



REQUEST FOR BID

BID NO. 988-0225-21A

FIREBREAK & DISKING

BID DUE DATE: February 25, 2021 at  
2:00PM

## I. GENERAL CONDITIONS

1. **General Information** - The Public Works Department of the City of Antioch, California, will receive bid responses at its office located at 1201 W. 4th Street, Antioch, CA 94509 on February 25, 2021 until 2 PM. Questions relating to specifications or technical questions must be submitted via email to Carlos Zepeda at [czepeda@antiochca.gov](mailto:czepeda@antiochca.gov). Bidders are NOT to pursue City staff by telephone or in person.
2. **Form of Bid** - The bid shall be made on the attached bidder's proposal form. If the form is deemed inadequate, additional information may be submitted with the proposal, via an attachment of catalogs, drawings, photographs, or a letter. Letters repeating prices and details from the City's specifications must be omitted. Bids shall be made only on the designated bid form, properly executed, and enclosed in a sealed envelope bearing the name of the bidder, the bid number, bid due date, and bid title. Forms are available and may be secured by prospective bidders at the Department of Public Works at **1201 W. 4<sup>th</sup> Street, Antioch, CA 94509**. Bids shall be written in ink, computer generated, or by typewriter. Mistakes may be crossed out and corrections inserted adjacent thereto and must be initialed in ink by the person signing the bid. Bids are to be verified before submission as they cannot be corrected or altered or signed after bids are opened.
3. **Interpretation of Bids** - Should a bidder find discrepancies in, or omissions from the specifications, or should bidder be in doubt as to their true meaning, bidder shall submit a formal request to the Public Works Department for an interpretation thereof **prior** to the bid opening to the attention of Rheanna Andelin at [randelin@antiochca.gov](mailto:randelin@antiochca.gov). The person submitting the request shall be responsible for its prompt delivery. Any interpretation of, or, change in the proposed documents will be made only by an addendum published on the City's website and shall become part of any contract awarded. The City will not be responsible for any other explanation or interpretations.
4. **Addenda** - Any addenda issued by the City during the time of bidding shall be covered in the bid and shall be made a part of the contract. It is the bidder responsibility to check the City of Antioch website, for any addenda that may have been issued prior to the bid/proposal due date.  
<https://www.antiochca.gov/rfps>
5. **Bid Opening** - Bids shall be delivered to the Public Works Department of the City of Antioch located at [1201 W. 4th St. Antioch, CA 94509](#) on or before the day and hour set for the opening of bids. A bidder may withdraw his bid, either personally or by written request, at any time prior to the scheduled time for opening of bids.
6. **Late Bids** - Any bids received after the scheduled time of opening will be clocked in but will not be opened or considered.
7. **No Bid** - If a bid is not made, the bid form must be returned and the reason for not bidding stated; otherwise the vendor's name will be removed from the bidders list. If a bid is submitted without an amount, it will not be considered.
8. **Award or Rejection** - The bid will be awarded to the lowest responsive and responsible bidder offering the lowest price to the City and will be announced by way of publishing to the City's website ([Bid Documents](#)). If within the past two years, a contractor has had a contract terminated early by the City of Antioch then contractor is disqualified from bidding on any future projects for a two-year period from the date of termination.

The City reserves the right to reject any or all bids, to accept or reject any one or more items of a bid, or to waive any minor irregularities or informalities in the bid. It is anticipated that all items will be purchased, however the City reserves the right to change quantities prior to the award. Estimated quantities are no guarantee of a certain quantity to be ordered by City.

- 9. Terms and Conditions** - The bidder shall not change the wording on the specifications or conditions. No words or comments shall be added to the general conditions or detailed specifications. Any explanation or alternative offered shall be set forth in a letter attached to the front cover of the specifications. Alternatives which do not substantially comply with the City's specifications cannot be considered. Conditional bids cannot be accepted.
- 10. Brand Names-** The make or brand and grade of the article on which the bid is submitted should be stated on the bid form.
- 11. Payment Terms** - Must be indicated by filling in the proper blanks on the bid form. Cash discounts of less than 20 days will be considered net. The standard terms at the City of Antioch are Net 30 days.
- 12. FOB Point** - It is understood that the bidder agrees to deliver FOB (Freight On Board) Destination, with no freight charges to the City. All costs for packing, delivery, drayage, postage, freight, express, or for any other purpose are to be borne by the bidder.
- 13. Approved Equal – Brand names and numbers, when used, are for reference to indicate the character or quality desired.** The use of the name of a manufacturer, or any special brand or make, in describing any item in the bid documents does not restrict bidders to that manufacturer or specific article. An equal of the named product will be given due consideration if literature is submitted with the bid showing that the product is of equal or better quality and utility to that specified by the City. Determination of acceptability of any product shall be solely at the City's discretion.
- 14. Tax** - No bid shall include federal excise tax, in as much as the City is exempt per published IRS regulations concerning state/local governments. The City is obligated to pay applicable state sales or use taxes.
- 15. Samples** - When requested, bidders shall submit properly marked samples of the article(s) on which bid is made to the City. Any sample submitted must be clearly marked in such a manner that the marking is fixed, so that the identification of the sample is assured. Such marking shall state (1) name of bidder, (2) number of bid, and (3) item number. Samples, when required, must be furnished free of expense to the City, and if not destroyed by tests, will upon request be returned at bidder's expense unless retained by City for future comparison.
- 16. Inspection** - All items furnished shall be subject to the inspection of the City, and unsuitable items may be rejected. Defective items shall be made good by the vendor in a manner satisfactory to the City.
- 17. Assignment** - No assignment by the contractor or any contract to be entered into hereunder or of any part thereof, except of funds to be received thereunder by the contractor, will be recognized by the City unless such assignment has had the prior written approval of the City.
- 18. Warranty** - Terms of any warranty offered by the manufacturer or the bidder shall be included with the bid. Contractor warrants all work done and goods provided under this Agreement shall at the minimum:

a) meet all conditions of the Agreement; b) shall be free from all defects in design, material and workmanship; and 3) shall be fit for the purposes intended. If any defects occur within said 12 months following acceptance, Contractor shall be solely responsible for the correction of those defects.

**19. Timely Delivery** – If indicated in the bid form, bidder shall indicate time of delivery as the number of calendar days following receipt of the order by the contractor to receipt of the goods or services by the City. Time of delivery may be a consideration in the award.

Time is of the essence, and the purchase order is subject to termination for failure to deliver on time. The acceptance by buyer of later performance with or without objection or reservation shall not waive the right to claim damage for such breach nor constitute a waiver of the requirements for the timely performance of any obligation remaining to be performed by the vendor.

**20. Liquidated Damages** - If delivery does not occur on schedule it is understood that the City will suffer damage. It being impractical and infeasible to determine the amount of actual damage, it is agreed that the contractor shall pay to the City the sum of **five hundred (\$500.00) dollars per day** for each calendar day delay in finishing the contract as specified in section “vi. Contract Terms and Conditions” of this Request For Bid (RFB).

**21. Termination for Default** - The City may, by written notice of default to the vendor/contractor, terminate the contract in whole or in part should the vendor/contractor fail to make satisfactory progress, fail to deliver within time specified therein or fail to deliver in strict conformance to specifications and requirements set forth therein. In the event of such termination, the City reserves the right to purchase or obtain the supplies or services elsewhere, and the defaulting vendor/contractor shall be liable for the difference between the prices set forth in the terminated order and the actual cost thereof to the City. The prevailing market price shall be considered the fair repurchase price. If, after notice of termination of this contract under the provisions of this clause, it is determined for any reason that the Contractor was not in default under the provisions of this clause, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Convenience clause. The rights and remedies of City provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under resulting order.

**22. Termination for Convenience** - The City may, by written notice stating the extent and effective date, terminate any resulting order for convenience in whole or in part, at any time. The City shall pay the vendor as full compensation for performance until such termination the unit or pro rate price for the delivered and accepted portion, and a reasonable amount, as costs of termination, not otherwise recoverable from other sources by the contractor as approved by the City, with respect to the undelivered or unaccepted portion of the order, provided compensation hereunder shall in no event exceed the total price. In no event shall the City be liable for any loss of profits on the resulting order or portion thereof so terminated. The rights and remedies of City provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under resulting order.

