to limit the height of specific trees.
- 2) At the time of pruning, MHCS D's designated representative shall determine which trees shall have the new growth pinched back in an effort to control canopy size.
- 3) To control the growth of large, mature conifers contractor shall be required to prune the new growth of lateral limbs.
- 4) Typical pruning of conifers shall consist of removing crossed limbs, deadwood or unwanted branches from the interior of the canopy.

b. General Trimming and Shaping of Broadleaf Trees

Follow the shape indicated by the natural growth habits of each tree species. Trimming and shaping of trees shall be as directed by MHCSD's designated representative and in accordance with the following:

- 1) Cut to laterals to preserve the natural form of the tree, leaving the head open enough for the branching system to show and permitting the dead material to be easily cleaned out and light to show through the head. Tree foliage shall be reduced by at least twenty-five percent (25%) and up to thirty percent (30%).
- 2) In specific cases, the City's designated representative may direct the contractor to reduce the size of the tree crown in an effort to limit the height of specific trees.
- 3) Trim to remove dead wood or weak, diseased, insect-infested, broken, low, or crossing limbs. Branches with an extremely narrow angle of attachment should normally be removed.
- 4) Small limbs, including suckers and waterspouts, shall be cut close to the trunk or branch from which they arise.
- 5) Heading cuts and/or topping will not be allowed under any circumstances. Heading, rounding over, or stubbing shall not be an accepted practice for reducing the size or the framework of any tree.

4. Specialty prune classification for hardwood trees

A Full Prune is performed when conditions within the crown of a hardwood tree are such that the entire tree needs to be fully pruned. Complete pruning is recommended when the primary objective is to maintain or improve tree health and structure, and includes pruning to reduce overall canopy mass and excessive wood weight. Trees that are identified for a Full Prune shall have no more than 30% of the live foliage removed. A Full Prune typically consists of one or more of the following pruning treatments:

- a. Crown Cleaning (grid price): Crown Cleaning or cleaning out is the removal of dead, diseased, crowded, weakly attached and low-vigor branches and water sprouts from the entirety of the tree crown. Care must be used to avoid stripping branches of all foliage at the interior of the tree crown. This practice, known as "lion tailing" disrupts the structural integrity of the tree, making it subject to limb and branch failure, especially during highwinds.
- b. Crown Thinning (grid price): Crown Thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into and through the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of heavy limbs. Care must be used to avoid stripping branches of all foliage at the interior of the tree crown. Thinning the crown can emphasize the structural beauty of trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, up to 30% of the live foliage may be removed unless directed otherwise by MHCSD's designated representative.
- c. Crown Reduction: Crown Reduction is used to reduce the height and/or spread of a tree. Crown reduction varies from topping, a destructive practice, in that cuts are not made indiscriminately, resulting in large stubbed off limbs that are subject to decay. While reducing a crown, tree workers must adhere to basic tree trimming practices involving limb/branch size relationships and use of the branch bark collar in avoiding the onset of decay at cut sites.

- d. Crown Restoration: Crown Restoration is corrective pruning used as a means to restore the form of crowns that have been previously damaged by extenuating circumstances. This treatment is best performed by tree workers who have a good understanding of the effects of pruning for the cultivation of tree canopies.

5. Palm Tree pruning

Any tree work performed on a District tree must be done according to MHCS D's specification. The criterion for pruning varies base on the type or purpose of pruning. Palm Pruning consists of maintaining the crowns and trunks of palm trees including the pruning of spent or declining fronds, seed pods and the skinning or shaping of spent petiole bases into a ball or nut as applicable by palm type. The specifications for the pruning of palm trees are as follows:

- a. While making an approach to the palm crown for pruning, the Contractor shall inspect the trunk of the palm tree for signs of decay, insect frass, bird nesting or any other condition suggestive of a structural abnormality. Upon finding any condition suggestive of a structural abnormality of the palm stem, the Contractor shall report to the District's designated representative immediately.
- b. Fronds shall be trimmed using a new (never used before) hand saw or pole saw blade for each palm. No blade shall be used for more than one palm.
- c. Prior to pruning, the District Representative must inspect and confirm number of new blades match number of palms intended to be pruned prior to commencement of work.
- d. At no time shall a chainsaw be used to prune any frond from any Canary Island Date Palm (Phoenix canariensis) in MHCS D. The use of chainsaws to prune any frond from any Canary Island Date Palm will result in monetary penalties up to the cost of replacement of the palm.
- e. Live, healthy fronds, initiating at an angle of 20 degrees or greater from the horizontal plane, shall not be removed. Fronds removed should be cut close to the petiole base, taking into consideration the role of petiole bases in the formation and maintenance of the ornamental ball at the base of the canopy, as applicable by species. Live trunk tissue should never be cut while pruning palmfronds.
- f. Using new saw blades as described herein, any fruit or flower structures in the crown of the palm shall be removed concurrently per palm with frond pruning. At no time shall a chainsaw be used to cut any fruit or flower from any Canary Island Date Palm (Phoenix canariensis) in MHCS D.
- g. The use of chainsaws to prune any fruit or flower structures from any Canary Island Date Palm will result in severe agreement penalties up to the replacement cost of each palm.
- h. Care shall be taken in the handling of fruit and flowers as they are likely to release clear liquids that react with and can cause staining to hardscape elements. The Contractor shall be responsible for removing palm fruit related stains from private property hardscape elements.
- i. Maintenance of the ornamental ball located at the base of the palm canopy, directly below the live fronds, shall be as described by species as follows:
 - 1) Canary Island Date Palm (Phoenix canariensis): dead petiole bases shall be formed into an ornamental ball which begins directly below the lowest green fronds and acts to provide a base of support to the palm crown. This ornamental ball shall be uniform and smooth in appearance and shall extend no less than four (4) and no more than eight (8) feet below the lowest live frond in the crown. Ornamental balls with flattened or "stop

sign" sides will not be accepted. The upper portion of the ornamental ball shall not taper in, resulting in a "pineapple" appearance as this treatment defeats the support capacity of the ball. The distal portion of the ball shall begin at a point flush with the periphery of the palm trunk and make a gradual taper upwards until it reaches the periphery of the shaped ornamental ball. While forbidden to use chainsaws for pruning fronds, fruit and flowers from any palm tree in MHCS D, the Contractor may use a clean chainsaw in forming and/or shaping the ornamental ball of a Canary Island Date Palm. The use of a sharpened shovels in shaping and maintaining ornamental balls often results in ornamental balls which have flat, un-tampered bottoms that are likely to relax and collapse into pedestrian and vehicular traffic zones with grave consequences.

- 2) The Contractor shall use care not to cut into live trunk tissue while maintaining the ornamental ball. The Contractor shall remove any foreign plant material that has sprouted in an ornamental ball. The Contractor shall verify that the ornamental ball meets the standard described herein each time a Canary Island Date Palm is pruned.
- 3) Date Palm (*Phoenix dactylifera*): spent petiole bases are left to form a supportive "base" below the lowest green fronds of the crown. Unlike the ornamental ball of a Canary Island Date Palm (*Phoenix canariensis*), the base does not require ornate shaping. Instead, spent petiole bases are left uniformly long to form the base of the canopy, which shall extend no less than four (4) feet and no more than six (6) feet below the lowest live frond in the crown. While forbidden to use chainsaws for pruning fronds, fruit and flowers from any palm tree in Mountain House, the Contractor may use a chainsaw in forming and/or shaping the base of a Date Palm by shortening a number of the lower petiole bases to bring the length of the nut to standard. The Contractor shall use care not to cut into live trunk tissue while maintaining the nut. The Contractor shall verify that the base meets the standard described herein each time a Date Palm is pruned.

Q. TREE REMOVAL

1. Tree removal consists of the removal of the entirety of a hardwood tree or palm tree and the removal of its root system.
2. The Contractor shall comply with all general specifications standards described herein.
3. The price given by the Contractor for tree removals shall be inclusive of all staff, materials and equipment necessary to remove trees as described herein.
4. Contractor shall identify the location of all utilities and private property landscape irrigation components prior to the removal of a tree and its root system. The Contractor shall notify MHCS D's designated representative in writing of any condition that prevents the removal of a tree and/or the grinding of its root system. The Contractor shall take all responsibility for any damage that occurs once the process of removing a tree and/or associated root grinding begins.
5. The Contractor shall comply with wildlife protection standards described herein whenever removing a tree.
6. The Contractor shall not remove any tree without first confirming that the tree being considered is indeed the tree to be removed. Any confusion should be resolved by contacting MHCS D's designated representative for assistance. The errant removal of trees shall be penalized up to the cost of the replacement.

