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**REQUEST FOR PROPOSAL  
Notice to Prospective Proposers**

July 24, 2020

**RFP NO.: 3020-300**

**TITLE: AB 2551 Spatial Analysis and Priority Planning**

The California State Department of Conservation (Department) requires spatial analysis and priority planning services. You are invited to review and respond to this Request for Proposal (RFP), entitled 3020-300 AB 2551 Spatial Analysis and Priority Planning. In submitting your proposal, you must comply with these instructions listed herein. The Department must receive proposals by **September 25, 2020, 5:00 PM PST**.

Note that all agreements entered into with the State of California will include by reference [General Terms and Conditions \(04/2017\)](#) and [Contractor Certification Clauses \(04/2017\)](#). If you do not have Internet access, a hard copy can be provided by contacting the person listed below.

In the opinion of the Department, this RFP is complete and without need of explanation. However, the Department may release, in a timely manner, an addendum to this RFP. Potential proposers may submit questions regarding intent, expectations, or other topics pertaining to the actual proposal by contacting Benjamin Brown via email at: [ServiceContracts@conservation.ca.gov](mailto:ServiceContracts@conservation.ca.gov). Questions must be received by **September 7, 2020, 5:00 PM PST**. All questions received by the Department will be answered and posted to [Cal eProcure](#) by **September 18, 2020, 5:00 PM PST**.

Please note that no *verbal* information given will be binding upon the State unless such information is issued in writing as an official addendum.

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Department Contracts Analyst  
[ServiceContracts@conservation.ca.gov](mailto:ServiceContracts@conservation.ca.gov)

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## **I. Description of Services**

### **A. Overview**

The Department of Conservation (Department) requires the services as described in Section V: Scope of Work. The Department intends to award one (1) service contract for this RFP.

Under the Headwaters Revitalization Initiative (Initiative) financed through the Regional Forest and Fire Capacity Program (RFFC Program) and answering the authority described in PRC 71365 (a)(1) and (2), this Request for Proposal seeks the deliverables outlined in the Scope of Work (Section V). This work is intended to significantly improve the availability of data and integrated analysis for use by local, tribal, state and federal partners to determine natural resource conditions, risk, and priority locations across large landscapes to inform investment planning.

### **B. Period of Performance/Available Funding**

The schedule of performance of the Agreement shall be from November 16, 2020, or upon Department of General Services (DGS) approval, whichever is later, through January 31, 2023. The Contractor agrees to start work no later than thirty (30) days after the DGS approval, or a mutually agreed upon time. The Department will award a maximum of **\$950,000** for the Agreement.

Upon mutual consent, the Department and the Contractor may execute amendments to the executed Agreement for time due to schedule conflicts. A variation of the terms (i.e. change in project representative) requires mutual consent from the Department and Contractor and may be done through email. No verbal understanding, or agreement not incorporated into the executed Agreement is binding on either party.

### **C. Work to be Performed**

Work to be performed is described in detail in Section V: Scope of Work. Please review Section V carefully before submitting a proposal.

## **II. Budget Detail and Payment Provisions**

### **A. Invoicing and Payment**

Payment for services performed under the Agreement will be made upon receipt of an acceptable invoice. The Contractor shall invoice the Department upon successful

completion of services rendered. Invoices may be submitted electronically not more frequently than quarterly to:

Department of Conservation  
801 K Street, MS 14-15  
Sacramento, CA 95814  
Attention: TBD

An acceptable invoice must include:

- Date(s) of work performance
- Contractor's name and address
- Department's name and address
- Department Agreement number
- Appropriate itemization, that matches the Budget Detail

Progress payments will be made for services performed under the Agreement, not less than ten-percent (10% of the contract amount shall be withheld pending final completion of the Agreement, and receipt and acceptance by the Department required under the Agreement.

The Department will verify and approve or disapprove the invoice item(s). If the Department does not approve the invoices item(s), the Department will dispute the invoice, per Prompt Payment Act, and provide opportunity to the Contractor to resolve the dispute.

## **B. Budget Contingency Clause**

It is mutually agreed that if the State Budget Act of the current year and/or any subsequent years covered under the Agreement does not appropriate sufficient funds for the program, the Agreement shall be of no further force and effect. In this event, the State shall have no liability to pay any funds whatsoever to the Contractor or to furnish any other considerations under the Agreement and the Contractor shall not be obligated to perform any provisions of the Agreement.

If funding for any fiscal year is reduced or deleted by the Budget Act for purposes of this program, the State shall have the option to either cancel the Agreement with no liability occurring to the State or offer an Agreement amendment to the Contractor to reflect the reduced amount.

### C. Prompt Payment Clause

Payment will be made in accordance with and within the time specified in the California Government Code Chapter 4.5, commencing with Section 927.

### III. Proposer Minimum Qualifications

In order for proposals to be considered responsive, Proposers must provide proof of meeting or exceeding the minimum qualifications as described in Section V: Scope of Work.

### IV. Proposal Requirements and Information

#### A. Key Action Dates and Times

The following schedule has been established for informational purposes. Efforts will be made to adhere to this plan, but the Department reserves the right to adjust the dates as required by circumstances. All deadline times are Pacific Time Zone.

<u>Event</u>	<u>Date</u>
RFP available to prospective Proposers	July 24, 2020, 5:00 PM PST
Written Questions Submission Deadline	September 7, 2020, 5:00 PM PST
Responses to Questions	September 18, 2020, 5:00 PM PST
Final Date for Proposal Submission	September 25, 2020, 5:00 PM PST
Reviewing and Evaluating Proposals	October 9, 2020, 5:00 PM PST
Notice of Intent to Award**	October 16, 2020, 5:00 PM PST
Proposed Award Date**	November 1, 2020, 5:00 PM PST

\*\*All dates after Submission of Final Proposals are approximate and may be adjusted as conditions indicate, without addendum to this RFP.

#### B. Questions and Answers

Proposers requiring clarification of the intent or content of this RFP or on procedural matters regarding the competitive proposal process may request clarification by submitting questions in an email to the Department's contact person listed on page one. To ensure a response, questions must be received in writing by the scheduled date

specified in the above *Key Action Dates and Times* section. At the sole discretion of the Department, questions may be paraphrased by the Department for clarity.

Written responses to all questions will be collectively compiled and posted through an official addendum, according to the *Key Action Dates and Times* section, to the [Cal eProcure](#) website. It is the responsibility of the Proposer to check [Cal eProcure](#) for the list of questions and associated answers.

### **C. Substitute Personnel**

Substitute personnel must meet the same minimum qualifications as described in this RFP. During performance of the Agreement, the Contractor must provide written request and provide justification, and receive prior written approval, via email from the Department in advance of substitutions to the research team to receive reimbursement for associated costs.

### **D. Budget**

The total costs of all tasks and milestones for the base proposal cannot exceed **\$950,000**. The prices, set forth, shall remain in force for the stated term of the Agreement and shall include the cost of insurance, State sales tax, travel costs, and every other item of expenses, direct or indirect, to the total proposal.

### **E. Submission of Proposal**

1. Proposals should provide straightforward and concise descriptions of the Proposer's ability to satisfy the requirements of this RFP. The proposal must be complete and accurate (see Attachment 2: Proposal Template with Scoring Criteria). Omissions, inaccuracies, or misstatements will be sufficient cause for rejection of a proposal.
2. The proposal package should be prepared in the least expensive method.
3. All proposals must be submitted under sealed cover and sent to the Department by dates and times show in the *Key Action Dates and Times* section. Proposals received after this date and time will not be considered.
4. Proposers are encouraged to email their proposal to: [ServiceContracts@conservation.ca.gov](mailto:ServiceContracts@conservation.ca.gov). If a proposer prefers to mail in their proposal, a minimum of one (1) original and two (2) copies of the proposal must be submitted

5. The original hard copy proposal must be marked "ORIGINAL COPY". All documents contained in the original proposal package must have original signatures and must be signed by a person who is *authorized to bind the proposing firm*. All additional proposal sets may contain photocopies of the original package.
6. The proposal envelopes must be plainly marked with the RFP number and title, your firm name and address, and must be marked with "DO NOT OPEN". Mail hard copy proposals to the following address:

Department of Conservation  
801 K Street, MS 22-11  
Sacramento, CA 95814  
ATTN: Benjamin Brown  
3020-300 AB 2551 Spatial Analysis and Priority Planning  
DO NOT OPEN

Proposals not submitted under sealed cover and marked as indicated may be rejected.

7. All proposals may include the documents identified in Attachment 1: Attachment Checklist. Proposals not including the proper "required attachments" shall be deemed non-responsive. A non-responsive proposal is one that does not meet the basic proposal requirements.
8. A proposal may be rejected if it is conditional or incomplete, or if it contains any alterations of form or other irregularities of any kind. The Department may reject any or all proposals and may waive an immaterial deviation in a proposal. The Department's waiver of an immaterial deviation shall in no way modify the RFP document or excuse the Proposer from full compliance with all requirements if awarded the agreement.
9. Costs incurred for developing proposals and in anticipation of award of the agreement are entirely the responsibility of the Proposer and shall not be charged to the State of California.
10. An individual who is authorized to bind the Proposer contractually shall sign the Bid/Bidder Certification Sheet (Attachment 3). The signature should indicate the title or position that the individual holds in the firm. An unsigned proposal may be rejected.
11. A Proposer may modify a proposal after its submission by withdrawing its original proposal and resubmitting a new proposal prior to the proposal submission deadline as set forth in the *Key Action Dates and Times* section. Proposer modifications offered in any other manner, oral or written, will not be considered.