**23. Equal Opportunity** - Contractor shall not discriminate, on the basis of a person’s race, religion, color, national origin, age, physical or mental handicap or disability, medical condition, marital status, sex, or sexual orientation or any other prohibited basis under federal or state law, against any employee, applicant for employment, subcontractor, bidder for a subcontract, or participant in, recipient of, or applicant for any services or programs provided by Contractor under this Agreement. Contractor shall comply with all applicable federal, state, and local laws, policies, rules, and requirements related to equal opportunity and nondiscrimination in employment, contracting, and the provision of any services that are the subject of this Agreement, including but not limited to the satisfaction of any positive

obligations required of Contractor thereby.

Contractor shall include the provisions of this Subsection in any subcontract approved by the Contract Administrator or this Agreement.

- 24. Business License** – The City of Antioch requires that any contractor doing business within the city limits must hold a valid City of Antioch Business License prior to merchandise delivery (by vendor) or services provided.
- 25. Governing Law** - This contract shall be construed and interpreted according to the laws of the State of California with venue for any action under this Agreement in Contra Costa County, California.
- 26. Liabilities** -- Contractor shall indemnify, save and hold harmless from and defend the City, its officers, agents and employees, against any and all claims, costs, demands, causes of action, suits, losses, expense or liability arising from, or alleged to have arisen, from any acts or omissions of Contractor, its agents, sub-contractors, officials or employees, in connection with the execution of the work covered by this Agreement, as it may be amended, except for the sole negligence or willful misconduct of City. This indemnification includes any claim that the materials or equipment provided under this Agreement, or any tool, article or process used in manufacture of such tools or equipment, constitutes an infringement of any patent issued by the United States. This entire indemnification provision shall survive termination or cancellation of this Agreement.
- 27. Right to Audit** -- The City of Antioch reserves the right to verify, by examination of vendors' records, all invoiced amounts when firm prices are not set forth in the purchase agreement.
- 28. Assignment** -- In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of part 2 of Division 7 of the Business and Professions Code), arising from the purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.
- 29. Surety Bonds** – The Bidder is required to submit a bidder's bond if included on the Bid Form. Unless stated to the contrary in the Detailed Specifications, Contractor is required to provide the following surety bonds from an admitted and authorized surety in California in the full amount of the work to be performed.
- None Required
- 30. Prevailing Wage** - Where labor is required for public work as part of this contract, pursuant to the provisions of the Labor Code of the State of California, contractors shall pay no less than the minimum wages established by the Director of the Department of Industrial Relations of the State of California. **It shall be required that the contractor's DIR# be written on the sealed, bid package for verification purposes. If no DIR# is stated, the submitted bid package will not be reviewed.**

To the extent applicable, Contractor shall comply with the requirements of the California Labor Code including but not limited to hours of labor, nondiscrimination, payroll records, apprentices, workers' compensation, and prevailing wages.

No less than the general prevailing rate of per diem wages, and not less than the general prevailing rate of per diem wages for holidays and overtime work, for each craft, classification or type of worker

needed to execute the work under this Agreement shall be paid to all workers, laborers and mechanics employed in the execution of the work by the Contractor or any subcontractor doing or contracting to do any part of the work. The appropriate determination of the Director of the California Department of Industrial Relations shall be filed with, and available for inspection, at the City offices. Contractor shall post, at each job site, a copy of the prevailing rate of per diem wages. The Contractor shall forfeit fifty dollars (\$50.00) for each calendar day or portion thereof for each worker paid less than the stipulated prevailing rates for any public work done under the Agreement by it or by any subcontractor under Contractor.

The City reserves the right to request and review the contractor's payroll records in the form of certified payroll records. In the event certified payroll records are requested, they are to be submitted via email to [randelin@antiochca.gov](mailto:randelin@antiochca.gov). Furthermore, Contractor is to submit two sets: one complete and one redacted of private information [On the second copy the name, address and social security number of the individual employees must be redacted (blacked out).]

**31. Appeals** -- Any actual or prospective bidder, or contractor that has a grievance in connection with any City solicitation or award of contract may protest in writing pursuant to the provisions in Antioch Municipal Code section 3-4.03. Protestors are urged to seek resolution of their complaints initially with the using department.

**32. Contract Documents** - The work embraced herein shall be performed at the locations covered in this bid and in accordance with the current Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation. In addition to the State Specifications, the following will also apply: these Specifications; the Proposal; the Contract, required herein; any supplemental agreements amending or extending the work; working drawings or sketches clarifying or enlarging upon the work specified herein; and to pertinent portions of other documents included by reference thereto in these Specifications.

The Successful bidder shall be expected to agree to and comply with all terms addressed in the attached Sample Maintenance Services Agreement. The bidder shall not change the wording in the attached specifications or conditions. No words or comments shall be added to the general conditions or detailed specifications. Conditional bids cannot be accepted.

**33. Insurance** -- Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

All certificates and endorsements must be emailed to [randelin@antiochca.gov](mailto:randelin@antiochca.gov) with the name of the contract clearly identified on the certificates and endorsements AND annual renewals automatically be generated and emailed as instructed.

Minimum Scope of Insurance: Coverage shall be at least as broad as:

- Insurance Services Office Commercial General Liability coverage (occurrence Form CG 00 01), Owners and Contractors Protective Liability Coverage Form – Coverage for Operations of Designated Contractor).
- Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto).

- Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.
- Builder's Risk (Course of Construction) insurance covering all risks of loss less policy exclusions.

Minimum Limits of Insurance: Contractor shall maintain limits no less than:

1. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than **\$2,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: ISO Form Number CA 00 01 covering any auto (Code 1), or if Contractor has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limit no less than **\$1,000,000** per accident for bodily injury and property damage.
3. Workers' Compensation: As required by the State of California.
4. Employer's Liability: **\$1,000,000** per accident for bodily injury or disease.

Additional requirements if applicable:

5. Builder's Risk: Completed value of the project with no coinsurance penalty provisions for construction project.
6. Professional Liability: \$1,000,000 as needed for design/build and other professional services.
7. Contractor's Pollution Liability: \$1,000,000 per occurrence \$2,000,000 policy aggregate if hazardous materials are involved.

Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions: The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. *Additional Insured Status.* The City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).
2. *Primary Coverage.* For any claims related to this contract, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
3. *Notice of Cancellation.* Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the City.

4. *Waiver of Subrogation.* Contractor hereby grants to City a waiver of any right to subrogation which any insurer of said Contractor may acquire against the City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.
5. *Deductibles and Self-Insured Retentions.* Any deductibles or self-insured retentions must be declared to and approved by the City. The City may require the Contractor to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

Certificate of Insurance and Endorsements: Contractor shall furnish the City with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Contractor's obligation to provide them. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at anytime.

Acceptability of Insurers: Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable by City.

Verification of Coverage: Contractor shall furnish the Entity with original certificates and amendatory **endorsements** affecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Entity before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

Subcontractors: Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein.



## **II. SPECIFICATIONS**

### **i. Customer Service & Quality Assurance**

Any work or assigned duties that are not performed to our standards and/or contractual agreement or the regulating agency may result in delay, reduction or discount at the contractor's expense. The judgment for reduced payment or discount shall be at the City's sole discretion. In addition, the City may move to the next lowest responsible bidder if the City is not happy with the services or communication supplied by the contractor. All complaints about services rendered will be processed by the Deputy Public Works Director or designee/s. Any damages or fines placed upon the City of Antioch due to delays or poor performance by the contractor will be paid for by the contractor. Funds will be deducted from payment to the contractor.

### **ii. Contractor Will Provide**

Contractor to be capable of responding to requests by both email and cell phone. The Contractor shall have a representative available to meet with the City of Antioch representative from Monday through Friday 7am – 4:30 pm, except holidays and a safe and motivated crew capable of performing all work per specifications. Contractor is to keep the City informed of working locations daily, so that the City representative can inspect the work throughout the process. At least one crew member must speak English; Contractor shall provide all labor, equipment and materials required to perform the work as specified in a safe and productive manner. Contractor will be responsible for onsite safety, traffic control and quality control. Contractor must abide by all California Manual on Uniform Traffic Control Devices specified traffic control standards. All work must be in accordance with all state and local laws, codes, and specifications. Workers must wear reflective vests at all times. Vehicles must be clearly labeled with company name and vehicles numbers.