7. During a tree removal, the Contractor shall maintain control of the tree and its parts at all times, which shall include the selection and use of proper techniques and equipment. At no time shall branches, limbs or tree trunks be allowed to freefall and create damage of any type. The Contractor will be held liable for loss of control incidents and shall pay for all damages and associated costs.
8. Cranes and other rigging equipment shall be properly certified, with evidence of such available for inspection prior to use of said equipment in MHCS D. Crane operators shall be certified by Commission for the Certification of Crane Operators (NCCCO) and shall be prepared to display current certification prior to operating a crane in MHCS D. The use of cranes and certified operators shall not result in additional charges to MHCS D beyond the unit price for the work being performed (e.g., price for tree removal).
9. While loading and handling debris, the Contractor shall maintain control at all times so as not to result in damage to the public rights or way or private property. In addition, the Contractor shall not drop logs or trunks so as to create undue noise or impact shock related damages to public and/or private property.
10. In the event that the stump is not removed the same day as tree removal, the stump shall be removed as described herein, no more than 30 days from the initial tree removal.
11. Contractor shall be responsible for maintaining a Tree Stump Removal List on a daily basis with such list provided to the District weekly. Should the removal of any stump not occur within the 30 day period, a Deficiency Notice of \$100 per day the stump remains, will be assessed and the contractor will remove the stump, within 48 hours of notification by the District, at contractor's expense. Stumps, including the root flare shall be ground to a depth of no less than eighteen (18) inches. Surface roots shall be traced and ground to a depth of less than eight (8) inches. Debris generated by stump grinding and root removal shall be removed from the site and replaced with a topsoil mix. Chips and stump grindings shall not be used as a backfill material.
12. The removal of infected Palms and Trees must be performed in a fashion to eliminate the threat of allowing pathogens to become airborne and cross contaminating adjacent healthy trees. All removals of infected trees must be planned and approved by the District Representative. If it is found that the Contractor conducted removals without approval or not according to the approved plan and/or in a negligent manner, the Contractor may be held liable to replace adjacent trees that become infected.
13. The Contractor shall be responsible for the repair of any private property including irrigation system components damaged during a tree removal or stump grinding. Repairs shall be made using components matching those that were damaged.

R. TREE PLANTING AND YOUNG TREE CARE

1. Tree planting consists of the installation of nursery stock container or palm trees supplied by the Contractor.
2. The Contractor shall comply with all general specifications standards described herein.
3. As stated previously herein, the Contractor shall identify the location of all utilities and private property landscape irrigation components prior to the planting of any tree. The Contractor shall assume full responsibility for any damage that occurs during the planting of any tree.
4. The Contractor shall supply quality nursery stock which is fully rooted and representative of recognized standards for size and quality of the material being planted. The Contractor will

provide the District with a copy of the bill of lading (or other such documentation) indicating the nursery from which the tree is purchased.

5. Brown trunk height (BTH) for palm trees shall be measured from the top of root ball to the lowest green frond attached to the trunk at an angle of ninety (90) degrees.
6. Planting stock shall be well watered prior to shipping and covered for the duration of transport. Trees that are delivered uncovered, with a dry or fractured root ball or with broken scaffold limbs will be rejected. Root bound material will be rejected. Palms that are delivered uncovered, with a dry root ball or with a soilless root ball will be rejected
7. The Contractor shall not begin excavation for the planting of a tree without first confirming that the planting site being considered is indeed the site intended for the planting of a tree. Any confusion should be resolved by contacting MHCS D's designated representative for assistance. In excavating planting pits, the Contractor shall not excavate deeper than the depth of the root ball of the tree being installed. The bottom of the planting pit shall be undisturbed so that the planted tree will not settle below top of root ball grade standards defined herein. As the width of the parkway allows, the Contractor shall excavate the planting pit to be two (2) times the width of the root ball of the nursery stock being planted.
8. All nursery containers and box sides shall be removed from tree root balls prior to planting. The Contractor shall not install trees with box bottoms left on. All container debris (e.g. strapping, box fragments, and nails) shall be removed from the planting pit prior to backfilling.
9. The Contractor shall install the tree or palm so that the top of root ball is two (2) inches above top of curb so that the trunk flare is completely exposed. In the event that there is no curb (i.e. park site), the Contractor shall install the tree or palm so that the top of root ball is two (2) inches above surrounding finish grade. The Contractor shall not resort to cutting or trimming the root ball as a means of meeting grade standards.
10. The Contractor shall backfill hardwood tree plantings with an equal mix of excavated soil and topsoil. The topsoil portion of the backfill mix shall contain no more than ten (10) percent well decomposed organic fines.
11. The Contractor shall backfill palm plantings with one hundred (100) percent washed mortar (plaster) sand.
12. While backfilling, the Contractor shall cease backfilling when the planting pit is one half (1/2) full, and apply water to remove air pockets from the backfill. Once the water has drained, the Contractor shall resume backfilling the planting pit. A watering basin shall be constructed in a uniform circle and shall extend from the center of the tree trunk to six (6) inches beyond the edge of the root ball. The top of the watering basin shall be graded and maintained uniformly with the upper edge of the basin maintained at a grade of four (4) inches above the root flare of the tree.
13. The Contractor shall be responsible for the stability of planted trees. The nursery stake shall be removed from the trunk of the tree (as applicable) and the tree shall be double staked using two (2), two (2) inch lodge pole stakes of a length sufficient to be installed beyond the depth of the planting stock root ball and to extend to the lowest branches of the installed tree's crown. The stakes shall be installed an equal distance from the trunk of the tree and shall be installed perpendicular to the street or sidewalk and shall be installed so that one stake is orientated to be one hundred eighty (180) degrees opposite the other. The root ball shall not be damaged by the installation of stakes. The stake shall not be in contact with any aerial part of the tree. The

trunk of the tree shall be attached to the stakes using MHCS D approved tree ties installed as per manufacturer's specifications.

14. Upon completion of the planting of a tree, the Contractor shall seed and top dress any barren areas within ten (10) feet of the center of the trunk of the tree if there was established turf in that location. The seed shall be of the same tall fescue turf grass type existing on site or annual ryegrass if the turf is a non-seedable variety; to be applied at a rate appropriate for the type of turf seed applied. The seed shall be top dressed with well-decomposed organic fines, spread evenly with a topdressing roller, at a depth of one eighth (.125) inch. Use of manure, native soil or chip topdressings will not be allowed. The Contractor shall include seed establishment information for the property owner at the time of tree removal.
15. While performing tree watering, the Contractor shall maintain the tree watering basin to include the removal of weeds and debris and the maintenance of the watering basin to size and grade standards defined herein.
16. Trees shall be watered in such a manner that does not result in erosion of the tree-watering basin, splashing of parked vehicles or damage to any of the tree's surroundings. Haphazard riggings and/or watering out of the window from the cab of watering equipment will not be tolerated.
17. The Contractor shall maintain a daily log of trees watered. The log shall list the tree watered by site. A printed copy of the log, which shall be maintained in digital format, must accompany invoicing for tree watering services by the Contractor.
18. The Contractor shall not use hoses, equipment or water from private properties while installing or watering-in parkway trees.
19. If new tree dies within a one year period from planting, the Contractor will replace it with a like specimen within seven (7) days of discovery, at Contractor's expense.
20. If new tree is determined to be diseased within two years of planting, Contractor shall replace it with a like specimen, within seven (7) days of discovery, at Contractor's expense.

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE 1		
Cost Proposal for Maintenance		
4 Year Tree Maintenance Plan		
Grand Totals From Areas Listed Below	Total Tree Count	TOTAL COST for 4-year Pruning Cycle
Schedule A - Arterial Grid Summary	9,610	\$ 490,314
Schedule B - Intract Summary	317	\$ 18,699
Schedule C - District Parks Summary	2,620	\$ 145,452
Schedule D - Creek Park Summary	1,265	\$ 119,889
Schedule E - District Facilities Summary	379	\$ 32,967
Schedule F - Palm Tree Summary	49	\$ 78,204
Schedule G - Neighborhood Right of Way	8,540	\$ 760,060
GRAND TOTAL ALL AREAS 4-YEAR CYCLE	22,780	\$ 1,645,585

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE 2			
Cost Proposal for GIS Base Tree Inventory and Urban Forest Management Plan			
4 Year Tree Maintenance Plan			
GPS/GIS Data Collection Cost	Total Tree Count	Unit Cost Per Tree	TOTALS
Attachment A - Arterial	9,610	\$ 3.50	\$ 33,635.00
Attachment B - Intract	317	\$ 3.50	\$ 1,109.50
Attachment C - District Parks	2,620	\$ 3.50	\$ 9,170.00
Attachment D - Creek Park	1,265	\$ 3.50	\$ 4,427.50
Attachment E - District Facilities	379	\$ 3.50	\$ 1,326.50
Attachment F - Palm Trees	49	\$ 3.50	\$ 171.50
Attachment G - Neighborhood Right of Way	8,540	\$ 3.50	\$ 29,890.00
4-Year Urban Forest Management Plan Development with Software One Time Cost			\$ 59,000
GIS BASED TREE INVENTORY AND URBAN FOREST MANAGEMENT PLAN - TOTAL			\$ 138,730

