

SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM: 3.5
(ID # 11832)

MEETING DATE:
Tuesday, February 11, 2020

FROM : AGRICULTURAL COMMISSIONER:

SUBJECT: AGRICULTURAL COMMISSIONER: Grant Agreement No. 8GA19411 with the Department of Forestry and Fire Protection (CAL FIRE) for the Invasive Shot Hole Borer Leading Edge and High Risk Tree Removal Project, effective upon approval through March 30, 2022, All Districts. [\$596,064 - 100% State].

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve Grant Agreement No. 8GA19411 with the Department of Forestry and Fire Protection (CAL FIRE) for the Invasive Shot Hole Borer Leading Edge and High Risk Tree Removal Project, effective upon approval through March 30, 2022, in the amount of \$596,064 and
2. Authorize the Chairman of the Board of Supervisors to sign the agreement on behalf of the County.

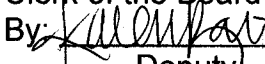
ACTION:


Ruben J. Arroyo, Agricultural Commissioner/Chairman 1/23/2020

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Jeffries, seconded by Supervisor Spiegel and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None
Date: February 11, 2020
xc: Ag. Comm.

Kecia R. Harper
Clerk of the Board
By: 
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA**

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 596,064	\$ 0	\$ 596,064	\$ 0
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ 0
SOURCE OF FUNDS: 100 % Department of Forestry and Fire Protection			Budget Adjustment:	No
			For Fiscal Year:	2019/2020

C.E.O. RECOMMENDATION: Approve

BACKGROUND:

Summary

Assembly Bill 2470 became effective January 1, 2019. This bill and subsequent appropriations made \$5 million available statewide for the Invasive Species Council of California to coordinate with state and local public agencies, publicly funded educational institutions, and stakeholder groups specifically to develop a plan for the cure or suppression of disease associated with the spread of ISHB. This grant funding provides support for county agricultural commissioners to detect infected trees, to prevent further infestation, and to support suppression or cure efforts.

In addition, the 2019/2020 state Budget Act appropriated \$5 million for CAL FIRE grants to pay for the removal of trees infested with ISHB and infected with the associated Fusarium disease, which pose a high fire hazard. A majority of this grant funding has been offered to eight county agricultural commissioners in Southern California, including the Riverside County Agricultural Commissioner (RCAC). CAL FIRE has offered \$596,064 to RCAC to serve abatement notifications and to contract with professional tree removal companies to remove and properly dispose of infected trees.

Contract History and Price Reasonableness

This is the first year of this grant, the grant will cover all related cost.

ATTACHMENTS

Attachment A: Grant Agreement No. 8GA19411 with the Department of Forestry and Fire Protection (CAL FIRE)

SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,
STATE OF CALIFORNIA



Gregory V. Priamos, Director County Counsel 2/3/2020

RESOLUTION

BE IT RESOLVED by the Board of Supervisors of the County of Riverside, State of California, in regular session assembled on Tuesday, February 11, 2020, that V. Manuel Perez, the Chairman is authorized and directed to execute on behalf of said County the Standard Agreement No. 8GA19411 between Riverside County and California Department of Forestry and Fire Protection (CAL FIRE) providing: for the Invasive Shot Hole Borer Leading Edge and High Risk Tree Removal Project.

Roll Call:

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt
Nays: None
Absent: None

The foregoing is certified to be a true copy of a resolution duly adopted by said Board of Supervisors on the date therein set forth.

KECIA R. HARPER, Clerk of said Board

By: 

Deputy

State of California
 Dept. of Forestry and Fire Protection (CAL FIRE)
 Resource Management
 GRANT AGREEMENT

WHEN DOCUMENT IS FULLY EXECUTED RETURN
CLERK'S COPY
 to Riverside County Clerk of the Board, Stop 1010
 Post Office Box 1147, Riverside, Ca 92502-1147
 Thank you.

APPLICANT: County of Riverside
PROJECT TITLE: Invasive Shot Hole Borer Leading Edge and High Risk Tree Removal Project (County of Riverside)
GRANT AGREEMENT: 8GA19411

PROJECT PERFORMANCE PERIOD IS from Upon Approval through March 30, 2022.
 Under the terms and conditions of this Grant Agreement, the applicant agrees to complete the project as described in the project description, and the State of California, acting through the Dept. of Forestry & Fire Protection, agrees to fund the project up the total state grant amount indicated.