### **iii. Scope of Work**

To provide all labor, equipment and incidentals to complete firebreak and disking weed abatement along City open spaces, trails and right-of-way's as specified and described in the list of firebreak and disking locations in this RFB pages 12 to 21. Furthermore; work to be performed under the specification and as mandated by Contra Costa County Fire Protection District (CCCFPD) minimum weed abatement standards included herein (attachment B) and as mandated by the CCCFPD's most current revised standards for all contract years. It is incumbent upon the contractor to keep current on those standards and be responsible for compliance. **Area maps are included as Attachment "A" to assist in area identifications.**

If late rain causes delay in completion of work between disking and hand weed abatement, contractor may be required to re-work areas to meet CCCFPD standards. If work is not completed up to current year standards no compensation will be paid to the contractor until the work has been completed up to standards. If the re-work was of no fault of the contractor then the City will pay compensation on a time and materials basis. The City's representative will make the final decision relating to work being up to standards.

If any material such as soil or vegetation from the weed abatement handwork, mowing or disking operations enters any V-ditch, said contractor shall remove all material from the V-ditch prior to inspection from the City's representative. No payment will be made until all material has been removed from the V-Ditch and it has been inspected by both the contractor and the City representative. The contractor is to report any V-ditches that are full of dirt or debris prior to work being completed. If material or debris enters the drain inlets on the V-Ditch the contractor will be required to clean them at no expense to the City. **THE GOAL IS TO KEEP THE V-DITCHES CLEAN, CLEAR AND OPEN FOR STORM WATER TO FLOW.**

### **iv. Hours of Operation**

Work can be accomplished between 7:00 a.m. and 6:00 p.m. Monday through Friday. Per Antioch Municipal Code, Section 5-17-05, construction noise is limited on weekends, no construction noise prior to 7:00 am and after 6:00 pm, and further limited to 8:00 am and 5:00 pm if 300 feet of occupied

dwellings. Work may be performed on Saturdays; however, there shall be no noise producing activities until after 8:00 a.m. No work is allowed on Sundays.

**v. Work Plan - Schedule**

The contractor will be required to give the City of Antioch priority scheduling and attention for this project. Contractor shall provide City representative with a written work schedule of firebreak areas and written update on a weekly basis as to the progress of the crews. All changes from the schedule will be communicated as soon as possible. The City and Contractor will meet and discuss the starting date, starting locations, and work-flow, on or before April 1<sup>st</sup> of each contract year for all the firebreak areas described in this RFB. **Contractor shall not begin work without prior authorization from the City.** All firebreak areas listed in "III. FIREBREAK & DISKING ZONES WITH AREA DESCRIPTIONS" of this RFB, must be completed by June 30<sup>th</sup> of each contract year.

**vi. Contract Terms and Conditions**

This contract will be effective **April 1, 2021 thru June 30, 2023**. It is anticipated that the contractor will work under a three-year Agreement with the City. Upon successful review, at the end of the three (3) years, the City may renew the Agreement for up to two (2), (FY 2023/2024 and FY2024/2025), additional years at the price quoted in this RFB. The agreement for additional years is contingent on the approval from both parties (City of Antioch and Contractor). Liquidated damages will be applied if project is not completed by the date agreed upon.

**vii. Limitations**

If it should be necessary to add additional areas of work, the following schedule shall be followed:

- 1.) Firebreak work orders given to the contractor by the City of Antioch during the period of April 1<sup>st</sup> through June 16<sup>th</sup> must be completed by June 30<sup>th</sup> per contract year and all invoices must be received by the City contract representative by July 31<sup>st</sup> each contract year.
- 2.) Firebreak work orders given to the contractor during the period of June 17<sup>th</sup> through June 30<sup>th</sup> must be completed by July 7<sup>th</sup> per contract year and the invoice must be received by the City contract representative by July 31<sup>st</sup> each contract year.
- 3.) Firebreak work orders given to the contractor after July 7<sup>th</sup> per contract year must be completed within seven (7) days and the invoice must be received by the City contract representative by July 31<sup>st</sup> each contract year.
- 4.) All additional work will be billed at the hourly rate for extra work, as provided for in this bid proposal. The City and the Contractor will meet and agree on the location and amount of time to complete any additional work as authorized by the City.

**viii. Equipment & Supplies**

Contractor agrees to provide and maintain all equipment required to perform the above services. The contractor's equipment shall be of top quality and in good working order at all times. Contractor is required to supply enough equipment to complete the project on schedule.

For Disking Areas: Recommend Tractor D-2 or larger with front blade, truck and trailer, and an 8 foot disk minimum. Four-wheel drive tractor/8-point hydraulic and disk.

**ix. Examination of Parcels. Conditions. Etc.**

The bidder must carefully inspect all parcels, locations and conditions prior to beginning work. The City of Antioch will in no case be responsible for any loss or any unforeseen costs that may be suffered by the contractor as a result of the contractor's failure to inform itself of all conditions pertaining to the work. Areas are subject to change due to development.

**x. Invoicing**

With the request for payment each month, Contractor shall provide a list of areas completed. Also

included shall be a list of work to be completed the next month. No payment will be made without a completed work schedule for the month, deficiencies noted and corrected, and the work plan for the next month. All information is to be provided in email format and paper copy if desired by City designee. Bidder is required to include the type of work, zone/area numbers and descriptions, and completion date on each invoice:

- **Disking – by zone and area (example below):**

DA. 611 2320 Water Tanks

DA1. Deerfield water tank on Via Dora Drive across from 4505 Via Dora Drive inside fence lines and area in back of tank. Note: watch out for sprinklers at edges of landscape.

- **Firebreak– by zone and area (example below):**

FI. 256 4563 District 2A-3

FI1. Lot next to 500 Gary on the corner of Cavallo Road and Gary Avenue, complete abatement. FI2. Behind 1800 to 1816 Trembath Street

The City reserves the right to add other areas for an additional cost or to remove some areas and receive a cost savings on those areas removed from the contract list.

**xi. Firebreaks**

Minimum width – Firebreaks shall be thirty (30) feet wide with 15-foot cross-breaks in areas greater than 5 acres - from fence lines or structures unless otherwise specified on the work orders or by the most current version of the CCCFPD Minimum Weed Abatement Standards. Areas smaller than 5 acres require complete abatement.

**xii. Handwork**

Contractor shall provide sufficient personnel and equipment to maintain a steady pace as to complete all firebreaks by June 30<sup>th</sup> of each contract year, unless otherwise mandated by CCCFPD.

Contractor will mulch or remove all excess debris caused by the cutting of the firebreaks so there is insufficient fuel to sustain or allow the spread of fire. **Material that is not mulched to the satisfaction of the City inspector and/or CCCFPD will need to be re-mulched by said contractor at Contractor's expense.**

All equipment shall be equipped with spark arrestors as to not set fire to any part of property whether public or private.

Fire extinguishers shall be present on all jobsites at all times, and all personnel will be trained in the operation of the extinguishers.

Vehicles that are used to transport people and equipment are limited to asphalt or concrete trails and roadways. At no time are these vehicles to park off the pavement, on any part of open space, due to the dry and windy conditions that exist in Antioch.

Contractor is responsible for training all operators of hand equipment and shall be trained in the safe and proper use of the equipment he or she is operating.

**xiii. Flail Mowers**

Flail Mowers may be used instead of weed eaters or hand tools to cut the firebreaks as long as the work can be completed in a safe manner. Unless otherwise specified on the work orders or by the most current version of the CCCFPD Minimum Weed Abatement Standards, mowed fuel breaks shall be 60 feet wide and mowed cross breaks 30 feet wide due to ability of the remaining surface material to support a fire growth. If additional areas are requested/required by the City to be mowed, the contractor will be requested to give an hourly rate for flail mowing for any additional areas.