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE 3			
Unit Pricing (upon request)			
4 Year Tree Maintenance Plan			
	SERVICES	Unit	Unit cost Labor and Materials
1.	Raising or Clearance Service Pruning		
	0"- 6" DBH (Diameter at Breast Height)	Per Tree	\$ 49.00
	7"- 12" DBH	Per Tree	\$ 79.00
	13"- 18" DBH	Per Tree	\$ 99.00
	> 18" DBH	Per Tree	\$ 149.00
2.	Crown Reduction/Restoration Pruning Service		
	0"- 6" DBH (Diameter at Breast Height)	Per Tree	\$ 69.00
	7"- 12" DBH	Per Tree	\$ 149.00
	13"- 18" DBH	Per Tree	\$ 199.00
	> 18" DBH	Per Tree	\$ 349.00
3.	Aesthetic / Detail Pruning		
	0"- 6" DBH (Diameter at Breast Height)	Per Tree	\$ 69.00
	7"- 12" DBH	Per Tree	\$ 149.00
	13"- 18" DBH	Per Tree	\$ 199.00
	> 18" DBH	Per Tree	\$ 349.00
3.	Tree Removal		
	Tree and Stump Removal 7"- 12"	Per Diameter Inch	\$ 35.00
	Tree and Stump Removal 13"- 24"	Per Diameter Inch	\$ 55.00
	Stump Only Removal 7"- 12"	Per Diameter Inch	\$ 19.00
	Stump Only Removal 13"- 24"	Per Diameter Inch	\$ 19.00
4.	Tree Planting (With 90 Day Establishment Period)		
	15 gallon with root barrier	Per Tree	\$ 225.00
	24" box tree with root barrier	Per Tree	\$ 375.00
	36" box tree with root barrier	Per Tree	\$ 995.00
	48" box tree with root barrier	Per Tree	\$ 2,200.00
	15 gallon with no root barrier	Per Tree	\$ 175.00
	24" box tree with no root barrier	Per Tree	\$ 325.00
	36" box tree with no root barrier	Per Tree	\$ 895.00
<i>CONTINUED ON NEXT PAGE</i>			

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE 3			
Unit Pricing (upon request)			
	SERVICES	Unit cost Labor and Materials	TOTAL
4.	Tree Planting (With 90 Day Establishment Period)		
	48" box tree with no root barrier	Per Tree	\$ 2,100.00
	15 gallon Specialty Tree with root barrier	Per Tree	\$ 250.00
	24" box Specialty tree with root barrier	Per Tree	\$ 400.00
	36" box Specialty tree with root barrier	Per Tree	\$ 1,150.00
	48" box Specialty tree with root barrier	Per Tree	\$ 3,100.00
5.	Tree Watering with hose and QC Labor 1 worker	Per 8 hr day	\$ 744.00
6.	Tree Crew (3 person, Chipper Truck, Lift , Chipper)	Per 8 Hr day Week Day	\$ 2,232.00
7.	Tree Crew (Same as 6. above)	Per 8 Hr day Week End Day	\$ 2,232.00
8.	Emergency Tree Crew (same as 6. above)	Per Hour	\$ 357.00
9.	30 Ton Crane	Per 8 hr day	\$ 1,200.00
10.	Sissor Lift	Per 8 hr day	\$ 200.00
11.	Arborist Services and Report Writing	Per Hour	\$ 150.00
12.	Root Pruning	Per Hour	\$ 93.00
13.	Root Barrier Installation	Per Foot	\$ 19.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

4 Year Tree Maintenance Plan
Summary Sheets

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A			
Arterial Grid Pruning			
Refer to map on Attachment A			
GRID LOCATION	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
A-01 Mountain House Parkway	0" - 6"	23	\$ 1,587
	7" - 12"	59	\$ 4,071
	13' - 18"	793	\$ -
	> 18"	0	\$ -
A-02 DeAnza Blvd. (phase 1)	0" - 6"	94	\$ 6,486
	7" - 12"	188	\$ 12,972
	13' - 18"	480	\$ 690
	> 18"	0	\$ -
A-03 Mustang Way	0" - 6"	273	\$ 22,563
	7" - 12"	306	\$ 28,359
	13' - 18"	209	\$ 18,216
	> 18"	76	\$ 16,008
A-04 Wicklund Crossing	0" - 6"	68	\$ 4,692
	7" - 12"	130	\$ 8,901
	13' - 18"	37	\$ -
	> 18"	0	\$ -
A-05 Arnaudo Blvd.	0" - 6"	222	\$ 14,973
	7" - 12"	214	\$ 17,043
	13' - 18"	69	\$ 7,797
	> 18"	24	\$ 5,244
A-6 Central Parkway	0" - 6"	904	\$ 62,031
	7" - 12"	758	\$ 44,505
	13' - 18"	265	\$ 5,313
	> 18"	24	\$ -
A-07 Main Street	0" - 6"	350	\$ 21,942
	7" - 12"	273	\$ 18,630
	13' - 18"	44	\$ 897
	> 18"	49	\$ 11,316
<i>CONTINUED ON NEXT PAGE</i>			

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A			
Arterial Grid Pruning			
Refer to map on Attachment A			
GRID LOCATION	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
A-08 DeAnza Blvd. (phase 2)	0" - 6"	353	\$ 23,253
	7" - 12"	382	\$ 27,807
	13' - 18"	80	\$ 10,764
	> 18"	30	\$ 8,280
A-09 Great Valley Parkway	0" - 6"	683	\$ 47,127
	7" - 12"	2,103	\$ 35,604
	13' - 18"	14	\$ 966
	> 18"	0	\$ -
A-10 Kelso Road	0" - 6"	16	\$ 1,104
	7" - 12"	17	\$ 1,173
	13' - 18"	0	\$ -
	> 18"	0	\$ -
TOTAL ALL ARTERIALS	0" - 6"	2,986	205,758
	7" - 12"	4,430	199,065
	13' - 18"	1,991	44,643
	> 18"	203	40,848
GRAND TOTAL		9,610	\$ 490,314

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE B			
Intract Pruning			
Refer to map on Attachment B			
INTRACT LOCATION	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
B-01 Wicklund Village	0" - 6"	126	\$ 8,694
	7" - 12"	16	\$ 1,104
	13' - 18"	0	\$ -
	> 18"	0	\$ -
B-02 Bethany Village	0" - 6"	5	\$ 345
	7" - 12"	31	\$ 2,139
	13' - 18"	23	\$ 1,587
	> 18"	0	\$ -
B-03 Altamont Village	0" - 6"	15	\$ 1,035
	7" - 12"	48	\$ 3,312
	13' - 18"	0	\$ -
	> 18"	0	\$ -
B-04 Questa Village	0" - 6"	33	\$ 138
	7" - 12"	20	\$ 345
	13' - 18"	0	\$ -
	> 18"	0	\$ -
TOTAL ALL INTRACTS	0" - 6"	179	\$ 10,212
	7" - 12"	115	\$ 6,900
	13' - 18"	23	\$ 1,587
	> 18"	0	\$ -
GRAND TOTAL		317	\$ 18,699

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C			
District Parks Pruning			
Refer to map on Attachment C			
PARK LOCATIONS	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
C-01 Wicklund Park	0" - 6"	127	\$ 9,177
	7" - 12"	357	\$ 25,668
	13' - 18"	189	\$ 8,901
	> 18"	10	\$ 2,139
C-02 Bethany Park	0" - 6"	86	\$ 5,934
	7" - 12"	211	\$ 14,559
	13' - 18"	101	\$ 2,829
	> 18"	21	\$ 1,449
C-03 Mini-Bethany	0" - 6"	2	\$ 138
	7" - 12"	12	\$ 828
	13' - 18"	32	\$ 2,208
	> 18"	0	\$ -
C-04 Altamont Park	0" - 6"	222	\$ 7,107
	7" - 12"	234	\$ 11,730
	13' - 18"	4	\$ 483
	> 18"	5	\$ 345
C-05 Questa Park	0" - 6"	223	\$ 8,556
	7" - 12"	114	\$ 14,283
	13' - 18"	62	\$ 2,208
	> 18"	84	\$ 4,623
C-6 Central Community Park	0" - 6"	217	\$ 6,348
	7" - 12"	217	\$ 11,247
	13' - 18"	68	\$ 1,863
	> 18"	22	\$ 1,380
C-7 Mini Questa Park	0" - 6"	0	\$ 1,449
	7" - 12"	0	\$ -
	13' - 18"	0	\$ -
	> 18"	0	\$ -

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C			
District Parks Pruning			
Refer to map on Attachment C			
TOTAL ALL PARKS	0" - 6"	877	\$ 38,709
	7" - 12"	1,145	\$ 78,315
	13' - 18"	456	\$ 18,492
	> 18"	142	\$ 9,936
GRAND TOTAL		2,620	\$ 145,452

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE D			
Creek Park Pruning Refer to Map on Attachment D			
MAPS	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
CREEK LOCATION	0" - 6"	400	\$ 35,145
	7" - 12"	478	\$ 46,530
	13' - 18"	169	\$ 16,632
	> 18"	218	\$ 21,582
GRAND TOTAL		1,265	\$ 119,889