12. A Proposer may withdraw its proposal by submitting a written withdrawal request to the Department, signed by the Proposer or an authorized agent. A Proposer may thereafter submit a new proposal prior to the proposal submission deadline. Proposals may not be withdrawn without cause subsequent to proposal submission deadline.
13. The Department may modify the RFP prior to the date fixed for submission of proposals by the issuance of an addendum to all parties who received a proposal package.
14. The Department reserves the right to reject all proposals. The Department is not required to award a contract.
15. Before submitting a response to this solicitation, Proposers should review, correct all errors, and confirm compliance with the RFP requirements.
16. Where applicable, Proposer should carefully examine work sites and specifications. No additions or increases to the agreement amount will be made due to a lack of careful examination of work sites and specifications.
17. More than one (1) proposal from an individual, firm, partnership, corporation or association under the same or different names, will not be considered.
18. The State does not accept alternate contract language from a prospective Contractor. A proposal with such language will be considered a counter proposal and will be rejected. The [State's General Terms and Conditions \(GTC 04/2017\)](#) are not negotiable.
19. No oral understanding or agreement shall be binding on either party.
20. If the Proposer submits confidential or personal information along with their proposal, the information shall be redacted.

## **F. Evaluation Process**

1. At the time of proposal opening, each proposal will be checked for the presence or absence of required information in conformance with the submission requirements of this RFP.
2. The Department will evaluate each proposal to determine its responsiveness to the published requirements. Pass/Fail determination is made for responsiveness of all RFP requirements. Items listed in Attachment 1 must be completed and signed (as required) to be considered responsive.

The Department will evaluate Proposers based on criteria according to the table below.

<b>Administrative Criteria Evaluation</b>	<b>Pass</b>	<b>Fail</b>
Mandatory Minimum Qualifications		
Commercially Useful Function (CUF) (if applicable)		
Tax Delinquent Status Verification		
Completed Application Template		
Proposal/Proposer Certification		
Bid/Bidder Declaration		
Corporation in Good Standing with the State		
All Other Required Attachments		

3. Proposals that contain false or misleading statements claimed by the Proposer may be rejected.
4. Award if made, will be to the highest scored responsible proposal after eligible preferences and/or incentives have been applied.
5. In the event of a tie, award will be determined by a coin toss. The coin toss will be witnessed and documented by two (2) or more Department representatives and the affected Proposers will be invited to attend.

In the event of a precise tie between the low responsible proposal of a certified small business and the low responsible proposal of a certified disabled veteran owned business that is also a small business, the contract will be awarded to the certified disabled veteran owned small business.

6. The proposals that pass the *Administrative Criteria Evaluation* section will move onto the Proposal Template with Scoring Criteria Evaluation. The Scoring Criteria Evaluation (Attachment 2: Proposal Template with Scoring Criteria) will be performed by an evaluation panel. If deemed necessary, independent academic, technical, or policy experts may be called upon to answer any specific questions regarding any proposal responses. These individuals will not be participants in the scoring process.

There will be no individual sheets, no written scores, and no written notes. There will be one (1) final consensus score sheet for each proposal.

## **G. Award and Protest**

1. Notice of the proposed award shall be posted in a public place in the office of the Department at least five (5) working days prior to awarding the Agreement. The notice of intent to award will be posted at 801 K Street, MS 14-15, Sacramento, CA 95814.
2. If any Proposer, prior to the award of agreement, files a written protest with the Department of General Services, Office of Legal Services, 707 Third Street, 7th Floor, Suite 7-330, West Sacramento, CA 95605 and the Department on the grounds that the (protesting) Proposer is the lowest responsive responsible Proposer, the agreement shall not be awarded until either the protest has been withdrawn or the Department of General Services has decided the matter.

Within five (5) days after filing the initial protest, the protesting Proposer shall file with the Department of General Services and the Department a detailed written statement specifying the grounds for the protest. The written protest must be sent to the Department of General Services, Office of Legal Services, 707 Third Street, 7<sup>th</sup> Floor, Suite 7-330, West Sacramento, California 95605. A copy of the detailed written statement should be mailed to the Department. It is suggested that you submit any protest by certified or registered mail.

## **H. Disposition of Proposals**

1. Upon proposal opening, all documents submitted in response to this RFP will become the property of the State of California, and will be regarded as public records under the California Public Records Act (Government Code Section 6250 et seq.) and subject to review by the public.
2. Proposal packages may be returned only at the Proposer's expense, unless such expense is waived by the Department.

## **I. Payee Data Record**

1. The Proposer awarded the contract must complete and submit form [STD 204 Payee Data Record](#), listing their taxpayer identification number if the Department does not have a current copy on file.
2. No payment will be made unless the Payee Data Record form has been completed and returned to the Department.

#### **J. Contractor Certification Clauses (CCC 04/2017)**

1. The Proposer awarded the contract must complete and submit the [Contractor Certification Clauses \(CCC 04/2017\)](#) if the Department does not have a current copy on file.
2. No payment will be made unless the Contractor Certification Clauses have been completed and returned to the Department.

#### **K. Tax Delinquent Status Verification**

1. Effective July 1, 2012 Public Contract Code 10295.4, requires state agencies to verify the tax delinquent status of Proposers responding to state solicitations.
2. At the time of proposal evaluation, prior to contract award and execution, the Department will verify all proposing firms and identified subcontractors are not listed as tax delinquent by the Franchise Tax Board and the California Department of Tax and Fee Administration. Any proposing firms or subcontractor listed as tax delinquent shall result in a proposal rejection and will not be considered for contract award. Proposing firms wanting further clarification can refer to the statute above or the websites listed below for additional information.

[California Department of Tax and Fee Administration – Top 500 Sales Tax and Use Delinquencies in California](#)

[Franchise Tax Board – Top 500 Delinquent Tax Payers](#)

#### **L. Preference Programs**

1. Small Business Preference

The small business preference offers certified small businesses or micro businesses a calculation preference in the amount of five percent (5%) of the highest responsible score submitted by a Proposer who is not a certified small business. The small business preference is used as a calculation for determining the highest scored Proposer and does not affect the actual price submitted.

The Department will grant small businesses a five percent (5%) small business preference on their score evaluation when a responsible non-small business:

- Includes in its proposal a notification to the Department that it is a small business or that it has submitted to DGS Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS) a complete application no later than 5:00 p.m.

on the proposal due date, and is subsequently certified by DGS as a small business

- Submits a timely, responsive proposal
- Has been determined to be a responsive proposer

Proposers having pending Small Business Certification applications under review by DGS concurrent with the proposal timeframe should contact OSDS to request an expedite review/approval of their application in order to be considered for the small business preference during the evaluation of this proposal. Contact OSDS at (916) 375-4940 to obtain information about the application expedite process.

Proposers must notify the Department, in writing, at the time of proposal submission that they have an application for Small Business Certification under review at the OSDS, and that they wish to be considered for the Small Business Preference Calculation.

## 2. Non-Small Business Preference

Non-small business Proposers will be granted a five percent (5%) non-small business preference when a responsive non-small business has agreed to subcontract at least twenty-five percent (25%) of their proposal with a California certified Small Business if the non-small business Proposer's proposal is not the highest scored. Responding Proposers must:

- Include in its proposal a notification to the Department that it commits to subcontract at least twenty-five percent (25%) of its net cost price with one or more California certified small businesses
- Submit timely proposal as specified in the proposal document
- Be determined to be a responsive, responsible proposer
- Identify the California certified small business/small business it commits to subcontract with. The Proposer will list certified small business subcontractor(s) and include their name, address, phone number, a description of the work to be performed, and the percentage (as specified in the solicitation) per subcontractor. The small business subcontractor(s) shall be identified on the Bidder Declaration.

### 3. Calculating Small Business Preference

The non-small business calculation preference of five percent (5%) is used for proposal evaluation purposes only. Awards made as a result of the non-small business preferences will be awarded at the Proposer's original proposal price. The preference will be computed as follows:

Proposer A, (Highest score) non-small business:	60
Proposer B, certified small business or non-small business subcontracting 25% to a certified small business:	58
Calculation Preference:	$60 \times .05 = 3$
Proposer B	58
Subtract calculated preference:	$\frac{+3}{=61}$

Award is made to Proposer B as the high score of 61.

### 4. Maximum Allowable Preferences

In no event shall the combined cost of the small business or non-small business subcontractor preferences and preferences awarded pursuant to other provision of law exceed \$100,000.00. The five percent (5%) calculation preference is used for computation purposes only and does not alter or affect the actual cost price or the amount of the executed contract. When a certified small business is the highest responsible scorer, then there is no need to compute the small business preference as the small business is the highest scorer.

### 5. Disabled Veteran Business Enterprise (DVBE) Program

Under California Code of Regulations 1896.99.100, the California DVBE incentive provides responsive/responsible Proposers the opportunity to receive additional incentive calculations. The incentive is applied at the time of RFP evaluation when a Proposer has identified a California-certified DVBE subcontractor to provide services or commodities in support of the overall contract effort. Application of the DVBE incentive *may not displace a certified small business high scorer.*

The following are elements of the DVBE incentive program:

- The DVBE incentive is applied during the evaluation process and is only applied to responsive proposal from responsive Proposers proposing the percentage(s) of DVBE participation for the incentive(s) specified in the solicitation.
- DVBE incentive participation is at the discretion of the Proposer and is *optional* when overall DVBE program requirements are exempt by the State for that solicitation.
- A Proposer must complete and return the DVBE incentive application request included within this solicitation with their proposal at the time of submission.
- Services or commodities provided by the DVBE firm must meet the definition of Commercial Useful Function (CUF) as defined under Military and Veterans Code 999 (B) (i) (iii) and under California Code of Regulations 1896.71 (I). A DVBE Proposer determined as not meeting CUF regulations will render the responding Proposer ineligible for the DVBE incentive application.

DVBE participation incentives are calculated according to the table below.

