



**Wildfire Risk Modeling and Long-Term PSPS Strategy and Implementation**  
**REQUEST FOR PROPOSAL**  
**RFP No. 102824-57**

**Background/Scope of Work**

Hawaiian Electric seeks to develop and implement new wildfire risk modeling tools to better understand wildfire risk areas, the probability of ignition, and impact of wildfire consequences to communities. These wildfire risk modeling tools will enable Hawaiian Electric to consider various wildfire mitigations for each elevated risk area to reduce the risk of wildfires, including enhanced inspections and vegetation management, system hardening, grid design, situational awareness, and operational strategies and practices, including updated plans to implement and minimize the consequences of PSPS for customers. Specifically, this RFP requests bids for the following scope components:

- Wildfire risk planning model to support wildfire mitigation planning, such as prioritization of wildfire safety strategies.
- Wildfire risk forecasting model to support real-time operational decision-making, including PSPS.
- Development of a long-term PSPS strategy, multi-year roadmap, and implementation of roadmap up to and including year 2.
- Development and implementation of high fire risk area (“HFRA”) analysis and maps.
- Weather station siting analysis to support PSPS and fire weather forecasting.

**Evaluation Criteria**

The Bidders’ proposals shall be assessed primarily based on the following Company’s pre-determined evaluation criteria:

KEY FACTOR	COMPONENT
<b>Commercial</b>	Bid Cost
	Financial Stability - D&B Rating, Lawsuits, judgements, Liens, Funding
<b>Technical</b>	Implementation Timeline
	Wildfire risk planning model to support wildfire mitigation planning, such as prioritization of wildfire safety strategies
	Wildfire risk forecasting model to support real-time operational decision-making, including PSPS
	Development of a long-term PSPS strategy, multi-year roadmap, and implementation of roadmap up to and including year 2
	Development and implementation of high fire risk area (“HFRA”) analysis and maps
	Weather station siting analysis to support PSPS and fire weather forecasting
	Maintenance and Support
<b>Contractual</b>	Agreement with the Company's terms & conditions
	IA Risk Assessment

**Requirements**

The following requirements must be met prior to the issuance of the RFP package to the Bidders:

1. Intent to Bid (ITB) form – The Bidder must complete the ITB form and should be submitted by 2PM HST on Wednesday, October 16, 2024.
2. Non-Disclosure Agreement (NDA) – To protect the confidentiality of the RFP, the Company requires the execution of the Company’s standard Non-Disclosure Agreement. The interested Bidder needs to review and sign the NDA, *preferably with no exceptions*. The NDA will be provided upon receipt of the ITB form.

All documents and questions can be sent to Cherry Schultz (PCM) at [cherrymae.schultz@hawaiianelectric.com](mailto:cherrymae.schultz@hawaiianelectric.com).



### Intent to Submit Bid Form

BIDDER must complete this form and return it via email by **2 PM HST, Wednesday, October 16, 2024.**

If no proposal will be submitted, then the reason must be indicated by completing the requested data below. In addition, the inquiry documents must be returned with the completed form. Failure to comply may render the Bidder ineligible for future solicitations for the type of material(s) or service(s) involved.

Electronically submit (via email) the completed form to:

**Cherry Schultz, Purchasing Contract Manager**  
[cherrymae.schultz@hawaiianelectric.com](mailto:cherrymae.schultz@hawaiianelectric.com)

Receipt of Request for Proposal No. **102824-57** covering the **development and implementation of wildfire risk modeling and PSPS strategies.**

Receipt of Request for Proposal is hereby acknowledged, and we  will,  will not, submit a proposal on or before the due date specified.

If a proposal will be submitted, then identify the RFP elements that the Bidder proposal will include:

- a.  Wildfire risk planning model to support wildfire mitigation planning, such as prioritization of wildfire safety strategies.
- b.  Wildfire risk forecasting model to support real-time operational decision-making, including PSPS.
- c.  Development of a long-term PSPS strategy, multi-year roadmap, and implementation of roadmap up to and including year 2.
- d.  Development and implementation of high fire risk area (“HFRA”) analysis and maps.
- e.  Weather station siting analysis to support PSPS and fire weather forecasting.

If a proposal will not be submitted, then check or complete the following as applicable:

- a.  Cannot comply with specifications or scope of work.
- b.  Cannot meet delivery or performance requirement.
- c.  Do not currently manufacture or sell the type of item(s) or services(s) involved.
- d.  Other: \_\_\_\_\_
- e.  We  do,  do not, desire to be considered for future solicitations for the type of item(s) or service(s) involved.

Name, address (include zip code) and telephone number (include area code) of firm:

Company Name: *Click here to enter text.*  
Address: *Click here to enter text.*  
Representative Name: *Click here to enter text.*  
Position/Title: *Click here to enter text.*  
Phone Number: *Click here to enter text.*  
FAX Number: *Click here to enter text.*  
Electronic Mail Address: *Click here to enter text.*

Signature \_\_\_\_\_ Date *enter date* \_\_\_\_\_