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE E

District Facilities Pruning

Refer to map on Attachment E

Facility Name	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
FACILITY LOCATIONS	0" - 6"	18	\$ 1,782.00
	7" - 12"	30	\$ 2,574.00
	13' - 18"	19	\$ -
	> 18"	312	\$ 28,611.00
GRAND TOTAL		379	\$ 32,967

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE F			
Palm Tree Pruning			
Refer to Map on Attachment F			
PALM TREE LOCATIONS	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
PALM LOCATIONS	0' - 9'	0	\$ -
	10' - 15'	10	\$ 15,960.00
	16' - 20'	10	\$ 15,960.00
	21' - 25'	7	\$ 11,172.00
	26' - 30'	2	\$ 3,192.00
	31' - 35'	20	\$ 31,920.00
	> 36'	0	\$ -
(ATTACHMENT E) 4-YEAR CYCLE GRAND TOTAL		49	\$ 78,204

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE G			
Neighborhood Right of Way			
Refert to Map on Attachment G			
NEIGHBORHOOD LOCATIONS	Size of Trunk DBH	# of Trees	TOTAL for 4-year cycle
G-01 Questa	0" - 6"	288	\$ 25,632
	7" - 12"	1,425	\$ 126,825
	13' - 18"	314	\$ 27,946
	> 18"	0	\$ -
G-02 Altamont	0" - 6"	766	\$ 68,174
	7" - 12"	921	\$ 81,969
	13' - 18"	9	\$ 801
	> 18"	2	\$ 178
G-03 Bethany	0" - 6"	271	\$ 24,119
	7" - 12"	1,869	\$ 166,341
	13' - 18"	95	\$ 8,455
	> 18"	12	\$ 1,068
G-04 Wicklund	0" - 6"	239	\$ 21,271
	7" - 12"	2,234	\$ 198,826
	13' - 18"	92	\$ 8,188
	> 18"	3	\$ 267
TOTAL	0" - 6"	1,564	\$ 139,196
	7" - 12"	6,449	\$ 573,961
	13' - 18"	510	\$ 45,390
	> 18"	17	\$ 1,513
GRAND TOTAL		8,540	\$ 760,060

EXHIBIT C
COST PROPOSAL WORKSHEETS

4 Year Tree Maintenance Plan
Detailed Sheets

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.1					
Mountain House Parkway					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	721	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	23	\$ 69.00	1	\$ 1,587.00
	7" - 12"	7	\$ 69.00	1	\$ 483.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (Cupressus Sempervirens)	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	72	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Idaho Lucust (Robina Ambigua 'purple robe')	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	52	\$ 69.00	1	\$ 3,588.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Size Category	# of Units			Totals	
Trees 0" - 6"	23			\$	1,587.00
Trees 7" - 12"	59			\$	4,071.00
Trees 13" - 18"	793			\$	-
Trees > 18"	0			\$	-
(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL				\$	5,658.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.2					
De Anza Boulevard Phase 1					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0"- 6"	32	\$ 69.00	1	\$ 2,208.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0"- 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	32	\$ 69.00	1	\$ 2,208.00
	13' - 18"	5	\$ 69.00	1	\$ 345.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0"- 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	382	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0"- 6"	57	\$ 69.00	1	\$ 3,933.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (Cupressus Sempervirens)	0"- 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	88	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Idaho Lucust (Robina Ambigua 'purple robe')	0"- 6"	3	\$ 69.00	1	\$ 207.00
	7" - 12"	156	\$ 69.00	1	\$ 10,764.00
	13' - 18"	5	\$ 69.00	1	\$ 345.00
	> 18"	0	\$ 69.00	1	\$ -
Size Category	# of Units			Totals	
Trees 0" - 6"	94			\$ 6,486.00	
Trees 7" - 12"	188			\$ 12,972.00	
Trees 13" - 18"	480			\$ 690.00	
Trees > 18"	0			\$0	
GRAND TOTAL				\$20,148	

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.3					
Mustang Way					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	18	\$ 69.00	4	\$4,968
	7" - 12"	35	\$ 69.00	4	\$9,660
	13' - 18"	29	\$ 69.00	4	\$8,004
	> 18"	52	\$ 69.00	4	\$14,352
Holly Oak (Quercus Ilex)	0" - 6"	160	\$ 69.00	1	\$11,040
	7" - 12"	62	\$ 69.00	1	\$4,278
	13' - 18"	34	\$ 69.00	1	\$2,346
	> 18"	0	\$ 69.00	1	\$0
Valley Oak (Quercus Lobata)	0" - 6"	7	\$ 69.00	1	\$483
	7" - 12"	53	\$ 69.00	1	\$3,657
	13' - 18"	22	\$ 69.00	1	\$1,518
	> 18"	0	\$ 69.00	1	\$0
English Oak (Quercus Robur 'fastigiata')	0" - 6"	8	\$ 69.00	1	\$552
	7" - 12"	51	\$ 69.00	1	\$3,519
	13' - 18"	45	\$ 69.00	1	\$3,105
	> 18"	0	\$ 69.00	1	\$0
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0" - 6"	37	\$ 69.00	1	\$2,553
	7" - 12"	14	\$ 69.00	1	\$966
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
London Plane (Platanus Acerifolium)	0" - 6"	8	\$ 69.00	1	\$552
	7" - 12"	68	\$ 69.00	1	\$4,692
	13' - 18"	31	\$ 69.00	1	\$2,139
	> 18"	24	\$ 69.00	1	\$1,656
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$0
	7" - 12"	0	\$ 69.00	0	\$0
	13' - 18"	32	\$ 69.00	0	\$0
	> 18"	0	\$ 69.00	0	\$0

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.3					
Mustang Way					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	29	\$ 69.00	1	\$2,001
	7" - 12"	15	\$ 69.00	1	\$1,035
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
African Sumac (Rhus lancea)	0" - 6"	0	\$ 69.00	1	\$0
	7" - 12"	0	\$ 69.00	1	\$0
	13' - 18"	9	\$ 69.00	1	\$621
	> 18"	0	\$ 69.00	1	\$0
Ornamental Pear (Pyrus Calleryana)	0" - 6"	6	\$ 69.00	1	\$414
	7" - 12"	8	\$ 69.00	1	\$552
	13' - 18"	7	\$ 69.00	1	\$483
	> 18"	0	\$ 69.00	1	\$0

Size Category	# of Units	Totals
Trees 0" - 6"	273	\$22,563
Trees 7" - 12"	306	\$28,359
Trees 13" - 18"	209	\$18,216
Trees > 18"	76	\$16,008

(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL	\$85,146
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.4

Wicklund Crossing

ARTERIAL GRID PRUNING - Map on Attachment A

Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
London Plane (Platanus Acerifolium)	0" - 6"	27	\$ 69.00	1	\$ 1,863.00
	7" - 12"	129	\$ 69.00	1	\$ 8,901.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	1	\$ 69.00	0	\$ -
	13' - 18"	37	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	41	\$ 69.00	1	\$ 2,829.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	68	\$ 4,692.00
Trees 7" - 12"	130	\$ 8,901.00
Trees 13" - 18"	37	\$ -
Trees > 18"	0	\$ -

GRAND TOTAL	\$ 13,593.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.5					
Arnaudo Boulevard					
ARTERIAL GRID PRUNING - 4 Year Tree Maintenance Plan					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	9	\$ 69.00	4	\$2,484
	7" - 12"	11	\$ 69.00	4	\$3,036
	13' - 18"	28	\$ 69.00	4	\$7,728
	> 18"	19	\$ 69.00	4	\$5,244
Holly Oak (Quercus Ilex)	0" - 6"	142	\$ 69.00	1	\$9,798
	7" - 12"	58	\$ 69.00	1	\$4,002
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
Valley Oak (Quercus Lobata)	0" - 6"	5	\$ 69.00	1	\$345
	7" - 12"	32	\$ 69.00	1	\$2,208
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
English Oak (Quercus Robur 'fastigiata')	0" - 6"	10	\$ 69.00	1	\$690
	7" - 12"	37	\$ 69.00	1	\$2,553
	13' - 18"	1	\$ 69.00	1	\$69
	> 18"	0	\$ 69.00	1	\$0
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0" - 6"	8	\$ 69.00	1	\$552
	7" - 12"	0	\$ 69.00	1	\$0
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
London Plane (Platanus Acerifolium)	0" - 6"	12	\$ 69.00	1	\$828
	7" - 12"	74	\$ 69.00	1	\$5,106
	13' - 18"	0	\$ 69.00	1	\$0
	> 18"	0	\$ 69.00	1	\$0
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$0
	7" - 12"	0	\$ 69.00	0	\$0
	13' - 18"	40	\$ 69.00	0	\$0
	> 18"	5	\$ 69.00	0	\$0

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.5					
Arnaudo Boulevard					
ARTERIAL GRID PRUNING - 4 Year Tree Maintenance Plan					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	32	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Ornamental Pear (Pyrus Calleryana)	0" - 6"	4	\$ 69.00	1	\$ 276.00
	7" - 12"	2	\$ 69.00	1	\$ 138.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	222	\$ 14,973.00
Trees 7" - 12"	214	\$ 17,043.00
Trees 13" - 18"	69	\$ 7,797.00
Trees > 18"	24	\$ 5,244.00