<b>DVBE Participation Level</b>	<b>Incentive Applied</b>
Less than 1%	0% Incentive
1% to 1.99%	1% Incentive
2% to 2.99%	2% Incentive
3% to 3.99%	3% Incentive
4% to 4.99%	4% Incentive
5% or Higher	5% Incentive

**M. Commercially Useful Function (CUF)**

A certified small business, micro-business, or DVBE must meet commercial useful function (CUF) requirements under Government Code section 14837(d)(4). Selected firms must perform a “commercially useful function” relevant to this RFP. A Contractor is deemed to perform a CUF by executing all of the following:

- Is responsible for the execution of a distinct element of the work of the Agreement.
- Carries out contractual obligations by performing, managing, or supervising the work involved.
- Performs work that is normal for its business services and functions.
- Is not further subcontracting a portion of the work that is greater than expected to be subcontracted by normal industry practices.

- Is responsible, with respect to products, inventories, materials, and supplies required for the contract, for negotiating price, determining quality and quantity, ordering, installing, and, if applicable, making payment.
- Its role is not an extra participant in the transaction, contract, or project through which funds are passed in order to obtain the appearance of DVBE participation.

The Department will determine, to the best of its ability, that the Contractor meets the criteria above for CUF. In responding to this RFP, the Proposer is confirming that, under Government Code 14837 (d)(4), your business provides goods and/or services that meet the definition of CUF. All Proposers are required to provide CUF documentation using the Bid/Bidders Declaration, included in this RFP. When completing the declaration, Proposers must identify all subcontractors proposed for participation in the contract. Any Proposer awarded a contract is contractually obligated to use the subcontractor for the corresponding work defined unless the Department agrees to a substitution.

## V. Scope of Work

### AB 2551 Implementation Scope of Work Spatial Assessment and Priority Planning

*Headwaters Revitalization Initiative: Enhancing water storage through landscape restoration*

#### I. OVERVIEW

##### Objective and Directives

Water security is among California's chief concerns, particularly given the state's growing population. With mounting threats including climate change placing increased pressure on the forested watersheds of the state<sup>1</sup>, legislative action was taken to initiate a landscape planning effort to establish a comprehensive understanding of priority areas for management<sup>2</sup> within key source watersheds of California (Figure 1). This includes a focus on water quality and supply reliability, in addition to increasing wildfire resilience, diversification and stabilization of forest carbon stores, enhancement of wildlife habitat, and addressing climate mitigation and adaptation.

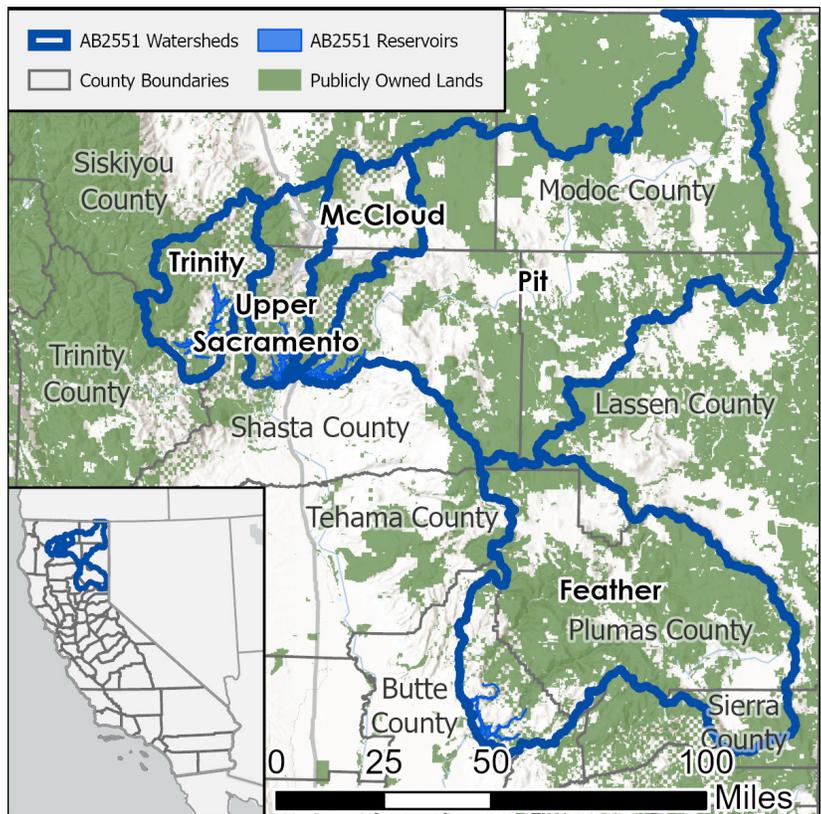


Figure 1: Headwaters Revitalization Initiative Landscape (approx. 7 M acres)

**AB 2551** (Wood, 2018; PRC 71365), authorizes the Natural Resources Agency (CNRA) and California Environmental Protection Agency (CalEPA) to jointly submit to the Legislature a **spatially explicit natural resource assessment**<sup>3</sup> and **watershed management and restoration investment plan** for the major watersheds that deliver critical water supply to the Oroville, Shasta, and Trinity Reservoirs: the Feather, Pit, McCloud, Upper Sacramento, and Trinity watersheds<sup>4</sup>. Two key goals of this legislation are to:

<sup>1</sup> [California 4<sup>th</sup> Climate Change Assessment](#).

<sup>2</sup> Refer to Sec. IX, Definitions.

<sup>3</sup> Refer to Sec. IX, Definitions.

<sup>4</sup> Refer to Sec. VIII, Appendix, for more detail on Statutory Authority.

- 1) Establish a comprehensive understanding of forest management and restoration needs in the above defined watersheds; and
- 2) Provide transparent and defensible data and analysis in support of prioritization of investment opportunities to improve watershed function and resilience<sup>5</sup>.

## **A. Expected Deliverables**

Under the Headwaters Revitalization Initiative (Initiative) financed through the [Regional Forest and Fire Capacity Program](#) (RFFC Program)<sup>6</sup> and answering the authority described in PRC 71365 (a)(1) and (2), this Scope of Work (SOW) seeks the deliverables outlined below. This work is intended to significantly improve the availability of data and integrated analysis for use by local, tribal, state and federal partners to determine natural resource conditions, risk, and priority locations across large landscapes to inform investment planning.

### **1. Spatial Assessment:**

- i. Produce data, analytics and maps that yield a spatially explicit quantification<sup>7</sup> and qualitative evaluation of natural resource asset<sup>8</sup> current conditions, stressors, and indices of risk related to: water, carbon, biodiversity, fire, and forest structure (see Sections II-A and II-B).***
- ii. Based on the information developed under (i.), conduct a current potentials analysis (see Section II-C) to highlight locations in need of restoration and management intervention.***
- iii. As specifically justified and needed, a targeted empirical (field) data collection and analysis may be carried out to support validation of data, models, and/or analyses necessary for completing this Assessment (see Section II-D).***

### **2. Prioritization Planning Tool:**

- i. Based on a completed spatial assessment (above), develop an all-forest-lands tool to prioritize management objectives across natural resource asset values in support of future management and restoration investment decisions on tribal, state, federal and private lands (see Section III). This tool shall:***

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<sup>5</sup> Refer to Sec. IX, Definitions.

<sup>6</sup> Under the RFFC Program, regions have been allocated block grants for the development of forest health project priority plans, project planning, and demonstration project implementation.

<sup>7</sup> Refer to Sec. IX, Definitions.

<sup>8</sup> Refer to Sec. IX, Definitions.

- a. **Enable resource managers to review different management scenarios across large landscapes using adjustable weights, thereby establishing spatially explicit maps of priority management areas.**
- b. **Include established local, regional and federal priority maps that are provided to the project team to assist resource managers' evaluation of locations for management investment.**

**The Spatial Assessment, described above, will link to and integrate with a related effort led by CNRA and CalEPA, [AB 1492 statewide forest ecosystem monitoring and assessment](#), which is currently in the early stages of development. This monitoring and assessment under AB 1492 is focused on forested ecosystems throughout California, is compatible with the AB 2551 Assessment, and seeks to develop a long-term, consistent, spatially explicit quantification of natural resource conditions at the watershed resolution. Methods that can support both AB 2551 and AB 1492 analyses, including consideration of appropriate scale, data, management questions, etc., are laid out in a [2019 white paper](#)<sup>9</sup> published by CNRA, and should be referenced in proposal development for this SOW, aligning the two efforts where practical, feasible, and appropriate.**

**Deliverables (1 and 2) shall be:**

- a) **presented and explained to the State in the form of a training session that describes completed data, analysis and tool;**
- b) **prepared so that data and analyses may be readily refreshed/updated by CNRA and CalEPA when new data becomes available;**
- c) **written with code that is sufficiently generic as to be adaptable and scalable for use in other locations of the state;**
- d) **provided with all relevant data used to assess validity of spatial assessments (if field validation is pursued), including providing the validation plan and field methods used as well as analytical methods (and code) used to interpret these data;**
- e) **submitted with supporting documentation including concise and transparent reporting of methods, results, discussion, and conclusions; and**
- f) **delivered with all source code and documentation, directly to the State, including a library of data sources. Delivered materials should be licensed for**

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<sup>9</sup> 2019 CNRA White Paper- Monitoring and Assessment of California's Timberland Ecosystems Under Assembly Bill 1492 and the Timber Regulation and Forest Restoration Program

**public use and reuse. Further, any software or tools not developed specifically for this project must be open-source, public and freely available to enable the State and its partners to use all methods employed by this study (unless otherwise approved by the Interagency Technical Advisory Panel); and**

- g) accessible (in a document form or an online form) to meet accessibility standards (WCAG 2.0 AA).**

**Urgency:**

**Given growing threats facing the forested watersheds of the state, limited budgets, and the need to carry out more targeted restoration and management, this analysis and its eventual application in other parts of California is urgently needed. Therefore, scientifically defensible and efficient methods are needed that can deliver on the analyses and stakeholder engagement required for the study, within the time frame and budget allotted (described under Section I (C) Funding).**

**Interagency Oversight:**

**To guide the work of the Initiative, an Interagency Steering Committee shall provide policy guidance to the Principal Investigator (P.I.<sup>10</sup>) on an occasional basis, and an Interagency Technical Advisory Panel shall provide the P.I. more frequent scientific and technical direction on methods and use of data (see Section VI [B and C]).**

**Engagement: Tribes, Federal Agencies, and Stakeholders**

**All key deliverables will require prior consultation with Tribes, Federal agencies, and the region's stakeholders, as needed to obtain input and advance project stages (stakeholders include but are not limited to: timberland managers, NGO's, watershed managers, landowners, and interested public).**

**Publication of Findings:**

**While not a funded component of this Scope of Work, upon completion of the deliverables above, the P.I. is encouraged to publish results including methods, data, analysis and code in a peer-reviewed scientific publication and demonstrate work products at scientific conferences.**

**B. Desired outcomes**

The Initiative includes similar and complimentary objectives of the RFFC Program, AB 2551, and AB 1492. Together these objectives include, but are not limited to, the following:

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<sup>10</sup> Term used interchangeably with the term "research team."