**xiv. City Will Provide**

Inspection – The City's representative will answer questions and inspect work for contract compliance.

**xv. Budget**

The City has budgeted approximately \$140,000 per contract year for this job. An additional \$25,000 will be added to the purchase order for any additional work that the City may require. The additional allocation of funds is not a promise or guarantee of work. It is only in place for additional or contingency work.

**III. FIREBREAK & DISKING ZONES WITH AREA DESCRIPTIONS**

**FA. 251 4511 Lone Tree Zone 1, Williamson Ranch**

- FA1. Starting behind houses on the corner of Hillcrest Ave and Prewett Ranch Dr, complete weed abatement of entire hill heading north to Williamson Ranch Dr.
- Begin 60' Firebreak starting behind 5213 Walker Ct heading west behind Equestrian Ct, Pioneer Ct, Homestead Ct, Roundup Ct, and Hereford Ct, then continue south behind homes along Hereford Way to Prewett Ranch Dr.
  - Continue 60' Firebreak behind 5133 Prewett Ranch Dr heading north behind homes behind Kiowa Ct and Pawnee Dr to Indian Hill Dr.
  - Continue 60' Firebreak behind 5100 Aubrey Ct heading south, then east behind homes on Aubrey Ct, Longbranch Ct, Furlong Way, Tumbleweed Ct, Thistlewood Ct and ending at Hillcrest Ave.
- FA2. Complete weed abatement starting behind 5124 Grass Valley Way to 5136 Grass Valley Way
- Continuing West from 5136 Grass Valley Way to Sagebrush Dr.
  - Continue weed abatement North to Indian Hills Dr
  - From Indian Hills Dr head East to 5124 Sundance Ct, continuing east behind Sundance Ct, Toyon Ct, Comanche Ct and to the end of the property line at 5125 Comanche Ct.
- FA3. Perform 30 ft. firebreak weed abatement Along Deer Valley High School Pathway East to Sagebrush Drive
- Head South along sagebrush Dr to Prewett Ranch Dr complete Weed Abatement.
- FA4. Starting at Lone Tree Way Trail entrance (5065 Longhorn Way), perform complete 60' Firebreak behind homes, heading Southeast to Morgan Way. Then head North with a 60' Firebreak to Lone Tree Way.
- Begin at trail entrance on Morgan Way, from 5008 Wagon Wheel Way, complete weed abatement of parcel to trail entrance at Indian Hill Dr.

**FB. 251 4512 Lone Tree Zone 2**

- FB1. Start behind 2632 Strawberry Ct and end behind 2408 Mark Twain Dr
- Continue Abatement of Slope heading Northwest behind 2342 Mark Twain Dr.
  - Head West behind homes with a 60' Firebreak to Mokelumne Drive
- FB2. Starting behind 2355 Croker Ct create 60' Firebreak to V Ditch and 2349 Forty Niner Ct
- Continue with a 30' Firebreak behind homes on Forty Niner Way, Anita Ct, Elena Ct and Squaw Ct, Ending at Deer Valley Rd.
- FB3. Start Behind 1948 Kern Mountain Way, perform 30' Firebreak to 1863 Mt. Conness Ct, continuing to Dallas Ranch Rd.
- FB4. Start behind 5106 Sims Mountain Ct, perform 30' Firebreak behind houses heading East to Mokelumne Dr
- FB5. Start East of Dallas Ranch Rd, Starting at 1807 Tioga Pass Ct, Complete Abatement of Parcel heading east to 2035 Mokelumne Dr.

### FC. 251 4513 Lone Tree Zone 3

- FC1. Abate 60' at top of hill along homes of Lone Tree slope between Dallas Ranch and Golf Course Roads, behind Cougar Peak Ct and Sheffels Peak Ct. Finish behind 4703 Matterhorn Court.
- Also, complete abatement of slope behind 4655 Golf Course Rd, heading West, then North to the entrance of 4655.
- FC2. Abate 60' Area behind houses on Cache Peak at Golf Course Rd that continues behind Matterhorn Way and then Crestone Needle Way around water tank to behind Bedford Peak, Snowmass Peak, Shavano Peak, and Torreys Peak Court.
- Along Golf Course Rd connect 60' Fuel break from Torreys Peak Ct North to Cache Peak Dr.
- FC3. Start 30' Weed Abatement behind houses on Mesa Ridge at north side of the trail entrance, continue behind houses on Woodhaven Way and Stonecrest Dr, end behind homes on Springcrest Ct. by Dallas Ranch rd.
- FC4. Start 30' abatement behind 5101 Trailridge Ct, head West behind home to 1317 Stony Gorge Way, then only complete abatement of parcel adjoining Dallas Ranch Park
- FC5. Begin 30' abatement behind homes at 1133 Prewett Ranch Dr, heading west behind homes to Mesa Ridge Dr.
- FC6. Start behind 1099 Prewett Ranch Dr on the corner of Mesa Ridge Dr, create 60' Firebreak along Prewett Ranch continuing behind Southwood Way and ending at the west side of the property line of 5504 East Creek Way
- FC7. Start at 5092 Mesa Ridge Dr, creating a 60' Firebreak heading west behind houses on Judsonville Dr all the way to the landscaped area on Frederickson Lane
- FC8. Create 60' Firebreak from Nortonville Way at Judsonville Dr, continuing west along Nortonville Way to Hansen Park. Then, South along Hansen Park to Heacock Way. Then east along Heacock Way to 5017 Carbondale Way.
- Continue East to 5076 Judsonville Dr, then North along Judsonville, back to Nortonville Way
- FC9. Create 60' Firebreak in Open space along houses West of Hansen Dr, to Judsonville, then north along Judsonville Dr and Union Mine dr back to start on Hansen Drive by Hanson Park.

### FD. 253 4531 Almondridge Zone 1

- FD1. Trail beginning at Oakley Road east to Philips Lane; complete abatement
- FD2. Open lot between 3100 Filbert St and 3032 Beechnut Ct; complete abatement.
- FD3. Southwest parcel Wilson Street at 18<sup>th</sup> St; complete abatement

### FE. 254 4541 Hillcrest Zone 1

- FE1. Begin 60' Weed Abatement at landscaped area behind 2820 Terrace View Ave continue behind homes to 3308 Terrace View Ave. Continue behind and next to the four houses on Hillcrest Avenue from 3501 to 3527
- Adding 30' along westside of 3501 Hillcrest Ave, Hillcrest Ave, and along eastside 3457 Hillcrest Ave.
- FE2. Start 30' Abatement behind 3300 Baywood Circle, proceed North along Bellflower Dr., then west to 3112 Ferngrove Way. Continue south along fence line behind Crestline Ct., Vista Hills Ct and Hidden Hills Ct., all the way to Terrace View Ave.
- Starting again at 3300 Baywood Circle proceed South behind homes along Baywood Circle all the way back to Bellflower Dr at 3628 Baywood Circle.
  - Starting at 3201 Bellflower Dr., head North and then East with a 60' Firebreak ending behind 3525 Leafwood Circle (APN052470001)