PROJECT DESCRIPTION: To remove high hazard trees that are on the leading edge of areas affected by the Invasive Shot Hole Borer in Riverside County.

Total State Grant not to exceed \$ 596,064.00 (or project costs, whichever is less)

**The Special and General Provisions attached are made a part of and incorporated into this Grant Agreement.*

County of Riverside

STATE OF CALIFORNIA
 DEPARTMENT OF FORESTRY
 AND FIRE PROTECTION

Applicant	
By <u><i>V. Manuel Perez</i></u> Signature of Authorized Representative	By _____
Title <u>Chairman</u> V. MANUEL PEREZ	Title: Helge Eng Deputy Director, Resource Management
Date <u>2/11/2020</u>	Date _____

CERTIFICATION OF FUNDING

AMOUNT OF ESTIMATE FUNDING \$ 596,064.00	GRANT AGREEMENT NUMBER 8GA19411	PO ID
ADJ. INCREASING ENCUMBRANCE \$ 596,064.00	SUPPLIER ID 08354	
ADJ. DECREASING ENCUMBRANCE \$	PROJECT ID N/A	ACTIVITY ID N/A
UNENCUMBERED BALANCE \$ 596,064.00	GL UNIT 3540	BUD REF 001
		FUND 0001
		ENY 2019
REPORTING STRUCTURE 35409503	SERVICE LOC 96103	ACCOUNT 5432000
		ALT ACC 0000000000

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance.

SIGNATURE OF CAL FIRE ACCOUNTING OFFICER

DATE

FORM APPROVED COUNTY COUNSEL
 BY: *Danielle D. Maland* 1/29/20 DATE
 DANIELLE D. MALAND
 ATTEST:
 KECIA R. HARPER, Clerk
 BY: *Kecia R. Harper*

FEB 11 2020 3.5

TERMS AND CONDITIONS OF GRANT AGREEMENT

I. RECITALS

1. This Agreement, is entered into between the State of California, by and through the California Department of Forestry and Fire Protection (CAL FIRE), hereinafter referred to as "STATE" and County of Riverside, hereinafter referred to as "GRANTEE".
2. The STATE hereby grants to GRANTEE a sum (hereinafter referred to as "GRANT FUNDS") not to exceed five hundred ninety-six thousand, sixty-four dollars (\$596,064.00).
3. In addition to the terms and conditions of this Agreement, the STATE and GRANTEE agree that the terms and conditions contained in the documents set forth below are hereby incorporated and made part of this agreement.
 - a. California Department of Forestry and Fire Protection (CAL FIRE) 2019/2020 Invasive Shot Hole Borer Block Grant Guidelines.
 - b. The submitted Application, Scope of Work, Budget Detail, Maps.

II. SPECIAL PROVISIONS

1. Recipients of GRANT FUNDS pursuant to California Public Resources Code Section 4799.06-4799.12 shall abide by the provisions in this Agreement. This includes the requirement that work shall not commence prior to the execution of this Agreement by both parties. Any work started prior to the execution of this Agreement will not be eligible for funding under the terms of this Agreement.
2. As precedent to the State's obligation to provide funding, GRANTEE shall provide to the STATE for review and approval a detailed budget, specifications, and project description. Approval by the STATE of such plans and specifications, or any other approvals provided for in this Agreement, shall be for scope and quality of work, and shall not relieve GRANTEE of the obligation to carry out any other obligations required by this Agreement, in accordance with applicable law or any other standards ordinarily applied to such work or activity.
3. All informational products (e.g., data, studies, findings, management plans, manuals, photos, etc.) relating to California's natural environment produced with the use of GRANT FUNDS shall be available for public use.

III. GENERAL PROVISIONS

1. Definitions

- a. The term "Agreement" means grant agreement number 8GA19411.
- b. The term "GRANT FUNDS" means the money provided by the STATE to the GRANTEE in this Agreement.
- c. The term "GRANTEE" means an applicant who has a signed Agreement for the award for GRANT FUNDS.
- d. The term "Other Sources of Funds" means all matching fund sources that are required or used to complete the Project beyond the GRANT FUNDS provided by this Agreement.
- e. The term "STATE" means the State of California, Department of Forestry and Fire Protection (CAL FIRE).
- f. The term "Project" means the development or other activity described in the "Project Scope of Work".
- g. The term "Project Budget Detail" as used herein defines the approved budget plan.
- h. The term "Project Scope of Work" as used herein means the individual scope of work describing in detail the approved tasks.