- Spatially quantify, describe, and document forest ecosystem condition and resource management and restoration needs to support future project prioritization and investment decisions to improve: forest structure, function, and resilience; water quality; storage and supply reliability; enhance fish and wildlife habitat; and promote climate adaptation and mitigation;
- Increase regional cohesion around watershed management and restoration need as well as forest and fire resiliency priorities;
- Increase capacity of regional, state, and federal partners to identify, prioritize, and plan for wildland fire and forest health needs within their region;
- Coordinate fire planning and management efforts; and
- Develop strong regional support of and mobilization of long-term finance for priority areas identified through this Initiative by integrating stakeholder and partner priorities in the data, analytics, assessment and planning.

### C. Funding

CNRA has reserved \$1 million,<sup>11</sup> of which \$950,000 is available for project work, from the RFFC Program funding to implement Public Resources Code section 71365 (a; 1 and 2) to carry out the **data and analytics, assessment, management planning, and related duties** described in this authority.

## II. HEADWATERS REVITALIZATION SPATIAL ASSESSMENT

This section describes key elements of a stepwise approach to generate a spatially explicit quantification and description of natural resource assets, involving: 1) current conditions; 2) stressors; 3) indices of risk; and 4) current potential conditions (defined below). Taken together, these data, analyses, and maps will be used to develop a prioritization planning tool (Section III below) that improves our ability to identify locations with greatest need for watershed restoration and management investment (AB 2551). A critical underpinning of this Assessment is that it reflects an interagency integration of data and agreed upon methods. This Assessment will also enable the launch of statewide forest ecosystem monitoring program at a watershed resolution (under AB 1492), to commence in the study region and ultimately be expanded to statewide application.

**The P.I. will oversee development of the Assessment consulting with the Interagency Steering Committee on relevant policy questions and working closely with the Interagency Technical Advisory Panel to agree upon methods, data, scale and the like (see Section VI, Responsibilities and Governance).** Local and regional stakeholders are to be consulted at key decision points as work advances and deliverables are produced.

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<sup>11</sup> A 5% administrative fee will be deducted from this amount.

**To accomplish the steps (Section II, A-C, below) including data selection, collation, harmonization and analysis, the P.I. will, where feasible and appropriate, use existing data and methods including those developed by state and federal partners.** However, where needed and justified to the Interagency Technical Advisory Panel, the P.I. may develop novel methods and datasets.

### **A. Natural Resource Asset Quantification: Current Conditions**

Forest ecosystem conditions vary across a landscape, dependent on natural site conditions and changes associated with disease, fire, and related climate factors, as well as human infrastructure and land use conversion. Harnessing existing field and remotely sensed observational data from state and federal resource agencies, and new derived data (refer to Section II (D)., the research team will develop an integrated spatially explicit quantification of natural resource assets (using agreed upon indicators and metrics of forest composition/structure/ stand density, vegetation and wildlife community composition, carbon, biodiversity, water supply and quality, etc.) to gain an objective understanding of current conditions (i.e., status of each individual asset) across the study landscape. All spatial results will be collated and harmonized at the watershed resolution (e.g., HUC 10 or 12, or as determined in working with Interagency Technical Advisory Panel).

### **B. Quantification of Stressors and Indices of Risk**

Next, a spatial analysis shall be completed by the research team integrating available data and projections on stressors (such as fire risk; drought [and related climate driven attributes]; human infrastructure: roads, settlements, powerlines and related utilities; pollutants, etc.) that influence the condition of each natural resource asset, to then yield an index of risk. The risk indices should include an estimation intensity/magnitude that each stressor has on a given asset, its probability of occurrence, and how it varies spatially. The research team will work with the Interagency Technical Advisory Panel to determine a thematic and temporal focus for the risk assessment, with time-bound limits on risk assessments for each asset type (e.g. mid-century/end of century time frame for analysis). In support of this step and to provide clarity as to the complex relationships among the various assets, stressors and risks, a conceptual model shall accompany the analysis.

### **C. Natural Resource Asset Quantification: Current Potential Conditions**

Finally, the P.I. will develop a spatially explicit quantification of current potential conditions for each natural resource asset, determining those assets that are in robust or impaired condition, particularly highlighting those locations where an asset is performing below its potential and/or is at risk. This information will support identification of locations that present opportunities for restoration and management intervention. Referencing spatially explicit data on natural resource asset current conditions, environmental site quality (e.g. soils, elevation, slope, aspect, etc.), coupled with completed

risk indices (Section II A and B, respectively), the research team will evaluate current potential conditions for each asset. This process will derive a carrying capacity (upper limits of potential ecological performance) for each asset based on its unique location and circumstances, to determine departure from potential conditions for each asset (i.e., current potential condition minus current condition). Where current potentials for a given asset in a given location are not being met, this may indicate an opportunity for restoration/management intervention.

It is important to note this step does not seek an assessment of specific management or silvicultural practices that will improve ecosystem service conditions; the focus is solely on quantification of the departure from, or risk to, current potential conditions. It is up to local resource managers to determine the appropriate management and restoration action needed based on site conditions and management priorities.

#### **D. Field Validation**

In support of the Assessment and the validation of spatial estimates and/or models used, with justification and approval of the Interagency Technical Advisory Panel, the research team may employ targeted, new, field-based empirical data gathering and analysis. Pre-existing field-based data will be used to complement the new observational data gathered through this project.

New field data will serve multiple functions. Where possible, the research team shall collect new field-based data to calibrate and validate remotely sensed and/or modeled data; this is especially true for those variables that the research team deems most important to the spatial assessment. In this way, accuracy of previously produced products will be quantified for this particular study area, and may be bias corrected. Additionally, the addition of a sampling design for specific variables within this specific study area will provide greater confidence to state and local stakeholders when priority and management decisions are made.

Data to be used for the Assessment will include empirical measurements including new field-based data, pre-existing field-based data, and remotely sensed data products. Available interagency data products may include, but are not limited to:

- State Water Resources Control Board Surface Water Ambient Monitoring Program water quality and aquatic ecosystem data sets;
- Department of Fish and Wildlife Aquatic Bioassessment;
- Forest Service Forest Inventory Assessment (FIA);
- CAL FIRE Fire and Resource Assessment Program (FRAP) data sets;

- California Natural Diversity Database (CNDDDB) and Vegetation Classification and Mapping Program (VegCAMP) operated by the California Department of Fish and Wildlife;
- California Air Resources Board Natural and Working Lands Carbon Inventory;
- Sierra Nevada Conservancy (Strategic Investment Plan) and Tahoe Central Sierra Initiative data sets or methods;
- The CPUC Fire-Threat Map; and
- LiDAR where available.

Using this framing, a spatially explicit data and analytics interface will be assembled in support of prioritization planning, described immediately below.

### **III. HEADWATERS REVITALIZATION PRIORITIZATION PLANNING TOOL**

The development of a spatially explicit prioritization and scenario planning tool is outlined below. The tool shall be an all-forest-lands application to allow the user to define their unique management priorities in source watersheds and highlight where these priorities coincide with areas in need of restoration and management (based on current potentials analysis in the Assessment, Section II), thereby delineating where strategic investment should be directed. The P.I. will develop a tool that can be used by differing resource managers (local, private, state, tribal, and federal landowners) to assign relative weights to management priorities, enabling various scenarios to be explored and help determine locations for strategic management placement (see Section III, A).

Further, the P.I. will bring together layers that represent local priorities of watershed groups, tribes, fire safe councils, state and federal agencies and other groups, for reference in evaluating priorities (see Section III, B). Special care should also be taken to include spatial data on vulnerable communities in the study region (as defined by state agencies; e.g., Air Resources Board and CAL FIRE) to support prioritization analyses.

The P.I. will develop the Tool in direct consultation with the Interagency Steering Committee and Technical Advisory Panel and stakeholders (see Section VI, Responsibilities and Governance).

#### **A. Prioritization Planning Tool**

Based on a completed Spatial Assessment, the P.I. will develop an all-forest lands tool to enable the prioritization of differing management objectives across natural resource asset values which can be used to guide in locating strategic areas for investment, whether on tribal, state, federal or private lands. Specifically, this tool should provide objective, scientifically defined Assessment results to be evaluated by different land managers given their unique set of management mandates or policy priorities, with adjustable weights that yield scenarios of locations where management should be directed given these mandates

or priorities (e.g. fire safety, timber production, recreation, biodiversity protection, carbon storage and diversification, etc.).

The information generated by this tool can then be compared to a layer of established local, regional and federal priority maps (see below) to determine the most compelling locations for management investment. Multiple spatially explicit prioritization scenarios may then be used for decision making and fund procurement.