- Starting again at 3201 Bellflower Dr create a 30' Firebreak North to 3120 Sunflower Dr., then East behind homes to Larkspur Dr by school entrance.
- FE3. Start 30' Firebreak behind 2745 Bluebell Circle heading south to Bluecurl Court, then southwest to Bluebonnett Court.
- Continue 30' Firebreak behind homes along Larkspur Bellflower Trail doing entire loop area, then heading south behind 2803 Larkspur Drive until reaching the school entrance at the end of Larkspur Drive.
- FE4. Starting North behind shopping center off Larkspur Dr., create a 60' Firebreak South then West along back of all houses on Lotus Ct. ending at Lotus Ct itself. Complete Abatement of Parcel along PG&E Row, continue complete abatement ending at Wildflower Dr by Wildflower Pointe homes.
- FE5. Creating a 30' Firebreak begin at 4157 Folsom Dr. going behind Isabella Court and Pillsbury Court continuing behind 4233 Spaulding St. until reaching 4265 Spaulding St.
- FE6. Starting back at 4157 Folsom Drive creating 30' firebreak heading south toward Wildhorse Rd. continuing west behind 'Landscape' to Hillcrest Ave then finishing at the end of the property line of 4215 Hillcrest Ave.
- FE7. Starting along MNO Grant Elementary property fence on E. Larkspur Drive create a 30' firebreak on E. Larkspur Drive continuing north behind homes toward 3901 Mead St.
- From there, continue 30' firebreak heading east behind 3900 Folsom Dr. toward Donner Ct. ending behind 4125 Chabot St.
- FE8. Beginning alongside 4233 Amargosa Drive, create a 30' firebreak behind homes to 4057 Meadow Lake St. continuing behind Meadow Lake St. and Amargosa Drive ending at Tulare Court.
- FE9. Complete abatement of open space between 4331 and 4337 Folsom Drive.
- FE10. Starting at the parking lot next to 4309 Folsom Drive create a 60' firebreak behind homes on Folsom Drive to 4315 Berryessa Ct. Continue north along the property line to Wildhorse Rd, then create a 60' firebreak back to the parking lot next to 4309 Folsom Dr.
- FE11. Complete abatement at trail entrance behind 4516 Loon Ct. to behind 4504 Temblor Way.
- Continue complete abatement of slope starting at 4500 Temblor to 4316 Folsom Dr. (CCWD Property to Ridge)
- FE12. Start at 4532 Goode St. heading north behind homes to 4442 Spire St., creating a 30' firebreak behind homes
- FE13. Start behind 4551 Le Conte Circle creating a 30' firebreak behind homes ending at Wildhorse Rd.
- FE14. Monterra Subdivision – Complete abatement from 4520 Benton St. to 4580 Benton St., then the Good St. power tower continuing north behind homes on Good St. to tower entrance.

#### FF. 254 4542 Hillcrest Zone 2

- FF1. Complete Abatement of Greenbelt area behind Wildcat Circle from fire station on Deerfield Drive east to 4420 Fawn Hill Way then west to 4501 Wildcat Circle doing entire area from fence to fence including fescue and entrance areas
- From 4508 Wildcat Circle, proceed south back to Fire Station and west along 4531 Via Dora Dr, complete abatement.
  - Starting at 4421 Fawn Hill Way, go east along fence lines to Hillcrest Ave., north along Hillcrest Ave to Golden Bear Houses, then West back to 4421 Fawn Hill with a 30' Firebreak.
- FF2. Weed Abate Entire lot between 4605 and 4619 Golden Bear Drive.
- FF3. Complete abatement at Bear Ridge Way in open space behind houses at 3340 Lair Way to 3252 Cub Court
- FF4. Complete abatement starting at 3126 Kodiak St heading north to the end of Morro Drive

- FF5. Create 60' Firebreak Going behind 3355 Bear Ridge Way to 3305 Bear Ridge Way then heading west toward 3102 Ursus Court and ending behind 3101 Kodiak St.
- Continue behind 3101 Kodiak St. then east behind fence line of Hillcrest View Apts.
  - From there, continue along CCWD Canal fence line to Hillcrest Ave landscape then head south along Hillcrest Ave around homes to 4320 Hillcrest Ave.
  - Heading south, create 30' firebreak back to 3355 Golden Bear Dr.
- FF6. Abate entire lot between 4412 and 4430 Montara Drive to fence at Deerfield Corridor Trail.
- FF7. From 4429 Montara Drive behind houses to 4526 Buckeye Ct. create 30' firebreak.
- Then heading east from 4526 Buckeye Ct, create 30' firebreak to Via Dora Dr., then heading North, create 60' firebreak along Via Dora Dr to Deerfield Tank entrance.
  - Complete abatement of entire lot North of the entrance to the water tank fence line. Then, create 60' firebreak along fence line to 4429 Montara Dr.
- FF8. Create 60' firebreak behind 4412 Avila Court at Country Manor Park continue to Bugle Way to 2657 Yorkshire Dr.
- FF9. Create 60' firebreak in Open Space area that runs along Via Dora Dr behind San Onofre Ct, San Gregorio Ct, San Elijo Court and behind the houses on Palomar Dr, both the top and bottom of the hill.
- FF10. Start 60' firebreak behind 4017 Benbow Ct. and behind homes along Via Dora Dr.
- Continuing 60' firebreak heading west behind homes along Carpenteria Dr to 2525 Carpenteria Dr, then head north along Deerfield Corridor Trail to Contra Costa Canal Gate.
  - Then, behind 2457 Shelbourne Way, continue 60' firebreak west behind homes to Yorkshire Court then continue behind homes on Yorkshire Drive ending at Weston Ct.
- FF11. Start 60' firebreak next to 2401 Whitetail Drive behind houses on Covelite Way to Brocatello Ct. Continuing west toward Galenez Way to Rocky Point Dr behind Quart Ct ending back at 2401 Whitetail Dr.
- FF12. Begin 30' Firebreak at the Soundwall from Hillcrest Ave slope area behind the home of 5061 Crest Park Circle. Then head west to Prewett Park Open Space continuing North to Country Hills entrance pathway.
- FF13. In the open space behind 4753 Kangaroo Ct., create a 30' firebreak behind Kangaroo Ct., Koala Ct., Mustang Ct., and Appaloosa Way ending on Deer Valley Rd. No work to be done on Burrowing Owl Sanctuary
- FF14. Create a 60' firebreak around Prewett Family Skatepark. Complete abate Skate Park
- FF15. Create a 30' firebreak at Prewett Family Park on the North and South sides of the Skate Park pathways
- FF16. Start at the North side of the Mokelumne Trail pathway West of Walmart creating a 30' firebreak on North side of trail heading west to 4823 Lone Tree way.
- FF17. Complete abatement of Open Space at La Jolla Drive
- FF18. Complete abatement at Deerfield Corridor Walking path from Deerfield Drive to Country Hills Drive.
- FF19. Complete abatement at Deerfield Corridor Walking trail from Asilomar Drive to trail entrance behind 4569 Park Hill Court

#### FG. 254 4544 Hillcrest Zone 4

- FG1. Beginning at Hidden Glen and Hillcrest Ave heading south behind homes on Braemar St. to 5017 Kushner Way, create 60' Firebreak
- Continue behind Kushner Way heading toward Spur Way and ending behind 5048 Canada Hills Way.
- FG2. Complete abatement starting at the North side of Canada Valley Trail from Hillcrest Ave to 5349 Fairside Way. Then, on the southside of trail beginning at 5349 Fairside Way heading west behind homes and shopping center ending at Hillcrest Ave, do not work in East Antioch Creek.

- FG3. Start 30' Firebreak behind Filly Ct continuing behind Colt Ct heading west behind homes along Carriage Way. Then, continue South behind homes along Woodbridge Way to end of Rodeo Ct., then east along houses behind Winterglen Ct to Trail entrance at 4700 Vista Grande Drive, north back to Filly Ct
- FG4. Start 60' Firebreak behind 4717 Shetland Ct continuing behind Palomino Way to Laurel Rd.
- FG5. Create 60' Firebreak starting at 4609 Mendota Way heading South behind homes on Emerald Way to Durness Ct. Then continue east behind homes to Aberdeen Ct then South to Glasgow Ct.
- FG6. Create a 60' firebreak around parcels 053-040-088 and 053-670-019 along Hidden Glen Drive. Also adding a 60' cross break from 4543 Selkirk Ct to Ellis Ct.
- FG7. In the Open Space area of the following: between Stewart Street and Appleglen Street and south of Hidden Glen Drive; Create a 60' Firebreak along the Perimeter, also 60' cross break entire parcel
- FG8. Ridgeline Drive at PG&E tower around Ellis Court, create 60' firebreak.

FH. 255 4551 District 1-A

- FH1. Complete Abatement starting at Melon Ct by Markley Creek path, North to Mobile Home Park then behind houses on Cathy Ct and Jennifer Ct to locked gate near Buchanan Rd. Do not work in Markley Creek.