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2. Project Representatives

The project representatives during the term of the agreement will be:

STATE: CAL FIRE	GRANTEE: County of Riverside
Section/Unit: HQ Resource Management	Section/Unit: Riverside County Agricultural Commissioner's Office
Attention: Tom Smith	Attention: Ruben J. Arroyo
Mailing Address: P.O. Box 944246 Sacramento, CA 94244-2460	Mailing Address: 3403 10 th Street, Suite 701 Riverside, CA 92501
Phone Number: (916) 599-6882	Phone Number: (951) 955-3045
Email Address: Tom.Smith@fire.ca.gov	Email Address: Ruarroyo@rivco.org

Changes to the project representatives during the term of the agreement shall be made in writing. Notice shall be sent to the above representative for all notice provisions of this Agreement.

3. Project Execution

- a. Subject to the availability of grant monies, the STATE hereby grants to the GRANTEE a sum of money (GRANT FUNDS) not to exceed the amount stated on Section I. RECITALS, Paragraph 2 in consideration of and on condition that the sum be expended in carrying out the purposes as set forth in the description of the Project in this Agreement and its attachments and under the terms and conditions set forth in this Agreement.
- b. GRANTEE shall assume any obligation to furnish any additional funds that may be necessary to complete the Project. Any amendment to the Project as set forth in the Application on file with the STATE must be submitted to the STATE for approval in writing. No amendment is allowed until written approval is given by the STATE.
- c. GRANTEE shall complete the Project in accordance with the time of Project performance set forth in this Agreement, unless an amendment has been approved and signed by the STATE under the terms and

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conditions of this Agreement. Amendments must be requested in advance and will be considered in the event of circumstances beyond the control of the GRANTEE, but in no event less than 90 days from the Agreement expiration date and in no event less than 60 days before the effective date of the amendment. Approval of amendment is at the STATE's discretion.

- d. GRANTEE certifies that the Project Scope of Work complies with all local, State, and federal laws and regulations.
- e. GRANTEE shall comply with the California Environmental Quality Act (CEQA) (Public Resources Code, Section 21000, et. seq. Title 14, California Code of Regulations, Section 15000 et. seq.) and all other local, State, and federal environmental laws. A copy of the certified CEQA document must be provided to STATE before any GRANT FUNDS are made available for any Project activity that could directly impact the environment (e.g. cutting, piling or burning bush, masticating, dozer work, etc.). CEQA compliance shall be completed within one (1) year from start date of the Agreement. The start date is considered the date the last party signs the Agreement. GRANT FUNDS will be made available in advance of CEQA compliance for project activities that do not have the potential to cause a direct environmental impact (e.g. project planning, locating and marking property or project boundaries, contacting and signing up landowners, etc.).
- f. GRANTEE shall permit periodic site visits by representative(s) of the STATE to ensure program compliance and that work is in accordance with the approved Project Scope of Work, including a final inspection upon Project completion.
- g. GRANTEE, and the agents and employees of GRANTEE, in the performance of this Agreement, shall act in an independent capacity and not as officers, employees, or agents, of the STATE.

4. Project Costs and Payment Documentation

- a. Payment by the STATE shall be made after receipt of an acceptable invoice and approval by a duly authorized representative of the STATE. GRANTEE shall submit an invoice for payment to the CAL FIRE Project Representative of the STATE. A final invoice shall be submitted no later than 30 days after completion, expiration, or termination of this Agreement.