## **B. Inventory and Mapping Layer of Existing Local, Regional, State and Federal Priority Maps**

The P.I. will assemble existing spatial data from local, regional, state and federal prioritization plans within the specified watersheds to integrate, as appropriate, into a combined spatial layer, that tool users may reference to see established local and regional watershed priorities vis-à-vis scenario results. The P.I. will solicit voluntary submission of layers of established priority maps from a combination of interagency partners and local and regional groups, including but not limited to:

- Tribal government led watershed and project priorities;
- The Department of Fish and Wildlife's [Areas of Conservation Emphasis \(ACE and ACE-III products\)](#);
- The Department of Fish and Wildlife State Wildlife Action Plan (SWAP);
- Regional Conservation Assessments and Regional Conservation Investment Strategies (RCAs and RCISs; CDFW);
- The USDA Forest Service Region 5 analysis of [Priority Areas for Treatment](#) to reduce risk of bark beetle attack and wildfire;
- CAL FIRE's Fire Resource and Assessment Program (FRAP);
- The Pacific Forest Trust's [A Risk Assessment of California's Key Watershed Infrastructure](#);
- CAL FIRE's 45 Day Plan developed under [Executive Order N-05-19](#);
- CAL FIRE Unit Plans for Siskiyou; Shasta-Trinity; Lassen-Modoc-Plumas; Butte; and Nevada-Yuba-Placer;
- Caltrans Wildfire Vulnerability Highway Assessment (and related);
- Sierra Nevada Conservancy Watershed Improvement Program/Strategic Investment Program;
- Tahoe Central Sierra Initiative plans and products;
- State Water Resources Control Board Basin Plans (Central Valley and North Coast Water Board);
- State Water Resources Control Board Healthy Watersheds Partnership products
- Relevant Integrated Regional Water Management (IRWM) Planning documents, including the North Coast IRWM Plan, Upper Feather River Watershed IRWM Plan, Upper Pit River IRWM Plan, and Upper Sacramento, McCloud, and Lower Pit IRWM Plan;
- Fire Safe Community Plans, where they exist;

- US Forest Service NEPA-ready project lists and other planning documents for Shasta-Trinity, Modoc, Lassen, and Plumas National Forests;
- California Climate Change Scoping Plan and Natural and Working Lands Implementation Plan
- Other relevant watershed-specific plans;
- Vegetation Management priorities outlined in Investor-owned utility Wildfire Mitigation Plans;
- RFFC regional planning efforts as available; and
- TNC's freshwater biodiversity mapping products.

Further the P.I. is encouraged to integrate existing data layers on vulnerable communities that may be needed in scenario development and priority evaluation.

This mapping effort will help highlight overlapping and complementary priority areas for forest restoration and management; thus strengthening the collaboration and sharing of resources among local, state, federal and non-governmental organizations. In so doing, future program funding and project plans may comprehensively justify and transparently demonstrate funding that is coordinated and efficient.

#### **IV. TRIBES, FEDERAL AGENCIES, AND GENERAL STAKEHOLDER ENGAGEMENT**

On an iterative basis, the P.I. will engage with Tribes, Federal agencies, and stakeholders, as needed, when methods are being formulated and as deliverables are completed. This engagement will support the research team to help ensure up to date information is employed and that data products are useful and understandable for interested parties.

Tribes: In working to develop both key deliverables, the P.I. will seek the input of Tribes to determine priorities derived from tribal science, oral histories, cultural resource and traditional ecological knowledge provided voluntarily by the tribes.

Stakeholders may include:

- Watershed-specific collaboratives;
- Local governments;
- Resource Conservation Districts;
- Water Agencies;
- Non-governmental organizations (e.g. Pacific Forest Trust, Nature Conservancy, and others); and
- Community groups, private landowners and industry.

## V. CONSISTENCY WITH RELATED EFFORTS

The Initiative shall coordinate, build upon, and integrate, as appropriate and feasible, with the work of other complementary forest science and landscape analyses that are currently underway with similar geographic coverage. This includes, but is not limited to:

- [AB 1492 Statewide Forest Ecosystem Monitoring and Assessment](#) (CNRA-led);
- [Watershed Improvement Program](#) and [Sierra Nevada Strategic Investment Program](#) (Sierra Nevada Conservancy);
- [Regional Forest and Fire Capacity Program](#); and
- Current, major publicly funded forest science research initiatives, including:
  - Spatial Informatics Group “[Comprehensive open source development of next generation wildfire models for grid resiliency](#) (funded by CA Energy Commission);
  - UCLA “[The Future of California Drought, Fire, and Forest Dieback](#)” (funded by UC Lab Fee Research Program);
  - [Center for Ecosystem Climate Solutions](#) (funded by Strategic Growth Council).

## VI. RESPONSIBILITIES & GOVERNANCE

This section describes key entities and their responsibilities within the effort.

### A. Principal Investigator

The Principal Investigator will have ultimate responsibility for deliverables related to the development and completion of Assessment and Prioritization Planning Tool. Key roles will include:

- Throughout development of both Assessment and Prioritization Planning Tool, engaging and coordinating directly with:
  - Natural Resources Agency, Environmental Protection Agency, CAL FIRE, Sierra Nevada Conservancy, Air Resources Board, CA Department of Fish and Wildlife, Department of Conservation, Department of Water Resources, Caltrans, CA Public Utilities Commission, State and Regional Water Boards, US Forest Service, Bureau of Land Management, National Park Service, and other relevant local, state and federal agencies and tribes;
- Conducting the spatial assessment and mapping of priority areas:
  - Plan, coordinate, and conduct scientific research pertaining to forest management impacts on ecological performance as agreed with the Interagency Technical Advisory Panel.
  - Act as the lead quantitative scientist, incorporating large environmental datasets from many disparate data sources, i.e., remotely sensed, field data, airborne, LiDAR, etc.
  - Collect, analyze, and interpret data; prepare statistical and narrative reports and visuals, as appropriate;

- Convening with stakeholders in and affected by management of the AB 2551 region (and interested parties tied to AB 1492) as needed to ensure consideration and coordination of stakeholder feedback in the Assessment process (Section II) and Prioritization Planning Tool development (Section III);
- Convening meetings (approximately every 2-4 months) with the Interagency Steering Committee to coordinate efforts and provide regular updates (may be remote or in person as feasible and required):
  - Establish a communications structure with the Interagency Steering Committee; and;
  - Develop content and provide agendas for these meetings;
- Convening meetings with the Interagency Technical Advisory Panel as needed (likely regular/frequent) to coordinate data, methods, and related steps (may be remote or in person as feasible and required)
  - Establish a communications structure with the Interagency Steering Committee; and;
  - Develop content and provide agendas for these meetings;
- Integrating information from the tasks above, packaged into a final product and seeking Interagency Steering Committee and Technical Advisory Panel direction and sign-off for the content;
- Developing public outreach tools and materials, such as a website, to ensure that the public understands the process, timeline, and how to participate.
- Developing intuitive online interface for agency and public use (user permissions may differ);
- Developing methods and spatial analytic and assessment platform that can be adaptable and scalable to other locations in the state;
- Providing all source code and documentation developed for deliverables directly to the State (including data library and processed data/maps). And using only software or tools (that were not developed specifically for this project) that are open source, public and freely available (unless otherwise agreed with Technical Advisory Panel); and
- Overseeing field work and related requirements associated with possible empirical data collection.

## **B. Interagency Steering Committee**

Upon commencement of AB 2551 work, an Interagency Steering Committee will be formed by CNRA (in consultation with CalEPA) to provide policy guidance and instruction to the P.I. and research team from participating agencies throughout the life of the project. The committee will be co-led by CNRA and CalEPA (or designee) and may include participation from: Sierra Nevada Conservancy, Department of Fish and Wildlife, the Department of Forestry and Fire Protection, the Central Valley Regional Water Quality Control Board, State Water Resources Control Board, CA Public Utilities Commission, Department of Water Resources, California Air Resources Board, and Department of Conservation, Tribes, and

Federal Agencies including the Region 5 US Forest Service, National Park Service, Bureau of Land Management, US Geologic Survey, as appropriate and available.

Further, the P.I. should closely coordinate with CNRA and, where appropriate, incorporate the work being undertaken through AB 1492 ([Ecological Performance Measures](#)-Statewide Timberland Ecosystem Monitoring and Assessment) to ensure consistency between AB 1492 and AB 2551 efforts.

The Committee will be responsible for:

- Participating in Committee meetings to the maximum extent possible;
- Providing relevant policy guidance and support to the P.I.;
- Identifying efforts for synergies and coordination with related state and federal efforts, regulations, and programs;
- Overseeing public information and website content efforts and identifying efforts for synergies where possible; and
- Tasks as otherwise determined in initial meetings with the Interagency Steering Committee.

### **C. Interagency Technical Advisory Panel**

Upon commencement of AB 2551 work, an Interagency Technical Advisory Panel will be formed by CNRA (in consultation with CalEPA) to provide key technical guidance and instruction to the P.I. and research team from participating agencies throughout the life of the project. The committee will be co-led by CNRA and CalEPA (or designee) and will include similar agency composition listed under Interagency Steering Committee. These technical advisors will have strong scientific background from their respective agencies on topics relevant to the key deliverables sought.

Further, the P.I. should closely coordinate with CNRA and, where appropriate, incorporate the work being undertaken through AB 1492 ([Ecological Performance Measures](#)-Statewide Timberland Ecosystem Monitoring and Assessment) to ensure consistency between AB 1492 and AB 2551 efforts.