FI. 256 4563 District 2A-3

- FI1. In the lot next to 500 Gary on the corner of Cavallo Rd and Gary Ave; complete abatement.
- FI2. Behind 1800 to 1816 Trembath Street create 30' Firebreak.
- FI3. Behind houses on Candace Ct and Geyser Ct, continuing behind 1701 Yellowstone Dr to 1737 Yellowstone Dr create 30' Firebreak.
- FI4. Create a 60' Firebreak on the East side of the Hillcrest Retention Basin from 18<sup>th</sup> St behind Hargrove Ct, Sandy Ct, and Sandy Wy to 1525 Hillcrest Ave, continuing South along Hillcrest Ave to Plymouth Ln
- FI5. Create a 60' Firebreak on the West side of the Hillcrest Retention Basin from 18<sup>th</sup> St to Hillcrest Ave
- FI6. Behind 122 Southlake Dr West of Hillcrest Ave to 18<sup>th</sup> St; complete abatement.

FJ. 256 4564 District 2A-4

- FJ1. Complete abatement behind houses from 142 Hyde Place to end.
- FJ2. From #2 Danridge Ct. east along property line to Sunset Ln, then head South and West to #5 to Felicia Ct. creating a 60' Firebreak.
- FJ3. Create 30' Firebreak at fence lines on both sides of PG&E right-of-way parallel to Mountaire Dr from Harbour Park, crossing Garrow Dr and Tahoe Ct, continuing to Mountaire Park; also perform 30' firebreak of both sides of the PG&E right of way behind houses on Christina Ct and next to houses on Garrow Dr and Elmo Rd ending at Mountaire Park.
- FJ4. Create a 60' firebreak starting behind 1012 Eastbourne Ct. heading west to 1008 Burwood Way

FK. 256 4565 District 2A-5

- FK1. Between houses on S. Royal Links Circle and Lone Tree Pump Station
  - Start at 4165 S. Royal links Circle creating a 60' firebreak heading South to Royal Links Ct, then north until reaching Pump Station property end on Lone Tree Way
- FK2. Create 30' Firebreak behind houses on Gallagher Circle from James Donlon Blvd. the backside of Sutter Elementary School ending at G St. gate.
- FK3. Sewer Easement by Catholic Church, Complete Abatement



- FK4. Create a 30' firebreak on both sides of homes from Contra Loma Blvd. to Lone Tree Way along Mokelumne Trail path fencelines.
- FK5. Complete abatement between houses on Longview Rd entrance to EBMUD Right-of-way, east along trail to G St. Cross G St, complete abatement south side of Cloucester St., ending at Disked open space by WTP.

FL. 256 4566 District 2A-6

- FL1. Complete abatement of Putnam Power Towers south to Contra Costa Canal property, between Polk Ct and Taft Ct

FM. 256 4568 District 2A-8

- FM1. Complete abatement of hillside and fence line from 2205 to 2080 Reseda Way
- FM2. Complete abatement of PG&E trail from Silverado Dr at Quesada Ct to Warbler Dr
- FM3. Complete abatement alongside and behind 2331 Grimsby Court to East Bay Regional Parks Trail Entrance
- FM4. Create 60' firebreak starting behind 3901 Osprey Drive to behind 3833 Osprey Drive.
  - Abate Entire Parcel at Seeno Property at 2417 Cambridge Drive
- FM5. Create 60' firebreak starting at 3992 Finch Drive and continuing North behind homes to 3912 Finch Drive.
  - Then, complete abatement heading East to 2509 Cambridge Drive.
  - Create a 60' firebreak starting behind 3908 Finch Drive and ending at 2539 Cambridge Drive.
- FM6. Create 60' firebreak starting behind 3693 Mallard Ct. heading North behind homes on Mallard Way ending at 3598 Mallard Way.

FN. 256 4569 District 2A-9

- FN1. 60' Firebreak behind Condor Ct, Falcon Ct, Greystone Ct, Glade Ct, Mulberry Ct, Greentree Ct, Mimosa Ct, and Belvedere Ct continuing behind Rock Island Dr, Rocky Point Dr, and Hawk Ct
- FN2. Complete abatement of Landscape Slope starting at 404 Blue Rock heading south to EBMUD Right-of-way ending at 301 Redrock Dr.
- FN3. Start 30' Firebreak behind 2017 Spruce Way at the Mokelumne Trail and head East behind homes to 2217 Koa Ct. Then, on the North side of trail behind 4516 Bighorn Court, create a 30' firebreak West to 2005 Spruce Way.
- FN4. Weed Abate the North and South side of EBMUD Right-of-way from Bluerock Dr to Ridgerock Dr. 30' Firebreak along fence line.

FO. 256 4572 District 2A-10

- FO1. Create 60' firebreak starting behind 4011 Moller Ranch Way heading North along houses to Markley Creek Park
- FO2. Create 60' firebreak starting behind 3529 Markley Creek Drive heading South to 3729 Markley Creek Drive
- FO3. Complete abatement at Open Space entrance at Summit Way by Heaton Ct head West to James Donlon Blvd.
- FO4. Create 60' firebreak starting behind 4076 Barn Hollow Way heading South to 4092 Barn Hollow Way

- FO5. Create 60' Firebreak, tractor mowing and string trimmers only, Somersville Drive at James Donlon Blvd., East side 2 parcels split by James Donlon Blvd. APN #076-021-015 & APN #076-021-014, cross breaks needed on northeast parcel only. This includes complete abatement of trail area near Somersville to James Donlon Blvd.
- FO6. Complete abatement of slope from Barn Hollow Way to Westridge

#### FP. 259 4591 District 10

- FP1. Create 60' firebreak beginning at Canada Valley and Vista Grande Drive.
- Continue 60' firebreak behind homes at 4842 Green Castle Way heading South to Tipperary Way and Cushendall Way.
  - Then, West to Country Hills drive until reaching Carmen Dragon Elementary school property lines.

#### FQ. 611 2320 WTP

- FQ1. Complete abatement at 2547 Cambridge Drive Water Tank
- FQ2. Complete abatement water treatment holding pond access off of Whitehaven Ct. Next to 810 and off of Spartan Way.
- FQ3. Start at Water Treatment Plant behind 3223 View Dr, head West create 60' firebreak until reaching G St.
- Continue 60' Firebreak behind 829 Gloucester St. to 801 Gloucester St. Then head north along property lines to fence behind Bourton Ct, then head east along fence and then south back to the WTP.
- FQ4. Obtain access from the back gate at the Water Treatment Plant (401 Putnam Dr), and create a 60' firebreak starting behind #2 to #30 Terranova Drive, head North along WTP fence and along 3200 Lone Tree Way office building continuing West to WTP entrance gate.
- Head South from WTP Main Gate, do 60' Firebreak back to WTP rear gate

#### FR. 100 2196 Century/Delta Fair

- FR1. Complete abatement of parcel parallel to Contra Loma Estates Park.
- FR2. The Northeast corner is paved, perform complete abatement at Northwest corner.

#### DA. 611 2320 Water Tanks

- DA1. Disc area surrounding Deerfield water tank on Via Dora Drive across from 4505 Via Dora Drive inside fence lines and area in back of tank. Note: watch out for sprinklers at edges of landscape.
- DA2. Disc area surrounding James Donlon water tank, inside fence lines and add handwork around tank circumference where tractor can't access.
- DA3. The north side of Antioch Reservoir, two parcels west of old Lone Tree Way. Disk southwest along fence line to gate and inside reservoir fence on the north side of the reservoir. Disk area from road to cyclone fence west to the dam.
- James Donlon south side between Contra Costa Canal and Royal Links Circle, disk southward along Antioch Reservoir fence line.
- DA4. Complete abatement at Water Treatment Plant disk west side of plant
- DA5. Water tank at Lone Tree and Walton Lane, behind Church on the Rock and adding handwork around tank.
- DA6. Larkspur water tank inside fence lines and around Larkspur water tank hill perform complete abatement.

DB. 251 4512 Mokelumne/ Mark Twain

- DB1. Complete abatement of Open space area East of Mokelumne Drive, South of Mark Twain Drive and North of Forty Niner Way.
- DB2. Open space area West of Mokelumne Drive, South of Badger Pass Way and North of Mount Conness Way to Mount Conness Court: disk along back of houses and trail area. Split hillside and disk along trail.