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- b. For services satisfactorily rendered, and upon receipt and approval of invoices for payment, the STATE agrees to compensate GRANTEE for actual expenditures incurred in accordance with the rates specified herein, which is attached hereto, as Final Project Budget, and made a part of this Agreement.
- c. Equipment purchased using GRANT FUNDS, wholly or in part, must be used by the GRANTEE for the project which it was acquired. STATE retains a vested interest in the equipment for the useful life of the equipment, even after completion of the grant. GRANTEE shall provide written disposition of the equipment upon completion of the grant and upon any changes to the disposition of the equipment. Such disposition must be approved in advance by STATE. Equipment purchased using GRANT FUNDS cannot be used as collateral, financed, or sold without prior written approval from the STATE.
- d. GRANTEE shall submit, in arrears, not more frequently than once a month, and no less than quarterly, an invoice to the STATE for costs paid by GRANTEE pursuant to this Agreement. Each invoice shall contain the following information: the Agreement number, the dates or time period during which the invoiced costs were incurred, expenditures for the current invoice and cumulative expenditures to date by major budget category (e.g., salaries, benefits, supplies, etc.), appropriate supporting documentation, project progress reports, and the signature of an authorized representative of GRANTEE as detailed in the Invoice Guidelines of the Department of Forestry and Fire Protection 2019/2020 Invasive Shot Hole Borer Block Grant Guidelines.
- e. GRANT FUNDS in this Agreement have a limited period in which they must be expended. All GRANTEE expenditures must occur prior to the end of the Project performance period of this Agreement.
- f. Except as otherwise provided herein, GRANTEE shall expend GRANT FUNDS in the manner described in the Project Budget Detail approved by the STATE. The dollar amount of an item in the Project Budget Detail may be increased or decreased by up to ten percent (10%) of the budget item through reallocation of funds from another item or items, without approval by the STATE; however, GRANTEE shall notify the STATE in writing in project progress reports when any such reallocation is made, and shall identify both the item(s) being increased and those being decreased. Any increase or decrease of an item of more than ten percent (10%) of the budget item must be approved in writing by the STATE before any such increase or decrease is made. A formal approved amendment is required to increase the total amount of GRANT FUNDS.

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- g. GRANTEE shall promptly submit any and all records at the time and in the form as the STATE may request.
- h. GRANTEE shall submit each invoice for payment to the CAL FIRE Representative identified in Item 2. The invoice may be submitted as hard copy or electronically.

5. Budget Contingency Clause

- a. If STATE funding for any fiscal year is reduced or deleted for purposes of the 2019/2020 Invasive Shot Hole Borer Block Grant Program, the STATE shall have the option to either cancel this Agreement with no liability occurring to the STATE, or if possible and desirable, offer an Agreement amendment to GRANTEE to reflect the reduced amount available for the Project.

6. Project Administration

- a. GRANTEE shall provide the STATE a written report showing total final Project expenditures and matching funds upon Project completion or grant expiration, whichever occurs first. GRANTEE must report to the STATE all sources of other funds for the Project. If this provision is deemed to be violated, the STATE will request an audit of GRANTEE and can delay the disbursement of funds until the matter is resolved.
- b. GRANTEE shall promptly submit written Project reports as the STATE may request throughout the term of this Agreement.
- c. GRANTEE shall submit a final accomplishment report, final invoice with associated supporting documentation, and copies of materials developed using GRANT FUNDS, including but not limited to plans, educational materials, etc. within 30 days of Project completion.

7. Financial Records

- a. GRANTEE shall retain all records described in Section 7(c) below for three (3) years after final payment by the STATE. In the case an audit occurs, all such records shall be retained for one (1) year from the date is audit is completed or the three (3) years, whichever date is later.
- b. GRANTEE shall maintain satisfactory financial accounts, documents, and records for the Project and make them available to the STATE for review during reasonable times. This includes the right to inspect and make copies of any books, records, or reports of GRANTEE pertaining to this Agreement or matters related thereto.

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- c. GRANTEE shall keep such records as the STATE shall prescribe, including, but not limited to, records which fully disclose (a) the disposition of the proceeds of state funding assistance, (b) the total cost of the Project in connection with such assistance that is given or used, (c) the amount and nature of that portion of the Project cost supplied by other sources, and (d) any other such records as will facilitate an effective audit. All records shall be made available to the STATE, other State of California agency, or other entity as determined by the State of California for auditing purposes at reasonable times.
- d. GRANTEE shall use any generally accepted accounting system.