The Committee will be responsible for:

- Participating in Committee meetings and technical review to the maximum extent possible;
- Providing relevant technical guidance and support to the P.I., including:
  - Advising on data, methods (scale/resolution, management questions, study indicators and metrics, etc.) and formulation of deliverables;
- Identifying efforts for synergies and coordination with related state and federal efforts, regulations, and programs;

- Overseeing public information and website content efforts and identifying related efforts where possible; and
- Tasks as otherwise determined in initial meetings with the Interagency Technical Advisory Panel.

#### **D. Coordination**

To help solidify these roles and responsibilities, a Charter between the P.I. and research team, CNRA, and CalEPA will be developed by CNRA in working with the P.I. and CalEPA, and will be used to structure the participants and work of the Interagency Steering Committee and Technical Advisory Panel, and further describe:

- 1) Organization of stakeholder outreach, including transparent decision-making processes, and meeting facilitation procedures; how landowners, community members, and community representatives will be involved in watershed-level planning; process for updating the public on progress of the overall initiative, including but not limited to website updates by CNRA, stakeholder meetings that are open to the public, and other engagement;
- 2) Decision-making and communication processes between the P.I. and Interagency Steering Committee and Technical Advisory Panel, and other related groups.

To ensure completion of the deliverables associated with AB 2551 and AB 1492 in the allotted time, the P.I. will work closely with CNRA. A CNRA scientist dedicated to AB 2551 and AB 1492 will support and engage with the research team in project development and to help ensure efficient and timely feedback across agencies.

#### **VII. QUALIFICATIONS**

The P.I. and research team must demonstrate through proposal submission evidence of a highly diverse and skilled analytical background with ability to collect, aggregate (temporally and spatially), manage, and analyze large spatial datasets, both remotely sensed and field based empirical products, to quantify and assess the condition of forested watershed ecosystems, evaluate risk to natural resource assets and establish planning scenarios. Additionally, experience in designing and executing field data collection is required. Further, extensive, demonstrated skill in stakeholder coordination and outreach is imperative. The combined experience of the project team must directly relate to the duties and responsibilities specified throughout this document and the qualifications listed below:

- Ph.D. or M.Sc. strongly preferred in Data Science, Computer Science and/or Engineering, and Geosciences, Earth Sciences, Forest Ecology or related degree/expertise:

- Expertise in identifying and quantifying drivers of environmental change, such as climate factors, land use change, and management.
- Advanced remote sensing techniques and algorithms to support analysis of ecosystem condition (including water, carbon, fire, forest structure, biodiversity/species habitat, etc.): Radiative Transfer theory, MODIS and Landsat derived biophysical variables (e.g. LAI), knowledge of Lidar data products, and ability to combine data derived for multiple satellite, airborne, ground based sensors. algorithms
- Ability to develop geospatial algorithms within Python or similar programming language.
- Knowledge of advanced statistical methods and big data analysis.
- Diverse experience organizing large scale field campaigns to assess ecosystem condition (e.g., establishing forest monitoring plots, water quality analysis, stream gauges, carbon quantification, camera traps, etc.).
- Ability to combine many different (spatial and temporal) environmental datasets to quantify overall ecological condition at the watershed scale.
- Knowledge of ecological modeling and dynamics.
- Professional work experience in natural resources planning, forest ecology, silviculture, fire science, landscape ecology, forest management, wildlife management, public policy and administration, and geography.
- Extensive expertise working with stakeholders, including multiple local, state and federal agencies.
  - Familiar with multi-criteria objectives and decision science
- Ability to write and communicate clearly; experience translating technical research/ data into reports and documents that can be used to inform decision-makers and the public.
- Background creating data interface to facilitate access to and understanding of technical assessments and data products.

### **XIII. APPENDIX**

#### **Statutory Authority**

AB 2551, in part, adds Part 4.7 Forest and Watershed Restoration (commencing with Section 71365) to Division 34 of the Public Resources Code (PRC), as follows:

71365.

- (a) *(1) To advance the goals of Item 0540-101-3228 of Section 2.00 of the Budget Act of 2018, the Natural Resources Agency and the California Environmental Protection Agency may jointly develop and submit to the Legislature, in compliance with Section*

9795 of the Government Code, a plan for forest and watershed restoration investments for the drainages that supply the Oroville, Shasta, and Trinity Reservoirs.  
(2) The spatially explicit plan authorized under paragraph (1) is intended to establish a comprehensive understanding of restoration needs and prioritize investment opportunities that will improve watershed function and resilience, water quality and supply reliability, forest carbon stores, wildlife habitat, and climate adaptation.

- (b) Those agencies may jointly develop and propose to the relevant policy committees of the Legislature a pilot project for the coordinated, multiagency permitting of watershed restoration activities in the watersheds described in subdivision (a), as outlined in subdivision (c) of Section 108.5 of the Water Code.
- (c) The Headwaters Restoration Account is hereby established in the General Fund. Funds may be deposited into the account and used, upon appropriation by the Legislature, for the purposes of this section.

(Note: Subsections (b) and (c) are not addressed by this SOW).

## IX. DEFINITIONS

To help ensure clarity of meaning in this Scope of Work, a short list of definitions for terms used in the document is provided, below:

**Assessment:** The use of data to evaluate or appraise a resource of concern, and in a spatially quantifiable way, determine the condition and provision of ecosystem services in support of decision-making and planning processes.

**Assets:** Measurable natural resource values including indicators and metrics for water supply/quality, carbon, biodiversity, forest structure, and the like.

**Management:** Forest Management is the process of planning and implementing practices for the stewardship and use of forests and other wooded land to meet specific environmental, economic, social and cultural objectives (Food and Agricultural Organization, United Nations). Forest management may include (but not be limited to) such activities as timber harvest, biomass removal, fuels management, carbon offset projects, restoration, conservation, and the like.

**Resilience:** The capacity of a system to absorb disturbance and reorganize while undergoing change so as to still retain essentially the same function, structure, identity, and feedbacks that would naturally occur (Walker et al. 2004).

**Spatially explicit quantification:** A metric, variable, or attribute that is quantified or measured in some way, and then is geospatially referenced.

**VI. Required Proposal Attachments**

**Attachment 1: Required Attachment Checklist**

A complete proposal package should include all of the items identified below.

Complete and return this checklist to confirm the items in your proposal. Place a check mark or "X" next to each item that you are submitting to the State. For your proposal to be responsive, all required attachments should be returned and this attachment shall be signed.

<b>Attachment</b>		<b>Attachment Name/Description</b>
<input type="checkbox"/>	Attachment 1	Required Attachment Checklist (this page or a copy of this page)
<input type="checkbox"/>	Attachment 2	Proposal Template with Scoring Criteria
<input type="checkbox"/>	Attachment 3	Bid/Bidder Certification Sheet
<input type="checkbox"/>	Attachment 4	Bid/Bidder Declaration
<input type="checkbox"/>	Attachment 5	Darfur Act Certification
<input type="checkbox"/>	Attachment 6	Disabled Veteran Business Enterprise Declarations (STD 843)
<input type="checkbox"/>	Attachment 7	California Civil Rights Laws Certification

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

## **Attachment 2: Proposal Template with Scoring Criteria**

### **PROPOSAL TEMPLATE with SCORING CRITERIA**

*The proposal submission shall follow the headings, order, and format as requested below. The proposal will be evaluated according to the following Technical Scoring Criteria and maximum possible point values described below (total possible points = 100).*

#### **Problem Statement, Background, and Relevance (5 points)**

**Length: MS-Word or PDF document limited to 1 page using 11-point or greater, Arial font or similar, including figures and tables. List of any citations at the end of this section (citations do not count towards page limit).**

Clearly articulate problem statement providing context, background, and relevance for requested deliverables. Specific research questions to be investigated must be clearly identified and aligned with the current state of science. A compelling case should be made for how the information gained from the project, given the research team's unique qualifications and approach, will: 1) further our ability to assess natural resource conditions; 2) identify management needs across large landscapes; 3) support prioritization and investment decision-making; and 4) provide information useful and relevant to monitoring and management of California forested ecosystems.

#### **Methodology (35 points)**

**Length: MS-Word or PDF document limited to 10 pages using 11-point or greater, Arial font or similar, including figures and tables. List of any citations at the end of this section (citations do not count towards page limit).**

Based upon the "Expected Deliverables" (delineated in Section I-B of Scope of Work) include a clear description of the approach and methods to meet the deliverables, addressing at a minimum: study design, data collection, analytics, and data management plan. The methods proposed should be: well described; appropriate for addressing the deliverables requested; scientifically rigorous, current, established, and efficient; and result in scalable and adaptable products that can be used in other locations in California. This section should also discuss plans for Tribal, Federal and stakeholder engagement. All results and data products should be prepared with the rigor necessary for potential publication in refereed scientific journal publications (note: publication is not funded or required as a part of this SOW).

### **Workplan and Schedule (10 points)**

**Length: MS-Word or PDF document limited to 3 pages using 11-point or greater, Arial font or similar, including figures and tables.**

Directly referencing Section I-B of Scope of Work, "Expected Deliverables," include clear description of the plan for completing the project, including identification of key project steps or phases, an achievable timeline and corresponding list of specific deliverables. Work plan should include a clear and achievable plan for data and scientific knowledge transfer, including but not limited to: delivery of results to the state, governmental publications, website development, webinars, and workshops. Schedule should display major phases of work broken down by quarter.

### **Budget (30 points)**

**Length: MS-Word or PDF document limited to 2 pages using 11-point or greater, Arial font or similar, including figures and tables.**

Project budget should clearly show how funds will be spent efficiently. Costs should be reasonable in proportion to the proposed deliverables and Scope of Work. Budget shall address direct and indirect costs including:

- Salaries and wages
- Employee benefits
- Contractual work required
- Travel
- Supplies
- Equipment

In the event of a computational error, unit prices will prevail over extended totals. The Department will check proposal calculations and recalculate proposal totals.

The total will be determined by adding all of the maximum allowable costs together.