GRAND TOTAL	\$ 45,057.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.6					
Central Parkway					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
Mediterranean Hackberry, Tree (Celtis Australis)	0" - 6"	605	\$ 69.00	1	\$ 41,745.00
	7" - 12"	370	\$ 69.00	1	\$ 25,530.00
	13' - 18"	36	\$ 69.00	1	\$ 2,484.00
	> 18"	0	\$ 69.00	1	\$ -
Camphor Tree (Cinnamon Camphor)	0" - 6"	87	\$ 69.00	1	\$ 6,003.00
	7" - 12"	79	\$ 69.00	1	\$ 5,451.00
	13' - 18"	14	\$ 69.00	1	\$ 966.00
	> 18"	0	\$ 69.00	1	\$ -
Chinese Pistache Tree (Pistacia Chinesis)	0" - 6"	75	\$ 69.00	1	\$ 5,175.00
	7" - 12"	86	\$ 69.00	1	\$ 5,934.00
	13' - 18"	12	\$ 69.00	1	\$ 828.00
	> 18"	0	\$ 69.00	1	\$ -
Ornamental Pear (Pyrus Calleryana)	0" - 6"	5	\$ 69.00	1	\$ 345.00
	7" - 12"	23	\$ 69.00	1	\$ 1,587.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	0	\$ 69.00	1	\$ -
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0" - 6"	32	\$ 69.00	1	\$ 2,208.00
	7" - 12"	8	\$ 69.00	1	\$ 552.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	24	\$ 69.00	1	\$ 1,656.00
	7" - 12"	48	\$ 69.00	1	\$ 3,312.00
	13' - 18"	11	\$ 69.00	1	\$ 759.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	5	\$ 69.00	0	\$ -
	7" - 12"	32	\$ 69.00	0	\$ -
	13' - 18"	57	\$ 69.00	0	\$ -
	> 18"	24	\$ 69.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.6					
Central Parkway					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (<i>Lagerstroemia Faurei</i> 'Muskogee')	0" - 6"	66	\$ 69.00	1	\$ 4,554.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (<i>Cupressus Sempervirens</i>)	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	81	\$ 69.00	0	\$ -
	13' - 18"	131	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Ornamental Pear (<i>Pyrus Calleryana</i>)	0" - 6"	5	\$ 69.00	1	\$ 345.00
	7" - 12"	23	\$ 69.00	1	\$ 1,587.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	0	\$ 69.00	1	\$ -
Raywood Ash (<i>Fraxinus oxycarpa</i>)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	8	\$ 69.00	1	\$ 552.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	904	\$ 62,031.00
Trees 7" - 12"	758	\$ 44,505.00
Trees 13" - 18"	265	\$ 5,313.00
Trees > 18"	24	\$ -

GRAND TOTAL	\$ 111,849.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.7					
Main Street					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	0	\$ 69.00	4	\$ -
	7" - 12"	0	\$ 69.00	4	\$ -
	13' - 18"	0	\$ 69.00	4	\$ -
	> 18"	41	\$ 69.00	4	\$ 11,316.00
Holly Oak (Quercus Ilex)	0" - 6"	197	\$ 69.00	1	\$ 13,593.00
	7" - 12"	53	\$ 69.00	1	\$ 3,657.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Scarlet Oak (Quercus Coccinea)	0" - 6"	13	\$ 69.00	1	\$ 897.00
	7" - 12"	109	\$ 69.00	1	\$ 7,521.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
English Oak (Quercus Robur 'fastigiata')	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	19	\$ 69.00	1	\$ 1,311.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0" - 6"	49	\$ 69.00	1	\$ 3,381.00
	7" - 12"	23	\$ 69.00	1	\$ 1,587.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	59	\$ 69.00	1	\$ 4,071.00
	7" - 12"	53	\$ 69.00	1	\$ 3,657.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	31	\$ 69.00	0	\$ -
	> 18"	8	\$ 69.00	0	\$ -
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.7

Main Street
ARTERIAL GRID PRUNING - Map on Attachment A

Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Eastern Redbud (Cercis canadensis)	0" - 6"	32	\$ 69.00	0	\$ -
	7" - 12"	3	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Ornamental Pear (Pyrus Calleryana)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	13	\$ 69.00	1	\$ 897.00
	13' - 18"	13	\$ 69.00	1	\$ 897.00
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	350	\$ 21,942.00
Trees 7" - 12"	273	\$ 18,630.00
Trees 13" - 18"	44	\$ 897.00
Trees > 18"	49	\$ 11,316.00

GRAND TOTAL	\$ 52,785.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.8					
De Anza Boulevard Phase 2					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	1	\$ 69.00	4	\$ 276.00
	7" - 12"	23	\$ 69.00	4	\$ 6,348.00
	13' - 18"	38	\$ 69.00	4	\$ 10,488.00
	> 18"	30	\$ 69.00	4	\$ 8,280.00
Holly Oak (Quercus Ilex)	0" - 6"	158	\$ 69.00	1	\$ 10,902.00
	7" - 12"	110	\$ 69.00	1	\$ 7,590.00
	13' - 18"	4	\$ 69.00	1	\$ 276.00
	> 18"	0	\$ 69.00	1	\$ -
Valley Oak (Quercus Lobata)	0" - 6"	34	\$ 69.00	1	\$ 2,346.00
	7" - 12"	19	\$ 69.00	1	\$ 1,311.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
English Oak (Quercus Robur 'fastigiata')	0" - 6"	9	\$ 69.00	1	\$ 621.00
	7" - 12"	42	\$ 69.00	1	\$ 2,898.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Plum (Prunus Cerasifera Krauter Vesuvius Plum)	0" - 6"	52	\$ 69.00	1	\$ 3,588.00
	7" - 12"	8	\$ 69.00	1	\$ 552.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	109	\$ 69.00	1	\$ 7,521.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	1	\$ 69.00	0	\$ -
	7" - 12"	48	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.8

De Anza Boulevard Phase 2

ARTERIAL GRID PRUNING - Map on Attachment A

Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	59	\$ 69.00	1	\$ 4,071.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Cork Oak (Quercus Suber)	0" - 6"	21	\$ 69.00	1	\$ 1,449.00
	7" - 12"	23	\$ 69.00	1	\$ 1,587.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (Cupressus Sempervirens)	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	19	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Eastern Redbud (Cercis canadensis)	0" - 6"	18	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	19	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	353	\$ 23,253.00
Trees 7" - 12"	382	\$ 27,807.00
Trees 13" - 18"	80	\$ 10,764.00
Trees > 18"	30	\$ 8,280.00

GRAND TOTAL	\$ 70,104.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.9					
Great Valley Parkway					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
English Oak (Quercus Robur 'fastigiata')	0" - 6"	439	\$ 69.00	1	\$ 30,291.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	168	\$ 69.00	1	\$ 11,592.00
	13' - 18"	14	\$ 69.00	1	\$ 966.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	1463	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	126	\$ 69.00	1	\$ 8,694.00
	7" - 12"	9	\$ 69.00	1	\$ 621.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (Cupressus Sempervirens)	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	124	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Ornamental Pear (Pyrus Calleryana)	0" - 6"	100	\$ 69.00	1	\$ 6,900.00
	7" - 12"	339	\$ 69.00	1	\$ 23,391.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Eastern Redbud (Cercis canadensis)	0" - 6"	18	\$ 69.00	1	\$ 1,242.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.9

Great Valley Parkway

ARTERIAL GRID PRUNING - Map on Attachment A

Size Category	# of Units		Totals
Trees 0" - 6"	683		\$ 47,127.00
Trees 7" - 12"	2,103		\$ 35,604.00
Trees 13" - 18"	14		\$ 966.00
Trees > 18"	0		\$ -
(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL			\$ 83,697.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE A.10					
Kelso Road					
ARTERIAL GRID PRUNING - Map on Attachment A					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
London Plane (Platanus Acerifolium)	0" - 6"	16	\$ 69.00	1	\$ 1,104.00
	7" - 12"	17	\$ 69.00	1	\$ 1,173.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
GRAND TOTAL				\$	2,277.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE B.1					
Wicklund Village					
INTRACT PRUNING - Map on Attachment B					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
Ornamental Pear (Pyrus Calleryana)	0" - 6"	126	\$ 69.00	1	\$ 8,694.00
	7" - 12"	16	\$ 69.00	1	\$ 1,104.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
GRAND TOTAL					\$ 9,798.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE B.2					
Bethany Village					
INTRACT PRUNING - Map on Attachment B					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
Ornamental Pear (Pyrus Calleryana)	0" - 6"	3	\$ 69.00	1	\$ 207.00
	7" - 12"	23	\$ 69.00	1	\$ 1,587.00
	13' - 18"	21	\$ 69.00	1	\$ 1,449.00
	> 18"	0	\$ 69.00	1	\$ -
Raywood Ash (Fraxinus oxycarpa)	0" - 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	8	\$ 69.00	1	\$ 552.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	5		\$ 345.00
Trees 7" - 12"	31		\$ 2,139.00
Trees 13" - 18"	23		\$ 1,587.00
Trees > 18"	0		\$ -