8. Project Termination

- a. This Agreement may be terminated by the STATE or GRANTEE upon 30-days written notice to the other party.
- b. If either party terminates the Agreement prior to the completion of the Project, GRANTEE shall take all reasonable measures to prevent further costs to the STATE under the Agreement and the STATE shall be responsible for any reasonable and non-cancelable obligations incurred by GRANTEE in the performance of this Agreement prior to the date of the notice to terminate, but only up to the undisbursed balance of funding authorized in this Agreement.
- c. Failure by GRANTEE to comply with the terms of this Agreement may be cause for suspension of all obligations of the STATE hereunder at the discretion of the STATE.
- d. Failure of GRANTEE to comply with the terms of this Agreement shall not be cause for the suspension of all obligations of the STATE hereunder if in the judgment of the STATE such failure was due to no fault of GRANTEE. At the discretion of the STATE, any amount required to settle at minimum cost any irrevocable obligations properly incurred shall be eligible for reimbursement under this Agreement.
- e. Final payment to GRANTEE may not be made until the STATE determines the Project conforms substantially to this Agreement.

9. Hold Harmless

- a. GRANTEE shall defend, indemnify and hold the STATE, its officers, employees, and agents harmless from and against any and all liability, loss, expense (including reasonable attorney's fees), or claims for injury or damages arising out of the performance of this Agreement but only in

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proportion to and to the extent such liability, loss, expense, attorney's fees, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of GRANTEE, its officers, agents, or employees. The duty of GRANTEE to indemnify and hold harmless includes the duty to defend as set forth in Civil Code Section 2778. This Agreement supersedes GRANTEE's right as a public entity to indemnify (see Government Code Section 895.2) and contribution (see Government Code Section 895.6) as set forth in Government Code Section 895.4.

- b. GRANTEE waives any and all rights to any type of express or implied indemnity or right of contribution from the STATE, its officers, agents, or employees for any liability resulting from, growing out of, or in any way connected with or incident to this Agreement.
- c. Nothing in this Agreement is intended to create in the public or in any member of it rights as a third-party beneficiary under this Agreement.

10. Tort Claims

FEDERAL:

The United States shall be liable, to the extent allowed by the Federal Tort Claims Act 28 United States Code 2671-2680, for claims of personal injuries or property damage resulting from the negligent or wrongful act or omission of any employee of the United States while acting within the scope of his or her employment, arising out of this Agreement.

STATE:

The State of California shall be liable, to the extent allowed by law and subject to California Government Code, Title 1, Division 3.6, providing for the filing of tort claims against the State of California, for personal injuries or property damage resulting from the negligent or wrongful act or omission of State of California employees while acting within the scope of his or her employment, arising out of this Agreement.

11. Nondiscrimination

The State of California prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, sex, marital status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. GRANTEE shall not discriminate against any person on any of these bases.

12. Incorporation

The grant guidelines and the Project Scope of Work, Project Budget Detail and any subsequent amendments or modifications to the Project Scope of Work and Project Budget Detail approved in writing by the STATE are hereby incorporated by reference into this Agreement as though set forth in full in this Agreement.

13. Severability

If any provision of this Agreement or the Project Scope of Work thereof is held invalid, that invalidity shall not affect other provisions or applications of this Agreement which can be given effect without the invalid provision or application, and to this end the provisions of this Agreement are severable.

14. Waiver

No term or provision hereof will be considered waived by either party, and no breach excused by either party, unless such waiver or consent is in writing and signed on behalf of the party against whom the waiver is asserted. No consent by either party to, or waiver of, a breach by either party, whether expressed or implied, will constitute consent to, waiver of, or excuse of any other, different, or subsequent breach by either party.

15. Assignment

This Agreement is not assignable by GRANTEE either in whole or in part.



CAL FIRE Invasive Shot Hole Borer Grants

Fill out this form completely. Be sure to save a copy of this form for your records. Submit a signed hard copy and an electronic copy (via email) of your application and all supporting materials to Tom Smith. Keep a copy for your records.

Name of Organization | RIVERSIDE COUNTY AGRICULTURAL COMMISSIONER'S OFFICE

Project Title | Invasive Shot Hole Borer Leading Edge and High Risk Tree Removal Project

Requested Grant \$ | \$596,064.00 **Matching \$** | **Total Project \$** | \$596,064.00

1. Applicant information - Eligible applicants include cities, counties, qualifying districts, or nonprofit organizations qualified under section 501(c)(3) of the Internal Revenue Code.