The Department will reimburse the Contractor for actual expenditures, mileage, lodging, and per diem and parking per the guidelines listed below:

- Parking fees for each trip, only if accompanied by a receipt.
- Mileage, lodging, and per diem up to the current State rate, in effect at the time of travel.

The Department will not reimburse for incidental costs incurred. These rates and policies for travel reimbursement are available for review at the [California Department of Human Resource's website](#).

**Applicant History and Qualifications (20 points)**

**Length: Limited to 2 pages using 11-point or greater Arial font or similar.**

Applicants should demonstrate a strong history of scientific investigation relevant to Section V, Scope of Work, (Sub-Sections: I-B, Expected Deliverables and VII, Qualifications), as evidenced by successful completion of past projects, completed contracts/grants and peer reviewed publications.

Include the following, at a minimum:

- Detail the **applicant's ability** to complete the project as proposed, identify the resources (staff, partners, contractors) intended to complete the tasks described in the Scope of Work, and explain applicant's expertise or experience completing similar projects.
- Describe the **applicant's readiness**, including capacity to begin work promptly after execution of grant agreement, and to complete work by January 31, 2023.
- Include **Curricula Vitae** for Principal Investigator and each primary project partner identified in the application. This should include, if applicable, any post-docs and/or graduate students. NOTE: Curricula vitae do not count towards page limit set above.
  - Include titles, qualifications, a summary of similar work/studies performed, a resume for each professional, and a statement indicating how many hours each professional will be assigned to what tasks each professional will perform.
  - Subcontractors must be disclosed up front. If you anticipate subcontracting of any kind please identify any subcontractors in your proposal and for what purpose.
- Attach **samples** (hyperlinks accepted) related to the deliverables sought in the Scope of Work and past completed work that is clearly accredited to primary project staff and partners.
- **References:** List of three professional references (clients or project partners) with:
  - Brief description and hyperlink (if available) of work completed.
  - Approximate cost and dates of service
  - Include names, postal and email addresses, and telephone numbers.

**Attachment 3: Bid/Bidder Certification Sheet**

This Bid/Bidder Certification Sheet shall be signed (original signature) and returned. By signing this Certification Sheet, the Proposer is declaring that:

- All required attachments are included with this certification sheet.
- The signature affixed hereon and dated certifies compliance with all the requirements of this solicitation.
- The signature below is the authorized signer and authorizes the verification of this certification.

1. Company Name	2. Telephone Number (    )	3. Email Address		
4. Address				
5. Indicate your organization type: <input type="radio"/> Sole Proprietorship      <input type="radio"/> Partnership      <input type="radio"/> Corporation      <input type="radio"/> Other _____				
Indicate the applicable employee and/or corporation number:				
6. Federal Employee ID No. (FEIN)	7. California Corporation			
8. Indicate applicable license and/or certification information:				
9. Bidder's Name (Print)	10. Title			
11. <b>Signature</b>	12. Date			
<p>13. Are you, or a subcontractor providing at least 25% (twenty five percent) of the work on this contract certified with the Department of General Services, Office of Small Business or Disabled Veteran Business Enterprise as:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 5px; vertical-align: top;"> <p>a. California Small Business Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter certification number: _____</p> </td> <td style="width: 50%; padding: 5px; vertical-align: top;"> <p>b. Disabled Veteran Business Enterprise Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter your service code below: _____</p> </td> </tr> </table>			<p>a. California Small Business Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter certification number: _____</p>	<p>b. Disabled Veteran Business Enterprise Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter your service code below: _____</p>
<p>a. California Small Business Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter certification number: _____</p>	<p>b. Disabled Veteran Business Enterprise Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, enter your service code below: _____</p>			
<p><b>NOTE:</b> A copy of your Certification is required to be included if either of the above items is checked <b>"Yes"</b>. Date application was submitted to OSDS, if an application is pending:</p>				

Complete the numbered items on the Bid/Bidder Certification Sheet by following the instructions below.

Item Numbers	Instructions
1, 2, 3, 4	Shall be completed. These items are self-explanatory.
5	<p>A sole proprietorship is a form of business in which one person owns all the assets of the business in contrast to a partnership and corporation. The sole proprietor is solely liable for all the debts of the business.</p> <p>A partnership is a voluntary agreement between two or more competent persons to place their money, effects, labor, and skill, or some or all of them in lawful commerce or business, with the understanding that there shall be a proportional sharing of the profits and losses between them. An association of two or more persons to carry on, as co-owners, a business for profit.</p> <p>A corporation is an artificial person or legal entity created by or under the authority of the laws of a state or nation, composed, in some rare instances, of a single person and his successors, being the incumbents of a particular office, but ordinarily consisting of an association of numerous individuals.</p> <p>The other option would consist of non-sole proprietorships, partnerships, or corporations.</p>
6	Enter your federal employee tax identification number.
7	Enter your corporation number assigned by the California Secretary of State's Office. This information is used for checking if a corporation is in good standing and qualified to conduct business in California.
8	<p>Complete if your firm holds a California contractor's license. This information will be used to verify possession of a contractor's license, when required.</p> <p>Complete if your firm holds a PUC license. This information will be used to verify possession of a PUC license, when required.</p>
9, 10, 11, 12	Shall be completed. These items are self-explanatory. Signature REQUIRED.
13	If certified as a California Small Business, place a check in the "Yes" box, and enter your certification number on the line. If certified as a Disabled Veterans Business Enterprise, place a check in the "Yes" box and enter your service code on the line. If

Item Numbers	Instructions
	you are not certified to one or both, place a check in the "No" box. If your certification is pending, enter the date your application was submitted to OSBCR.

**Attachment 4: Bid/Bidder Declaration**

Complete the Bid/Bidder Declaration by following the instructions below. An electronic fillable version can be accessed through the [Department of General Services' website](#).

State of California—Department of General Services, Procurement Division  
GSPD-05-106 (REV 08/09) Verbal Version

**BIDDER DECLARATION**

**1. Prime bidder information (Review attached Bidder Declaration Instructions prior to completion of this form):**

- a. Identify current California certification(s) (MB, SB, NVSA, DVBE):  or None  (If "None," go to Item #2)
- b. Will subcontractors be used for this contract? Yes  No  (If yes, indicate the distinct element of work your firm will perform in this contract e.g., list the proposed products produced by your firm, state if your firm owns the transportation vehicles that will deliver the products to the State, identify which solicited services your firm will perform, etc.). Use additional sheets, as necessary.
- c. If you are a California certified DVBE: (1) Are you a broker or agent? Yes  No   
(2) If the contract includes equipment rental, does your company own at least 51% of the equipment provided in this contract (quantity and value)? Yes  No  N/A

**2. If no subcontractors will be used, skip to certification below. Otherwise, list all subcontractors for this contract. (Attach additional pages if necessary):**

Subcontractor Name, Contact Person, Phone Number & Fax Number	Subcontractor Address & Email Address	CA Certification (MB, SB, NVSA, DVBE or None)	Work performed or goods provided for this contract	Corresponding % of bid price	Good Standing?	51% Rental?
<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 50%; height: 30px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 50%; height: 30px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 50%; height: 30px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

**3. CERTIFICATION: By signing this form, I certify under penalty of perjury that the information provided is true and correct.**

Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_

## BIDDER DECLARATION Instructions

### All prime bidders (the firm submitting the bid) must complete the Bidder Declaration.

1.a. Identify all current certifications issued by the State of California. If the prime bidder has no California certification(s), check the line labeled "None" and proceed to Item #2. If the prime bidder possesses one or more of the following certifications, enter the applicable certification(s) on the line:

- Microbusiness (MB)
- Small Business (SB)
- Nonprofit Veteran Service Agency (NVSA)
- Disabled Veteran Business Enterprise (DVBE)

1.b. Mark either "Yes" or "No" to identify whether subcontractors will be used for the contract. If the response is "No," proceed to Item #1.c. If "Yes," enter on the line the distinct element of work contained in the contract to be performed or the goods to be provided by the prime bidder. Do not include goods or services to be provided by subcontractors.

Bidders certified as MB, SB, NVSA, and/or DVBE must provide a commercially useful function as defined in Military and Veterans Code Section 999 for DVBEs and Government Code Section 14837(d)(4)(A) for small/microbusinesses.

Bids must propose that certified bidders provide a commercially useful function for the resulting contract or the bid will be deemed non-responsive and rejected by the State. For questions regarding the solicitation, contact the procurement official identified in the solicitation.

**Note: A subcontractor is any person, firm, corporation, or organization contracting to perform part of the prime's contract.**

1.c. This Item is only to be completed by businesses certified by California as a DVBE.

(1) Declare whether the prime bidder is a broker or agent by marking either "Yes" or "No". The Military and Veterans Code Section 999.2 (b) defines "broker" or "agent" as a certified DVBE contractor or subcontractor that does not have title, possession, control, and risk of loss of materials, supplies, services, or equipment provided to an awarding department, unless one or more of the disabled veteran owners has at least 51-percent ownership of the quantity and value of the materials, supplies, services, and of each piece of equipment provided under the contract.

(2) If bidding rental equipment, mark either "Yes" or "No" to identify if the prime bidder owns at least 51% of the equipment provided (quantity and value). If not bidding rental equipment, mark "N/A" for "not applicable."

2. If no subcontractors are proposed, do not complete the table. Read the certification at the bottom of the form and complete "Page \_\_\_\_ of \_\_\_\_" on the form.

If subcontractors will be used, complete the table listing all subcontractors. If necessary, attach additional pages and complete the "Page \_\_\_\_ of \_\_\_\_" accordingly.