(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL	\$4,071
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE B.3					
Altamont Village					
INTRACT PRUNING - Map on Attachment B					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
English Oak (Quercus Robur 'fastigiata')	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	48	\$ 69.00	1	\$ 3,312.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	15	\$ 69.00	1	\$ 1,035.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	15		\$ 1,035.00
Trees 7" - 12"	48		\$ 3,312.00
Trees 13" - 18"	0		\$ -
Trees > 18"	0		\$ -

GRAND TOTAL	\$ 4,347.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE B.4					
Questa Village					
INTRACT PRUNING - Map on Attachment B					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle 4-	TOTAL for 4-year cycle
Valley Oak (Quercus Lobata)	0" - 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	5	\$ 69.00	1	\$ 345.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Eastern Redbud (Cercis canadensis)	0" - 6"	31	\$ 69.00	0	\$ -
	7" - 12"	15	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	33	\$ 138.00
Trees 7" - 12"	20	\$ 345.00
Trees 13" - 18"	0	\$ -
Trees > 18"	0	\$ -

GRAND TOTAL	\$ 483.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.1					
Wicklund Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	2	\$ 69.00	4	\$ 552.00
	7" - 12"	5	\$ 69.00	4	\$ 1,380.00
	13' - 18"	10	\$ 69.00	4	\$ 2,760.00
	> 18"	7	\$ 69.00	4	\$ 1,932.00
Holly Oak (Quercus Ilex)	0" - 6"	6	\$ 69.00	1	\$ 414.00
	7" - 12"	1	\$ 69.00	1	\$ 69.00
	13' - 18"	1	\$ 69.00	1	\$ 69.00
	> 18"	0	\$ 69.00	1	\$ -
Camphor Tree (Cinnamon Camphor)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	2	\$ 69.00	1	\$ 138.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
English Oak (Quercus Robur 'fastigiata') pedestrian connector	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	44	\$ 69.00	1	\$ 3,036.00
	> 18"	0	\$ 69.00	1	\$ -
Chinese Elm (Ulmus parvifolia)	0" - 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	14	\$ 69.00	1	\$ 966.00
	13' - 18"	12	\$ 69.00	1	\$ 828.00
	> 18"	2	\$ 69.00	1	\$ 138.00
London Plane (Platanus Acerifolium) school loop	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	101	\$ 69.00	1	\$ 6,969.00
	13' - 18"	30	\$ 69.00	1	\$ 2,070.00
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium) Park	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	39	\$ 69.00	1	\$ 2,691.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	1	\$ 69.00	1	\$ 69.00

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.1					
Wicklund Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (Lagerstroemia Faurei 'Muskogee') <i>school loop</i>	0" - 6"	10	\$ 69.00	1	\$ 690.00
	7" - 12"	107	\$ 69.00	1	\$ 7,383.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee') <i>park</i>	0" - 6"	107	\$ 69.00	1	\$ 7,383.00
	7" - 12"	84	\$ 69.00	1	\$ 5,796.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	90	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Idaho Lucust (Robina Ambigua 'purple robe')	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	4	\$ 69.00	1	\$ 276.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	127		\$ 9,177.00
Trees 7" - 12"	357		\$ 25,668.00
Trees 13" - 18"	189		\$ 8,901.00
Trees > 18"	10		\$ 2,139.00

(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL	\$ 45,885.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.2					
Bethany Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
Ornamental Pear (Pyrus Calleryana)	0" - 6"	42	\$ 69.00	1	\$ 2,898.00
	7" - 12"	75	\$ 69.00	1	\$ 5,175.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Holly Oak (Quercus Ilex)	0" - 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Valley Oak (Quercus Lobata)	0" - 6"	7	\$ 69.00	1	\$ 483.00
	7" - 12"	9	\$ 69.00	1	\$ 621.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Cork Oak (Quercus Suber)	0" - 6"	12	\$ 69.00	1	\$ 828.00
	7" - 12"	21	\$ 69.00	1	\$ 1,449.00
	13' - 18"	6	\$ 69.00	1	\$ 414.00
	> 18"	0	\$ 69.00	1	\$ -
White Alder (Alnus rhombifolia)	0" - 6"	1	\$ 69.00	1	\$ 69.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	22	\$ 69.00	1	\$ 1,518.00
	> 18"	1	\$ 69.00	1	\$ 69.00
London Plane (Platanus Acerifolium)	0" - 6"	17	\$ 69.00	1	\$ 1,173.00
	7" - 12"	100	\$ 69.00	1	\$ 6,900.00
	13' - 18"	13	\$ 69.00	1	\$ 897.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"		\$ 69.00	0	\$ -
	7" - 12"		\$ 69.00	0	\$ -
	13' - 18"	60	\$ 69.00	0	\$ -
	> 18"		\$ 69.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.2					
Bethany Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Cottonwood (Populus sect. Aigeiros)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	20	\$ 69.00	1	\$ 1,380.00
Idaho Lucust (Robina Ambigua 'purple robe')	0" - 6"	5	\$ 69.00	1	\$ 345.00
	7" - 12"	6	\$ 69.00	1	\$ 414.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	86		\$ 5,934.00
Trees 7" - 12"	211		\$ 14,559.00
Trees 13" - 18"	101		\$ 2,829.00
Trees > 18"	21		\$ 1,449.00

GRAND TOTAL	\$ 24,771.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.3					
Mini Bethany Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle 4-	TOTAL for 4-year cycle
Valley Oak (Quercus Lobata)	0" - 6"	1	\$ 69.00	1	\$ 69.00
	7" - 12"	3	\$ 69.00	1	\$ 207.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	0	\$ 69.00	1	\$ -
Raywood Ash (Fraxinus oxycarpa)	0" - 6"	1	\$ 69.00	1	\$ 69.00
	7" - 12"	4	\$ 69.00	1	\$ 276.00
	13' - 18"	15	\$ 69.00	1	\$ 1,035.00
	> 18"	0	\$ 69.00	1	\$ -
Ornamental Pear (Pyrus Calleryana)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	5	\$ 69.00	1	\$ 345.00
	13' - 18"	10	\$ 69.00	1	\$ 690.00
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	5	\$ 69.00	1	\$ 345.00
	> 18"	0	\$ 69.00	1	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	2	\$ 138.00
Trees 7" - 12"	12	\$ 828.00
Trees 13" - 18"	32	\$ 2,208.00
Trees > 18"	0	\$ -

GRAND TOTAL	\$ 3,174.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C4					
Altamont Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle 4-	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0"- 6"	1	\$ 69.00	4	\$ 276.00
	7" - 12"	15	\$ 69.00	4	\$ 4,140.00
	13' - 18"	1	\$ 69.00	4	\$ 276.00
	> 18"	0	\$ 69.00	4	\$ -
Valley Oak (Quercus Lobata)	0"- 6"	0	\$ 69.00	1	\$ -
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	5	\$ 69.00	1	\$ 345.00
London Plane (Platanus Acerifolium)	0"- 6"	99	\$ 69.00	1	\$ 6,831.00
	7" - 12"	110	\$ 69.00	1	\$ 7,590.00
	13' - 18"	3	\$ 69.00	1	\$ 207.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0"- 6"	0	\$ 69.00	0	\$ -
	7" - 12"	92	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Eastern Redbud (Cercis canadensis) *School Loop	0"- 6"	122	\$ 69.00	0	\$ -
	7" - 12"	17	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

Size Category	# of Units	Totals
Trees 0" - 6"	222	\$ 7,107.00
Trees 7" - 12"	234	\$ 11,730.00
Trees 13" - 18"	4	\$ 483.00
Trees > 18"	5	\$ 345.00

GRAND TOTAL	\$ 19,665.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.5					
MOUNTAIN HOUSE TREE MAINTENANCE					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	10	\$ 69.00	4	\$ 2,760.00
	7" - 12"	31	\$ 69.00	4	\$ 8,556.00
	13' - 18"	7	\$ 69.00	4	\$ 1,932.00
	> 18"	4	\$ 69.00	4	\$ 1,104.00
Holly Oak (Quercus Ilex)	0" - 6"	20	\$ 69.00	1	\$ 1,380.00
	7" - 12"	8	\$ 69.00	1	\$ 552.00
		0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	28	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee') <i>school loop</i>	0" - 6"	101	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
London Plane (Platanus Acerifolium) <i>school loop</i>	0" - 6"	45	\$ 69.00	1	\$ 3,105.00
	7" - 12"	46	\$ 69.00	1	\$ 3,174.00
	13' - 18"	4	\$ 69.00	1	\$ 276.00
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	19	\$ 69.00	1	\$ 1,311.00
	7" - 12"	29	\$ 69.00	1	\$ 2,001.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	51	\$ 69.00	1	\$ 3,519.00
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	50	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.5