Primary Project Contact | Ruben J Arroyo

First Name | Ruben **Last Name** | Arroyo

Email | Ruarroyo@rivco.org **Phone Number** | (951) 955-3045

Address 1 | 3403 10th Street, Suite 701

Address 2 |

City | Riverside **County** | Riverside

State | California **Zip Code** | 92501

Notes: |

Secondary Project Contact | Erik Downs

First Name | Erik **Last Name** | Downs

Email | Edowns@rivco.org **Phone Number** | (951) 955-3004

Address 1 | 3403 10th Street, Suite 701

Address 2 |

City | Riverside **County** | Riverside

State | California **Zip Code** | 92501

Notes: |

Riverside County locations that are on the leading edge of the ISHB-Fusarium infested area will be targeted for trapping, visual sampling, and tree removal. Priority trees to be removed in the leading edge area will be amplifier trees and the highly infested host trees. Tree removal in other areas of Riverside County include amplifier trees and other infested host trees in high risk areas.

3. Partner information - List project partners

Name of Organization 1 _____

First Name _____ Last Name _____

Partner Contact Title _____

Email _____ Phone Number _____

Comments _____

Name of Organization 2 _____

First Name _____ Last Name _____

Partner Contact Title _____

Email _____ Phone Number _____

Comments _____

List Any Additional Partner Organizations _____

4. Narrative - Describe the project by answering the questions below. Please be thorough, but concise with your answers. You should refer to the grant guidelines document and the CA Urban Forestry Act (Public Resources Code Sections 4799.06 - 4799.12) for guidance on parts 4A - 4E.

A. Background and Rationale - What is the situation, condition, or problem to be addressed by the project?

Riverside County is currently on the leading edge of the Invasive Shot Hole Borer (ISHB) infestation in California. The Polyphagous Shot Hole Borer (PSHB) is an invasive wood-boring beetle that attacks dozens of tree species in Southern California, including commercial avocado groves, common landscape trees, and native species in urban and wildlife environments. PSHB spreads a disease called Fusarium Dieback (FD), which is caused by the pathogenic fungi. Trees that are FD-susceptible may experience branch dieback, canopy loss, and, in some cases, tree mortality. The infestation threatens to expand North towards the bay area and east towards the San Bernardino mountains through transportation of infested wood/host material. Northern California natural and urban/interface areas and particularly riparian areas (amplifier host box Elder *Acer negundo*) will be severely impacted if infestations with Invasive Shot Hole Borers. Locally, the infestation is expanding eastward towards the Santa Ana, San Bernardino and San Jacinto mountain ranges impacting residents by increasing fire potential and falling limbs. Natural areas including the San Bernardino National Forest are at high risk for Invasive Shot Hole Borer to increase fire danger and later plant communities.

The main objective of the project is to prevent the Invasive Shot Hole Borer from spreading any further in Riverside County and from Riverside County to non-infested California counties to the north, east and south. The Invasive Shot hole Borer injures and kills host trees which become fire hazards in natural areas and hazardous for limb breakage of homeowner, park, school and street trees in populated urban areas. Riverside County Agricultural Commissioners Office (RCAC) will be doing trapping, visual surveys (followed by sending wood samples to the California Department of Food and Agriculture laboratories for analysis) of Invasive Shot Hole Borer to get a higher resolution of the leading edge of the infestation, which is critical for determining how to prioritize tree removals. The project objective is to remove high hazard trees (amplifier and heavily infested) that are on the leading edge of the infestation within Riverside County. The RCAC will remove amplifier trees and other highly infested trees in high risk areas (parks, campgrounds, disposal areas, greenwaste/composting facilities, nurseries, and wood lots) that could facilitate movement of Invasive Shot Hole Borer to currently non-infested areas.

C. Scope of Work - Describe the approach to be used, the design (methods), and implementation of the project. Include who will be involved with specific tasks and justify why the approach, methods and implementation is the most effective way to accomplish the objectives. Include a description of project sign contents and their locations. *(continued on next page)*

Trees that are identified with ISHB, and/or infected with associated Fusarium disease will be removed through an abatement notification process. The RCAC will issue a notice of abatement to the property owner requiring removal of infested/infected trees. The RCAC upon confirmation and approval from the property owner will contract with professional arborists (contractor) to conduct the tree removal and pest mitigation process. Funds provided through this grant will pay for the tree removal and pest mitigation costs. If the property owner is not willing to voluntarily allow removal of the infested/infected tree, a notice of abatement will be filed with the Superior Court requiring the removal.