### 2. (continued) Column Labels

**Subcontractor Name, Contact Person, Phone Number & Fax Number**—List each element for all subcontractors.

**Subcontractor Address & Email Address**—Enter the address and if available, an Email address.

**CA Certification (MB, SB, NVSA, DVBE or None)**—If the subcontractor possesses a current State of California certification(s), verify on this website ([www.eprocure.dgs.ca.gov](http://www.eprocure.dgs.ca.gov)).

**Work performed or goods provided for this contract**—Identify the distinct element of work contained in the contract to be performed or the goods to be provided by each subcontractor. Certified subcontractors must provide a commercially useful function for the contract. (See paragraph 1.b above for code citations regarding the definition of commercially useful function.) If a certified subcontractor is further subcontracting a greater portion of the work or goods provided for the resulting contract than would be expected by normal industry practices, attach a separate sheet of paper explaining the situation.

**Corresponding % of bid price**—Enter the corresponding percentage of the total bid price for the goods and/or services to be provided by each subcontractor. Do not enter a dollar amount.

**Good Standing?**—Provide a response for each subcontractor listed. Enter either "Yes" or "No" to indicate that the prime bidder has verified that the subcontractor(s) is in good standing for all of the following:

- Possesses valid license(s) for any license(s) or permits required by the solicitation or by law
- If a corporation, the company is qualified to do business in California and designated by the State of California Secretary of State to be in good standing
- Possesses valid State of California certification(s) if claiming MB, SB, NVSA, and/or DVBE status

**51% Rental?**—This pertains to the applicability of rental equipment. Based on the following parameters, enter either "N/A" (not applicable), "Yes" or "No" for each subcontractor listed.

Enter "N/A" if the:

- Subcontractor is NOT a DVBE (regardless of whether or not rental equipment is provided by the subcontractor) or
- Subcontractor is NOT providing rental equipment (regardless of whether or not subcontractor is a DVBE)

Enter "Yes" if the subcontractor is a California certified DVBE providing rental equipment and the subcontractor owns at least 51% of the rental equipment (quantity and value) it will be providing for the contract.

Enter "No" if the subcontractor is a California certified DVBE providing rental equipment but the subcontractor does NOT own at least 51% of the rental equipment (quantity and value) it will be providing.

3. **Read the certification at the bottom of the page. An individual that is authorized to bind the firm contractually is to print their name, sign and date the form. Also, complete the "Page \_\_\_\_ of \_\_\_\_" accordingly.**

### **Attachment 5: Darfur Act Certification**

Proposers that currently, or within the previous three (3) years have had business activities or other operations outside of the United States shall complete the Darfur Act Certification.

Proposers may complete the Darfur Act Certification by following the instructions below. An electronic fillable version can be accessed through the [Department of General Services' website](#).

Public Contract Code Sections 10475 -10481 applies to any company that currently or within the previous three years has had business activities or other operations outside of the United States. For such a company to bid on or submit a proposal for a State of California contract, the company must certify that it is either a) not a scrutinized company; or b) a scrutinized company that has been granted permission by the Department of General Services to submit a proposal.

If your company has not, within the previous three years, had any business activities or other operations outside of the United States, you do not need to complete this form.

OPTION #1 - CERTIFICATION

If your company, within the previous three years, has had business activities or other operations outside of the United States, in order to be eligible to submit a bid or proposal, please insert your company name and Federal ID Number and complete the certification below.

I, the official named below, CERTIFY UNDER PENALTY OF PERJURY that a) the prospective proposer/bidder named below is not a scrutinized company per Public Contract Code 10476; and b) I am duly authorized to legally bind the prospective proposer/bidder named below. This certification is made under the laws of the State of California.

<i>Company/Vendor Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	
<i>Printed Name and Title of Person Signing</i>	
<i>Date Executed</i>	<i>Executed in the County and State of</i>

OPTION #2 – WRITTEN PERMISSION FROM DGS

Pursuant to Public Contract Code section 10477(b), the Director of the Department of General Services may permit a scrutinized company, on a case-by-case basis, to bid on or submit a proposal for a contract with a state agency for goods or services, if it is in the best interests of the state. If you are a scrutinized company that has obtained written permission from the DGS to submit a bid or proposal, complete the information below.

We are a scrutinized company as defined in Public Contract Code section 10476, but we have received written permission from the Department of General Services to submit a bid or proposal pursuant to Public Contract Code section 10477(b). A copy of the written permission from DGS is included with our bid or proposal.

<i>Company/Vendor Name</i>  <i>(Printed)</i>	<i>Federal ID Number</i>
<i>Initials of Submitter</i>	
<i>Printed Name and Title of Person Initialing</i>	

**Attachment 6: Disabled Veteran Business Enterprise Declarations (STD 843)**

Proposer shall complete the Disabled Veteran Business Enterprise Declarations (STD 843) if a Disabled Veteran Business Enterprise (DVBE) contractor or subcontractor will provide materials, supplies, services, or equipment. An electronic fillable version can be accessed through the [Department of General Services' website](#).

STATE OF CALIFORNIA – DEPARTMENT OF GENERAL SERVICES PROCUREMENT DIVISION

**DISABLED VETERAN BUSINESS ENTERPRISE DECLARATIONS**

STD. 843 (Rev. 5/2006)

**Instructions:** The disabled veteran (DV) owner(s) and DV manager(s) of the Disabled Veteran Business Enterprise (DVBE) must complete this declaration when a DVBE contractor or subcontractor will provide materials, supplies, services or equipment [Military and Veterans Code Section 999.2]. Violations are misdemeanors and punishable by imprisonment or fine and violators are liable for civil penalties. All signatures are made under penalty of perjury.

**SECTION 1**

Name of certified DVBE: \_\_\_\_\_ DVBE Ref. Number: \_\_\_\_\_

Description (materials/supplies/services/equipment proposed): \_\_\_\_\_

Solicitation/Contract Number: \_\_\_\_\_ SCPRS Ref. Number: \_\_\_\_\_  
(FOR STATE USE ONLY)

**SECTION 2**

**APPLIES TO ALL DVBEs. Check only one box in Section 2 and provide original signatures.**

- I (we) declare that the DVBE is not a broker or agent, as defined in Military and Veterans Code Section 999.2 (b), of materials, supplies, services or equipment listed above. Also, complete Section 3 below if renting equipment.
- Pursuant to Military and Veterans Code Section 999.2 (f), I (we) declare that the DVBE is a broker or agent for the principal(s) listed below or on an attached sheet(s). (Pursuant to Military and Veterans Code 999.2 (e), State funds expended for equipment rented from equipment brokers pursuant to contracts awarded under this section shall not be credited toward the 3-percent DVBE participation goal.)

All DV owners and managers of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Owner/Manager)	(Signature of DV Owner/ Manager)	(Date Signed)
(Printed Name of DV Owner/Manager)	(Signature of DV Owner/Manager)	(Date Signed)

Firm/Principal for whom the DVBE is acting as a broker or agent: \_\_\_\_\_  
(If more than one firm, list on extra sheets.) (Print or Type Name)

Firm/Principal Phone: \_\_\_\_\_ Address: \_\_\_\_\_

**SECTION 3**

**APPLIES TO ALL DVBEs THAT RENT EQUIPMENT AND DECLARE THE DVBE IS NOT A BROKER.**

- Pursuant to Military and Veterans Code Section 999.2 (c), (d) and (g), I am (we are) the DV(s) with at least 51% ownership of the DVBE, or a DV manager(s) of the DVBE. The DVBE maintains certification requirements in accordance with Military and Veterans Code Section 999 et. seq.
- The undersigned owner(s) own(s) at least 51% of the quantity and value of each piece of equipment that will be rented for use in the contract identified above. I (we), the DV owners of the equipment, have submitted to the administering agency my (our) personal federal tax return(s) at time of certification and annually thereafter as defined in *Military and Veterans Code 999.2, subsections (c) and (g)*. Failure by the disabled veteran equipment owner(s) to submit their personal federal tax return(s) to the administering agency as defined in *Military and Veterans Code 999.2, subsections (c) and (g)*, will result in the DVBE being deemed an equipment broker.

Disabled Veteran Owner(s) of the DVBE (attach additional pages with signature blocks for each person to sign):

(Printed Name)	(Signature)	(Date Signed)
(Address of Owner)	(Telephone)	(Tax Identification Number of Owner)

Disabled Veteran Manager(s) of the DVBE (attach additional pages with sufficient signature blocks for each person to sign):

(Printed Name of DV Manager)	(Signature of DV Manager)	(Date Signed)

**Attachment 7: California Civil Rights Laws Certification**

Complete the California Civil Rights Laws Certification by following the instructions below. An electronic fillable version can be accessed through the [Department of General Services' website](#).

**CALIFORNIA CIVIL RIGHTS LAWS CERTIFICATION**

Pursuant to Public Contract Code section 2010, if a bidder or proposer executes or renews a contract over \$100,000 on or after January 1, 2017, the bidder or proposer hereby certifies compliance with the following:

1. CALIFORNIA CIVIL RIGHTS LAWS: For contracts over \$100,000 executed or renewed after January 1, 2017, the contractor certifies compliance with the Unruh Civil Rights Act (Section 51 of the Civil Code) and the Fair Employment and Housing Act (Section 12960 of the Government Code); and
  
2. EMPLOYER DISCRIMINATORY POLICIES: For contracts over \$100,000 executed or renewed after January 1, 2017, if a Contractor has an internal policy against a sovereign nation or peoples recognized by the United States government, the Contractor certifies that such policies are not used in violation of the Unruh Civil Rights Act (Section 51 of the Civil Code) or the Fair Employment and Housing Act (Section 12960 of the Government Code).

**CERTIFICATION**

I, the official named below, certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  <i>Proposer/Bidder Firm Name (Printed)</i>	<i>Federal ID Number</i>
<i>By (Authorized Signature)</i>	
<i>Printed Name and Title of Person Signing</i>	
<i>Date Executed</i>	<i>Executed in the County and State of</i>