DC. 251 4513 Hansen Park/ Nortonville

- DC1. Open space area East of Hansen Park, South of Nortonville Way and North of Heacock Way: Disk along landscaping, splitting hills as required for 5 acre parcels.
- DC2. Disk Open space area West and North of Hansen Drive, east of Judsonville Drive and south of Union Mine Drive, splitting hills as required for 5 acre parcels.
- DC3. Open space area South of Judsonville Drive, from Empire Mine Road to 5281 Judsonville Drive: Disk behind houses and along fence lines, splitting hills as required for 5 acre parcels.
- DC4. Open space area West of Dallas Ranch Road, North and East of Dallas Ranch Park to Mesa Ridge Drive: Disk along houses and pathways, splitting hills as required for 5 acre parcels.

DD. 254 4541 East side of Hillcrest

- DD1. PG&E Power lines run North and South between Larkspur and Wildflower. The tower is on North side of Lotus Court. Go South along PG&E right of way and around the back of houses only on Lotus Court. South of hill on hillcrest side toward Lobelia Court and South towards and around 2908 Wildflower. Do Not continue power line South across Wildflower to Hillcrest.
- DD2. Disk Open space area behind 3029 Larkspur Drive along house fence lines North toward Bluebonnet Court and East to Bluecurl Court.
  - Continue Disking at entrance on Bluecurl Ct. then South along water tank fence line heading East along Mead St. Splitting hills as required for 5 acre parcels.
- DD3. Disk Easement across from 3008 Bellflower Drive, behind houses to 3024 Larkspur Drive.
- DD4. Disk Open space South of Baywood Circle and North of Hillcrest Ave. Splitting hills as required for 5 acre parcels.
- DD5. Disk in back of houses along Ferngrove Way, then south behind Crestline Ct., Vista Hills Ct to Hidden Hills Court then around to Bellflower Drive. Splitting hills as required.
- DD6. Disk Open space area East of Bluebell Circle, North of Folsom Drive and South to Donner Ct.
- DD7. Disk open space area North of Meadow Lake Street including abutting property by Monterra Subdivision. Splitting hills as required by CCCFPD mandates. Avoid storm run-off area.

DE. 254 4542 Prewett Park, Open Space W of Hillcrest

- DE1. Prewett Family Water Park (Lone Tree Way and Deer Valley Rd) – park open space; mow only, minimum 60 foot wide breaks, cross break every 30 feet as required. Mow along all pathways, 30 feet on either side when possible. Skate park circumference must be done as required. 60 feet along walks when possible.
  - **No work is to be performed in the Owl Sanctuary.**
- DE2. EBMUD right of way (completed asphalt walkway area) from Walmart, go from the West entrance, continuing west to Deer Valley Rd., completing disking of both sides of pathways.
- DE3. Disk the following open space area: North of Whitetail drive, West of Covelight Way and South of Blue Rock Drive. Splitting hillside as required.

- DE4. Complete abatement in the following open space areas: South of Golden Bear Drive, West of Hillcrest Ave., and East of Fawn Hill Way

DF. 254 4544 Canada Hills

- DF1. In the Open space area of the following: North of Vista Grande Drive, West of Steeplechase, Palomino and Colt Courts; Disk along houses and pathways as required, splitting hillside.
- DF2. Disk the Open space area of the following:
- North of Laurel Rd.
  - East of Hillcrest Ave
  - South of Canada Hills Way
- DF3. Disk the Open space area of the following (Cross breaks and split hill as required):
- Southeast corner of Hillcrest at Hidden Glen Drive east to Braemar St.
  - South to homes along Spur Way and Chaps Ct.
  - West to Hillcrest and North to starting area
- DF4. Disk APN 053-040-086 Mendota Way Trail South of CCWD Corp Yard to 4629 Durness Court then East to CCWD Water Tanks.

DG. 256 4563 E 18<sup>th</sup> Street

- DG1. Complete abatement of Storm channel at East 18<sup>th</sup> St. and Trembath heading east toward end of Trembath from sidewalk to back of fences behind homes on Yellowstone Drive.

DH. 256 4564 Mountaire and Harbour Park Areas

- DH1. Complete abatement of PG&E power line right of way on Sunset Lane across from Mountaire Park. Continue to disk west to water tank.
- DH2. Disk parcel behind homes on Felicia Ct, South to Cement V-ditch.
- DH3. PG&E right of way, power lines on Elmo Rd. between Mountaire Drive and Greenridge Ct. Disk East towards Harbour Park at Ashurton Dr.
- DH4. PG&E right of way power lines on Elmo Rd. between Greenridge Ct. and Hillside Rd. Disk East to Garrow Drive; continue East until power lines ROW joins together.
- DH5. Disk Lynn Avenue North to power line towers South of Shaddick Drive.
- DH6. Corner of Harris Drive and Shaddick Drive: disk under power lines to East Tregallas Rd.
- DH7. West of Mountaire Park, north of Northridge and Danridge Cts. Hand work if needed.

DI. 256 4565 Contra Loma- James Donlon

- DI1. Storm drain right-of-way, Contra Loma across from Luckys shopping center entrance; east side of road; and Somerset apartments towards Longview Road, complete abatement.
- DI2. EBMUD right of way, south of Camby Road, from TreVista, west to Contra Loma Blvd, complete abatement of both sides of pathway.

DJ. 256 4566 Putnam Street

- DJ1. EBMUD right of way, starts at Contra Loma Blvd/Putnam Street, continues to Rio Grande Drive, parallel to Mira Vista Court, then to Mission Drive, west of Mission continues to Gentrytown Drive, continues to Buchanan Road, complete abatement.

DK. 256 4568 Antioch Community Park Open Space

- DK1. Open space area south side of James Donlon, from east side of Community Park, north of soccer fields and parking lot, disk entire parcel.

DL. 256 4569 Eagleridge Area

- DL1. Open Space area, east of Eagleridge Drive, south of Rocky Point Drive, west of rock Island Drive; along fence lines, split hills as required.
- DL2. EBMUD pathway from Deer Valley Rd., disk west to Ridgerock Drive, complete abatement including housing fence lines, both sides of pathway.

DM. 259 4591 Open Space

- DM1. Disk perimeters and hillside as required of the following open space area:
- East of Meadow Creek Park/Carmen Dragon Elementary
  - West of Canada Valley Rd.

**CITY OF ANTIOCH  
BID NO. 988-0225-21A**

**FIREBREAKS ALL ZONES PER CONTRACT YEAR**

		Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023	Year 4 2023-2024	Year 5 2024-2025	TOTAL ALL 5 YEARS
FA.	251 4511 Lone Tree Zone 1	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FB.	251 4512 Lone Tree Zone 2	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FC.	251 4513 Lone Tree Zone 3	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FD.	253 4531 Almondridge Zone 1	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FE.	254 4541 Hillcrest Zone 1	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FF.	254 4542 Hillcrest Zone 2	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FG.	254 4544 Hillcrest Zone 4	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FH.	255 4551 District 1-A	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FI.	256 4563 District 2A-3	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FJ.	256 4564 District 2A-4	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FK.	256 4565 District 2A-5	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FL.	256 4566 District 2A-6	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FM.	256 4568 District 2A-8	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FN.	256 4569 District 2A-9	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FO.	256 4572 District 2A-10	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FP.	259 4591 District 10	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FQ.	611 2320 Water Treatment Plant	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FR.	100 2196 Century/Delta Fair	_____ per year	_____ Per year	_____ per year	_____ per year	_____ per year	
FA-FR Total:		_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	

**CITY OF ANTIOCH  
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**DISKING ALL ZONES PER CONTRACT YEAR**

		Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023	Year 4 2023-2024	Year 5 2024-2025	TOTAL ALL 5 YEARS
DA.	611 2320 Water Tanks	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DB.	251 4512 Mokelumne/Mark Twain	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DC.	251 4513 Hansen Park/Nortonville	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DD.	254 4541 East side of Hillcrest	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DE.	254 4542 Prewett Park, Open Space W of Hillcrest	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DF.	254 4544 Canada Hills	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DG.	256 4563 E 18 <sup>th</sup> Street	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DH.	256 4564 Mountaire and Harbour Park Areas	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DI.	256 4565 Contra Loma - James Donlon	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DJ.	256 4566 Putnam Street	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DK.	256 4568 Antioch Community Park Open Space	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DL.	256 4569 Eagleridge Area	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
DM.	259 4591 Open Space	_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	
<b>DA-DM Total:</b>		_____ per year	_____ per year	_____ per year	_____ per year	_____ per year	