Trees selected will be prioritized so that their removal helps to contain/limit the spread of FD-ISHB. Tree removal on the leading edge will be prioritized based upon the most current locations/finds of ISHB, the species of tree (including Box Elder Amplifier host) and the level of infestation within that tree. Trees in high risk areas including urban forests, irrigated urban parks, riparian areas, wood lots, wood disposal/composting areas will also be included.

Prioritization of Leading Edge

Trapping, visual surveying, and sampling of tree wood for ISHB-FD (sent to CDFA pathology lab) will be done by RCAC. Other visual surveys will be done by trained (UC extension and field course) volunteers who will report potential finds to RCAC who will then sample for verification with CDFA. Trees selected for removal within the leading edge of the infestation or in a high risk area will be listed in order of priority.

The chosen contractor(s) will be given a tree removal priority list (monthly updated) to work from. The contractor will be responsible for getting a tree removal permit and any other CEQA or other clearance from the appropriate governmental agency before removing the tree. RCAC is working with the Riverside County Planning Department in order to expedite tree removal permits for ISHB/Fusarium positive samples.

The contractor will follow guidelines established by UC Agriculture and Natural Resources, and Cooperative Extension for mitigation of pest risk.

RCAC will begin performing trapping, visual surveys, wood sampling of suspected trees for verification of ISHB/Fusarium by March 20. This will increase the resolution of the leading edge of the infestation and determine locations of specific ISHB positive trees. Positive finds will also allow for a new trapping areas to be determined and reclassification of leading edge parameters.

Upon approval and award of the CalFIRE grant, the RCAC will work with Riverside County Purchasing Department to select per-approved county vendors/contractors to perform tree removal services. Once vendors are selected and tree removal lists are formalized, the tree removal process will commence until all grant funds are expended or until the completion of the grant period on June 30, 2022.

5. Budget Information

A. Budget Detail - Provide a specific budget for work to be done. The budget should be based on bid quotes and/or estimates from vendors or on actual costs that will be incurred by the grantee. The line items listed should be specific enough to adequately describe project expenses. **Use the Excel format provided for your budget.** You should note that applicants, if successful in being awarded a grant, will have to follow this budget and will only have the opportunity for minor budget adjustments.

B. Vendor/Subcontractor List - List the vendors that have provided you quotes or estimates for this project.

Riverside County has existing tree service vendors with the companies listed which can be utilized for tree removal services under the CalFIRE ISHB Grant. The RCAC intends to seek a contract(s) with one or more vendors, including, but not limited to these that have been per-approved by Riverside County Purchasing Department.

C61/D49	Cal Dreamscape Landscape	1000039620
C61/D49	J. Orozco Enterprises, Inc. dba Orozco Landscape	1000017052
C61/D49	Tree Pros	1000008908
C61/D49	Urban Habit Environmental Landscapes	1000003890
C61/D49	West Coast Arborists	1000000956

expected to adhere to this budget (Continued on next page).

The RCAC will comply with all guidelines provided by CalFIRE Guidelines document provided with this grant application package, attached.

The RCAC will utilize a variety of employee classifications to accomplish the various program requirements, primarily including tree removal abatement notifications, assuring proper treatment and disposal of infected materials, post survey trapping and monitoring, prioritized trapping and surveys, data entry, reporting and attending meetings as needed to conduct the business of the program. The employee classifications will include Deputy Agricultural Commissioner, Supervising Agricultural and Standards Investigator, Agricultural and Standards Investigator and Seasonal TAP Employees.

Total personnel costs including salaries and benefits will be	\$129,810.00
Contract for tree removals with professional arborist will be	\$400,000.00
Total Supplies, services, leased vehicles and mileage will be	\$33,801.50
Indirect Costs will be	\$32,452.50
Total Proposed Grant Request is	\$596,064.00

The Riverside County Agricultural Commissioner will collect and enter data into a statewide database regarding all infested trees detected through trapping and visual surveys. All trees identified for removal will be recored daily and once removed will be report on a monthly basis to CALFIRE, Sacramento. Invoices will be prepared on a monthly basis and submitted to CALFIRE for reimburseme no later than 30 days after the end of each month the expenses are incurred.