MOUNTAIN HOUSE TREE MAINTENANCE

DISTRICT PARK PRUNING - Map on Attachment C

Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Italian Cypress (Cupressus Sempervirens)	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	1	\$ 69.00	0	\$ -
	> 18"	29	\$ 69.00	0	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	223		\$ 8,556.00
Trees 7" - 12"	114		\$ 14,283.00
Trees 13" - 18"	62		\$ 2,208.00
Trees > 18"	84		\$ 4,623.00

GRAND TOTAL	\$ 29,670.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.6					
Central Community Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle ⁴⁻	TOTAL for 4-year cycle
California Pepper Tree (Schinus Molle)	0" - 6"	0	\$ 69.00	4	\$ -
	7" - 12"	3	\$ 69.00	4	\$ 828.00
	13' - 18"	3	\$ 69.00	4	\$ 828.00
	> 18"	0	\$ 69.00	4	\$ -
Holly Oak (Quercus Ilex)	0" - 6"	2	\$ 69.00	1	\$ 138.00
	7" - 12"	30	\$ 69.00	1	\$ 2,070.00
	13' - 18"	5	\$ 69.00	1	\$ 345.00
	> 18"	0	\$ 69.00	1	\$ -
Swan Hill Olive (Olea europaea 'Swan Hill')	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	3	\$ 69.00	1	\$ 207.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Cottonwood (Populus sect. Aigeiros)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	4	\$ 69.00	1	\$ 276.00
	13' - 18"	8	\$ 69.00	1	\$ 552.00
	> 18"	20	\$ 69.00	1	\$ 1,380.00
Ornamental Pear (Pyrus Calleryana)	0" - 6"	6	\$ 69.00	1	\$ 414.00
	7" - 12"	57	\$ 69.00	1	\$ 3,933.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
London Plane (Platanus Acerifolium)	0" - 6"	84	\$ 69.00	1	\$ 5,796.00
	7" - 12"	50	\$ 69.00	1	\$ 3,450.00
	13' - 18"	2	\$ 69.00	1	\$ 138.00
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	50	\$ 69.00	0	\$ -
	> 18"	2	\$ 69.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.6					
Central Community Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	114	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Red Chestnut (Aesculus Camea)	0" - 6"	0	\$ 69.00	1	\$ -
	7" - 12"	7	\$ 69.00	1	\$ 483.00
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Italian Cypress (Cupressus Sempervirens)	0" - 6"	11	\$ 69.00	0	\$ -
	7" - 12"	63	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -

Size Category	# of Units		Totals
Trees 0" - 6"	217		\$ 6,348.00
Trees 7" - 12"	217		\$ 11,247.00
Trees 13" - 18"	68		\$ 1,863.00
Trees > 18"	22		\$ 1,380.00

GRAND TOTAL	\$ 20,838.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE C.7					
Mini Questa Park					
DISTRICT PARK PRUNING - Map on Attachment C					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle 4-	TOTAL for 4-year cycle
Redwood Tree (Sequoia sempervirens 'Aptos Blue')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	6	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Magnolia (Magnolia grandiflora 'Little Gem')	0" - 6"	9	\$ 69.00	1	\$ 621.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Chinese Hackberry (Celtis Sinensis Tree)	0" - 6"	5	\$ 69.00	1	\$ 345.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	7	\$ 69.00	1	\$ 483.00
	7" - 12"	0	\$ 69.00	1	\$ -
	13' - 18"	0	\$ 69.00	1	\$ -
	> 18"	0	\$ 69.00	1	\$ -
Lombardy Poplar (Populus Nigra 'italica')	0" - 6"	0	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	15	\$ 69.00	0	\$ -
	> 18"	1	\$ 69.00	0	\$ -
Crape Myrtle (Lagerstroemia Faurei 'Muskogee')	0" - 6"	7	\$ 69.00	0	\$ -
	7" - 12"	0	\$ 69.00	0	\$ -
	13' - 18"	0	\$ 69.00	0	\$ -
	> 18"	0	\$ 69.00	0	\$ -
Size Category	# of Units			Totals	
Trees 0" - 6"	28			\$ 1,449.00	
Trees 7" - 12"	6			\$ -	
Trees 13" - 18"	15			\$ -	
Trees > 18"	1			\$ -	
GRAND TOTAL				\$	1,449.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE D					
Creek Park					
CREEK PARK RUNING - Map on Attachement D					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within year cycle 4-	TOTAL for 4-year cycle
Ornamental Pear (Pyrus Calleryana)	0"- 6"	3	\$ 99.00	1	\$ 297.00
	7" - 12"	20	\$ 99.00	1	\$ 1,980.00
	13' - 18"	0	\$ 99.00	1	\$ -
	> 18"	0	\$ 99.00	1	\$ -
Holly Oak (Quercus Ilex)	0"- 6"	230	\$ 99.00	1	\$ 22,770.00
	7" - 12"	31	\$ 99.00	1	\$ 3,069.00
	13' - 18"	0	\$ 99.00	1	\$ -
	> 18"	0	\$ 99.00	1	\$ -
Valley Oak (Quercus Lobata)	0"- 6"	52	\$ 99.00	1	\$ 5,148.00
	7" - 12"	155	\$ 99.00	1	\$ 15,345.00
	13' - 18"	3	\$ 99.00	1	\$ 297.00
	> 18"	0	\$ 99.00	1	\$ -
California Black Walnut	0"- 6"	12	\$ 99.00	1	\$ 1,188.00
	7" - 12"	22	\$ 99.00	1	\$ 2,178.00
	13' - 18"	0	\$ 99.00	1	\$ -
	> 18"	0	\$ 99.00	1	\$ -
White Alder (Alnus rhombifolia)	0"- 6"	23	\$ 99.00	1	\$ 2,277.00
	7" - 12"	77	\$ 99.00	1	\$ 7,623.00
	13' - 18"	21	\$ 99.00	1	\$ 2,079.00
	> 18"	6	\$ 99.00	1	\$ 594.00
California Buckeye (Aesculus Califonica)	0"- 6"	30	\$ 99.00	1	\$ 2,970.00
	7" - 12"	0	\$ 99.00	1	\$ -
	13' - 18"	0	\$ 99.00	1	\$ -
	> 18"	0	\$ 99.00	1	\$ -
Oregon Ash (Fraxinus latifolia)	0"- 6"	45	\$ 99.00	0	\$ -
	7" - 12"	8	\$ 99.00	0	\$ -
	13' - 18"	1	\$ 99.00	0	\$ -
	> 18"	0	\$ 99.00	0	\$ -

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE D					
Creek Park					
CREEK PARK RUNING - Map on Attachement D					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
Cottonwood (Populus sect. Aigeiros)	0" - 6"	5	\$ 99.00	1	\$ 495.00
	7" - 12"	165	\$ 99.00	1	\$ 16,335.00
	13' - 18"	144	\$ 99.00	1	\$ 14,256.00
	> 18"	212	\$ 99.00	1	\$ 20,988.00

Size Category	# of Units		Totals
Trees 0" - 6"	400		\$ 35,145.00
Trees 7" - 12"	478		\$ 46,530.00
Trees 13" - 18"	169		\$ 16,632.00
Trees > 18"	218		\$ 21,582.00

GRAND TOTAL	\$ 119,889.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE E					
District Facilities					
DISTRICT FACILITY PRUNING - Map on Attachment E					
Tree Species	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
Fire House NO. 1					
California Pepper Tree (Schinus Molle)	> 18"	5	\$ 99.00	1	\$ 495.00
Holly Oak (Quercus Ilex)	0"- 6"	6	\$ 99.00	1	\$ 594.00
Afganistan Pine (Pinus brutia)	> 18"	18	\$ 99.00	1	\$ 1,782.00
Idaho Lucust (Robina Ambigua 'purple robe')	7" - 12"	10	\$ 99.00	1	\$ 990.00
London Plane (Platanus Acerifolium)	0"- 6"	6	\$ 99.00	1	\$ 594.00
	7" - 12"	6	\$ 99.00	1	\$ 594.00
Wastewater Treatment Plant					
Afganistan Pine (Pinus brutia)	> 18"	123	\$ 99.00	1	\$ 12,177.00
Water Treatment Plant					
Afganistan Pine (Pinus brutia)	> 18"	143	\$ 99.00	1	\$ 14,157.00
English Oak (Quercus Robar 'fastigiata')	7" - 12"	10	\$ 99.00	1	\$ 990.00
Westside Booster Station					
Lombardy Poplar (Poplus Nigra 'italica')	7" - 12"	4	\$ 99.00	0	\$ -
Italian Cypress (Cupressus Sempervirens)	> 18"	23	\$ 99.00	0	\$ -
Library					
Swan Hill Olive (Olea europaea 'Swan Hill')	0"- 6"	6	\$ 99.00	1	\$ 594.00
Italian Cypress (Cupressus Sempervirens)	13' - 18"	19	\$ 99.00	0	\$ -
Size Category	# of Units			Totals	
Trees 0" - 6"	18			\$	1,782.00
Trees 7" - 12"	30			\$	2,574.00
Trees 13" - 18"	19			\$	-
Trees > 18"	312			\$	28,611.00
GRAND TOTAL				\$	32,967.00

EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE F					
Palm Tree Pruning					
PHOENIX CANARIENSIS PALM TREE ANNUAL FROND AND FRUIT REMOVAL - Map in Attachment F					
LOCATION NAMES	Brown Truck Size	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
F-01 Altamont Park	0' - 9'	0	\$ 399.00	4	\$ -
	10' - 15'	0	\$ 399.00	4	\$ -
	16' - 20'	4	\$ 399.00	4	\$ 6,384.00
	21' - 25'	3	\$ 399.00	4	\$ 4,788.00
	26' - 30'	0	\$ 399.00	4	\$ -
F-2 Central Community Park	0' - 9'	0	\$ 399.00	4	\$ -
	10' - 15'	10	\$ 399.00	4	\$ 15,960.00
	16' - 20'	6	\$ 399.00	4	\$ 9,576.00
	21' - 25'	4	\$ 399.00	4	\$ 6,384.00
	26' - 30'	2	\$ 399.00	4	\$ 3,192.00
F-3 Central Parkway Palms	21' - 25'	0	\$ 399.00	4	\$ -
	26' - 30'	0	\$ 399.00	4	\$ -
	31' - 35'	20	\$ 399.00	4	\$ 31,920.00
	> 36'	0	\$ 399.00	4	\$ -

Size Category	# of Units		Totals
0' - 9'	0		\$ -
10' - 15'	10		\$ 15,960.00
16' - 20'	10		\$ 15,960.00
21' - 25'	7		\$ 11,172.00
26' - 30'	2		\$ 3,192.00
31' - 35'	20		\$ 31,920.00
> 36'	0		\$ -

GRAND TOTAL	\$ 78,204.00
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE G					
Neighborhood Trees					
Trees Located in the Right-of-Way - Map in Attachment G					
Location Names	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings within 4-year cycle	TOTAL for 4-year cycle
G-1 Questa					
Cork Oak (<i>Quercus suber</i>)	0" - 6"	111	\$ 89.00	1	\$ 9,879.00
	7" - 12"	21	\$ 89.00	1	\$ 1,869.00
	13" - 18"	0	\$ 89.00	1	\$ -
	> 18"	0	\$ 89.00	1	\$ -
European Hackberry (<i>Celtis australis</i>)	0" - 6"	0	\$ 89.00	1	\$ -
	7" - 12"	1,231	\$ 89.00	1	\$ 109,559.00
	13" - 18"	313	\$ 89.00	1	\$ 27,857.00
	> 18"	0	\$ 89.00	1	\$ -
London Plane (<i>Platanus x acerifolia</i>)	0" - 6"	177	\$ 89.00	1	\$ 15,753.00
	7" - 12"	173	\$ 89.00	1	\$ 15,397.00
	13" - 18"	1	\$ 89.00	1	\$ 89.00
	> 18"	0	\$ 89.00	1	\$ -
G-2 Altamont					
Chinese Pistachio (<i>Pistacia chinensis</i>)	0" - 6"	583	\$ 89.00	1	\$ 51,887.00
	7" - 12"	680	\$ 89.00	1	\$ 60,520.00
	13" - 18"	3	\$ 89.00	1	\$ 267.00
	> 18"	2	\$ 89.00	1	\$ 178.00
Eastern redbud (<i>Cercis canadensis</i>)	0" - 6"	69	\$ 89.00	1	\$ 6,141.00
	7" - 12"	0	\$ 89.00	1	\$ -
	13" - 18"	0	\$ 89.00	1	\$ -
	> 18"	0	\$ 89.00	1	\$ -
London Plane (<i>Platanus x acerifolia</i>)	0" - 6"	114	\$ 89.00	1	\$ 10,146.00
	7" - 12"	241	\$ 89.00	1	\$ 21,449.00
	13" - 18"	6	\$ 89.00	1	\$ 534.00
	> 18"	0	\$ 89.00	1	\$ -
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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE G					
Neighborhood Trees					
Trees Located in the Right-of-Way - Map in Attachment G					
Location Names	Size of Trunk DBH	# of Trees	Enter Unit Cost 1x prune	# of Prunings (within 4-year cycle)	TOTAL for 4-year cycle
G-3 Bethany					
Aristocrat Pear (Pyrus calleryana 'Aristocrat')	0" - 6"	11	\$ 89.00	1	\$ 979.00
	7" - 12"	68	\$ 89.00	1	\$ 6,052.00
	13" - 18"	0	\$ 89.00	1	\$ -
	> 18"	0	\$ 89.00	1	\$ -
London Plane (Platanus x acerifolia)	0" - 6"	92	\$ 89.00	1	\$ 8,188.00
	7" - 12"	258	\$ 89.00	1	\$ 22,962.00
	13" - 18"	2	\$ 89.00	1	\$ 178.00
	> 18"	0	\$ 89.00	1	\$ -
Raywood Ash (Fraxinus angustifolia 'Raywood')	0" - 6"	168	\$ 89.00	1	\$ 14,952.00
	7" - 12"	1,543	\$ 89.00	1	\$ 137,327.00
	13" - 18"	93	\$ 89.00	1	\$ 8,277.00
	> 18"	12	\$ 89.00	1	\$ 1,068.00
G-4 Wicklund					
Holly Oak (Quercus ilex)	0" - 6"	31	\$ 89.00	1	\$ 2,759.00
	7" - 12"	45	\$ 89.00	1	\$ 4,005.00
	13" - 18"	0	\$ 89.00	1	\$ -
	> 18"	0	\$ 89.00	1	\$ -
London Plane (Platanus x acerifolia)	0" - 6"	28	\$ 89.00	1	\$ 2,492.00
	7" - 12"	603	\$ 89.00	1	\$ 53,667.00
	13" - 18"	9	\$ 89.00	1	\$ 801.00
	> 18"	2	\$ 89.00	1	\$ 178.00
Purple Plums (Prunus cerasifera 'Krauter Vesuvius')	0" - 6"	46	\$ 89.00	1	\$ 4,094.00
	7" - 12"	158	\$ 89.00	1	\$ 14,062.00
	13" - 18"	0	\$ 89.00	1	\$ -
	> 18"	0	\$ 89.00	1	\$ -
Saw Leaf Zelkova (Zelkova serrata)	0" - 6"	134	\$ 89.00	1	\$ 11,926.00
	7" - 12"	1,428	\$ 89.00	1	\$ 127,092.00
	13" - 18"	83	\$ 89.00	1	\$ 7,387.00
	> 18"	1	\$ 89.00	1	\$ 89.00

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EXHIBIT C
COST PROPOSAL WORKSHEETS

SCHEDULE G			
Neighborhood Trees			
Trees Located in the Right-of-Way - Map in Attachment G			
Size Category	# of Units		Totals
Trees 0" - 6"	1,564		\$ 139,196.00
Trees 7" - 12"	6,449		\$ 573,961.00
Trees 13" - 18"	510		\$ 45,390.00
Trees > 18"	17		\$ 1,513.00
(ATTACHMENT F) 4-YEAR CYCLE GRAND TOTAL			\$ 760,060.00

EXHIBIT D
Invoicing & Payments

1. Contractor shall be compensated monthly for work performed satisfactorily under this Agreement.

2. Contractor shall submit an invoice and written report detailing the maintenance performed in each area, including species and location of trees maintained, description of work performed, and number of trees maintained in each area. The invoice shall reflect the contract price for the work performed.

3. All billing is based on prevailing wage or otherwise mandated by changes in laws and/or regulations by Federal and/or State entities with authority over the classifications of workers for this contract.

4. Contractor must meet all applicable State and Federal requirements and must be registered with the State Department of Industrial Relations for this project.

5. Certified payroll reports for all employees performing work on the contract during the billing period, shall be submitted with each invoice.

6. Payment Withheld: The District may withhold payment to such extent as may be necessary to protect the District from loss due to:

6.1 Work required in the specifications, which is defective, incomplete, or not performed.

6.2 Claims filed or reasonable evidence indicating probable filing of claims.

6.3 Failure of the contractor to make payments properly to subcontractors for materials and labor. A reasonable doubt that the contract may be completed for the balance then unpaid.

6.4 Failure to submit required reports or other documents required by the contract.

7. Annual CPI Adjustment.

7.1 Commencing April 1, 2020 and continuing on the anniversary of such date through the term of the Agreement, the Annual Contract Price shall be increased in accordance with the increase, if any, in the Consumer Price Index for All Urban Consumers, San Francisco – Oakland – Hayward (CPI-U), published by the U.S. Department of Labor (“Adjusted Annual Contract Price”). The increase, if any, will be determined by the cumulative average percentage increase published for the annual period ending in March of the year the increase is applied, using March of the previous year as the base.

7.2 In no event shall the annual increase exceed 3%.

7.3 The Adjusted Annual Contract Price shall take effect on July 1 each year.

7.4 This provision shall supersede any other provision in this Agreement relating to a price escalation based on a consumer price index for any amount owed.