**CITY OF ANTIOCH  
 BID NO. 988-0225-21A**

**GRAND TOTALS**

**FIREBREAK & DISKING ZONES COMBINED PER CONTRACT YEAR**

Budget Line Item #	Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023	Year 4 2023-2024	Year 5 2024-2025	TOTAL ALL 5 YEARS
<b>1</b>	<b>Total Firebreak (FA-FR)</b>					
<b>2</b>	<b>Total Disking (DA-DM)</b>					
	Additional or Contingency Work	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$125,000.00
	GRAND TOTAL					

**EXTRA WORK HOURLY RATE PER CONTRACT YEAR (INCLUDING LABOR, EQUIPMENT & MATERIALS)**

Budget Line Item #	Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023	Year 4 2023-2024	Year 5 2024-2025
<b>3</b>	DISKING:	Per hour	Per hour	Per hour	Per hour
<b>4</b>	FLAIL MOWING:	Per hour	Per hour	Per hour	Per hour
<b>5</b>	HANDWORK:	Per hour	Per hour	Per hour	Per hour



CITY OF ANTIOCH  
Firebreaks and Disking Bid No. 988-0225-21A

The undersigned bidder declares that it has carefully examined the locations of the proposed work, plans and specifications, special provisions and read the accompanying instructions to bidders. The undersigned submitter certifies that he/she is, at the time of presenting this Proposal, and shall be, throughout the length of the contract, licensed by the state of California to do the type of work required under the terms of the contract documents. Submitter further certifies that he/she is skilled and regularly engaged in the general class of work called for in the contract documents.

In accordance with the requirements, the submitter represents that he/she is competent, knowledgeable and has special skills on the nature, extent and inherent conditions of the work to be performed. Submitter further acknowledges that there are certain peculiar and inherent conditions which may create, during maintenance operations, unusual or peculiar unsafe conditions hazardous to persons and property. Submitter acknowledges that he/she is aware of such risks and that he/she has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the maintenance services with respect to such hazards.

Does proposed bid conform to all requirements listed in this document and drawings? \_\_\_\_\_  
If NO, explain non-conforming specifications in detail on separate sheet.

Terms or Cash Discount (if other than net 30days)\_\_\_\_\_

Company Name\_\_\_\_\_

Contact Name\_\_\_\_\_

Title\_\_\_\_\_

Address\_\_\_\_\_

City/State/Zip\_\_\_\_\_

Telephone\_\_\_\_\_FAX\_\_\_\_\_

Email Address\_\_\_\_\_

Contractor's License No.\_\_\_\_\_Exp. Date\_\_\_\_\_

City of Antioch Business License No.\_\_\_\_\_Exp. Date\_\_\_\_\_

Signature\_\_\_\_\_Date\_\_\_\_\_

**Bid must be in a sealed envelope with the bid number, closing date, and time on the outside envelope.**

DELIVER BID SUBMITTAL TO:

CITY OF ANTIOCH  
PUBLIC WORKS  
**BID NO. 988-0225-21A**  
1201 W 4<sup>TH</sup> STREET  
ANTIOCH, CA 94509

**NON COLLUSION AFFIDAVIT**

***THIS PAGE MUST BE NOTARIZED***

**CITY OF ANTIOCH**

**Firebreaks and Disking Bid No. 988-0225-21A**

The Bidder, by its officers and agents or representatives present at the time of filing this bid, being duly sworn on their oaths say, that neither they nor any of them have in any way directly or indirectly entered into any arrangement or agreement with any other bidder, or with any public officer of the CITY OF ANTIOCH whereby such affiant or affiants or either of them has paid or is to pay to such bidder or public officer any sum of money, or has given or is to give to such other bidder or public officer anything of value whatever, or such affiant or affiants or either of them has not directly or indirectly entered into any arrangement or agreement with any other bidder or bidders, which tends to or does lessen or destroy free competition in the letting of the contract sought for on the attached bids; that no bid has been accepted from any subcontractor or supplier through any bid depository, the By-Laws, Rules or Regulations of which prohibit or prevent the Contractor from considering any bid from any subcontractor or supplier which is not processed through said bid depository, or which prevent any subcontractor or supplier from bidding to any Contractor who does not use the facilities or accept bids from or through such bid depository; that no inducement of any form or character other than that which appears upon the face of the bid will be suggested, offered, paid or delivered to any person of the contract, nor has this bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the contracts sought by this bid.

NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

Subscribed and sworn to before me by:

\_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

\_\_\_\_\_  
Notary Public

## Attachment B



### MINIMUM WEED ABATEMENT STANDARDS

**A. PARCELS FIVE ACRES OR LESS IN SIZE:**

Maintain **ALL** weeds at a height of **no more than 3 inches**. Weeds and grasses must be mowed, with material mulched and scattered or raked and bagged, and removed from the property, or disced (see "Discing Quality" below). All combustible rubbish or debris, including but not limited to: cardboard boxes, pallets, trash, wood rounds/chunks, rubble, etc., shall be removed from the property. **Parcels may require additional abatement during the season due to the regrowth of weeds and other flammable vegetation.**

**B. PARCELS GREATER THAN FIVE ACRES IN SIZE:**

Shall be provided with **30-foot fuelbreaks and 15-foot crossbreaks** (see "H" and "I" below). Crossbreaks should divide the parcel into approximately 5-acre sections. **Fencelines may require handmowing/weedeating to ensure completion of fuelbreak.** When terrain is too steep or rugged for a tractor, a handmowed fuelbreak may be required. All cut material should be mulched and scattered or raked, bagged and removed from parcel.

**C. Fuelbreaks along roadways** are required as part of the property line. Road right-of-ways shall be cleared to a minimum of **10 feet horizontally** from the edge of driving surface and **13'6" vertically**.

**D. Active pastureland** shall be provided with **15-foot wide fuelbreaks and crossbreaks** if a sufficient number of animals are present to steadily reduce height of grasses during the summer months to **3 inches** or less by the end of August, irrespective of parcel size. **If this requirement cannot be met, 30-foot fuelbreaks and crossbreaks shall be required.**

**E. Active cropland** shall be provided with **15-foot fuelbreaks** or crossbreaks if the crop is to be harvested by mid-June. If there is to be a later harvest, **30-foot fuelbreaks shall be required.**

**F. Orchards** are to be maintained by complete abatement, including grasses under tree branches (see G. Tree litter). This may require pruning of lower branches to allow equipment access.

**G. Tree litter** (eucalyptus leaves and bark, coniferous needles, leaves, fallen branches, etc.) shall be removed from the base of trees, tree stems, and limbs within 10 feet of the ground and maintained throughout the fire season.

**H. 30-foot fuelbreaks, where required, shall be provided** around all structures, combustible storage, trees, shrubs and brush, **along ridgelines**, fencelines, ditches, and along the sides of, but not in, creeks. Fuelbreaks and crossbreaks are a continuous strip of disced or dozed ground following as closely as possible to the property line, and **along one side of all fencelines**, ditches, and on top of all ridgelines. Remove from the property all debris, rubble, junk, piles of dirt, etc., which would obstruct or impede vehicles and/or equipment used for abatement work or fire suppression operations.

**I. Mowed fuelbreaks** shall be 60 feet wide and **mowed crossbreaks** 30 feet wide due to ability of the remaining surface material to support a fire growth.

### DISCING QUALITY:

All discing work, including fuelbreaks, shall be completed so that all weeds, grasses, crops and other vegetation or organic material, which could be expected to burn, shall be completely turned under to the point that there is not sufficient exposed fuel to maintain or allow the spread of fire.

**NOTE: Certain properties may require additional or more stringent abatement due to site-specific issues with terrain, regrowth, location, land use, or fire related history.**