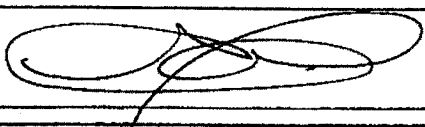
All trapping and tree removal information will be recorded daily on the ISHB Data Collection for Tree Removal form provided by CALFIRE. Data collected will be reported at least monthly to a centralized database monitored by UC Cooperative Extension.

7. Certifications & Forms- The following certifications must be filled out and signed by the appropriate person

A. Checklist of Necessary Forms To Be Completed.

- | | |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> CAL FIRE Urban Forestry Program Environmental Checklist | <input checked="" type="checkbox"/> State of California Non-Discrimination Compliance (Std. 19) |
| <input checked="" type="checkbox"/> State of California Payee Data Record (Std. 204) | <input checked="" type="checkbox"/> State of California Drug-Free Workplace Certification (Std. 21) |
| <input type="checkbox"/> Governing Body Resolution (must follow sample format) | <input type="checkbox"/> 5-10 representative site photos - if applicable |
| <input type="checkbox"/> Representative project area map (if applicable) | <input checked="" type="checkbox"/> Project Budget |

B. Certification Signature: The authorized primary project contact for the applying organization must sign below. This must be the person, or person holding the position, that is mentioned in the required governing bc resolution, and the same person or position signing all of the other required forms. The signature indicates that the best of the signer's knowledge, all of the information provided in this application and all attached required forms and documents is accurate and correct. The signer additionally acknowledges that they have read and understand the grant guidelines related to this grant program and that they will comply with all local, state, and federal laws.

Signature (pen) 

Printed Name Ruben J. Arroyo

Title Agricultural Commissioner, County of Riverside

Date 12/19/19



**A cooperative effort of two programs:
the Forest Pest Management Program and the Urban & Community Forestry Program**

Invasive Shot Hole Borer Work Plan
 Regulatory Work Plan
 January 1st 2020-June 30th 2022

County: Riverside
 Date: 12/19/19

Tree Abatement and Monitoring program	# of Trees Requiring Abatement	Estimated Visits/Year	Estimated Hours per Visit	Total Estimated Hours
Tree removal	204	2	1.5	612
Treatment and Disposal of infested Material	204	1	1.5	306
Trapping for Post Removal Surveys and Monitoring	204	2	1	408
Prioritized Trapping and Surveys	21	2	1	42
Other Activities				
Training				72
Administrative Support				72
Meetings				178
*TOTAL HOURS				1690

Personnel				
**Personnel Costs:				\$129,810.00
Overhead (Indirect Costs) — Enter county overhead percentage, do not to exceed 25%			25%	\$32,452.50
Total Personnel Costs (Personnel Costs + Overhead)				\$162,262.50

Miscellaneous				
Supplies/Equipment				\$4,000.00
Payments to Tree Removal Contractors				\$400,000.00
Vehicle lease				\$25,521.50
Vehicle Mileage				\$4,280.00
Total Miscellaneous Costs	Enter Estimated Miles: 8000	Rate Per Mile: \$0.535		\$433,801.50

TOTAL COST: \$596,064.00

County	Hours	\$90/Hour	15% S&S/Mileage	Tree Removals	\$2,000/Tree	Total	12% Indirect Costs	Grand Total
Los Angeles	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
Riverside	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
San Bernardino	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
Santa Barbara	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
Ventura	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
Orange	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
San Diego	1200	\$ 108,000.00	\$ 16,200.00	204	\$ 408,000.00	\$ 532,200.00	\$ 63,864.00	\$ 596,064.00
Kern	600	\$ 54,000.00	\$ 8,100.00	42	\$ 84,000.00	\$ 146,100.00	\$ 17,532.00	\$ 163,632.00
San Luis Obispo	600	\$ 54,000.00	\$ 8,100.00	42	\$ 84,000.00	\$ 146,100.00	\$ 17,532.00	\$ 163,632.00
Totals	9600	\$ 864,000.00	\$ 129,600.00	1,512	\$ 3,024,000.00	\$ 4,017,600.00	\$ 482,112.00	\$ 4,499,712.00