[PRE-PROPOSAL TITLE]

# Submitted by:

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| --- | --- | --- | --- | --- |
| **Project Role (PI, Co-PI or Co-I)** | **Name** | **Affiliation** | **Specialty** | **Participated in a CARB Research Contract previously?** |
| PI |  |  |  | **[Yes, Most recent year/No]** |
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# Proposed sub-contractors:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Role** | **Name** | **Affiliation** | **Specialty** | **Participated in a CARB Research Contract previously?** |
| Sub-C |  |  |  | **[Yes, Most recent year/No]** |
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# Conflict of Interest Requirements

Members of CARB advisory groups **may not** be signatories to the contract, be listed as completing tasks in the scope of work or communicate with CARB regarding CARB’s decision on the proposed contracts. The CARB advisory groups include:

* [AB32 Environmental Justice Advisory Committee](https://ww2.arb.ca.gov/ab-32-environmental-justice-advisory-committee)
* [AB 617 Consultation Group](https://ww2.arb.ca.gov/sites/default/files/2022-05/CG_Membership_05_2022.pdf)
* [Scientific Toxic Review Panel](https://ww2.arb.ca.gov/members-scientific-review-panel)
* [Research Screening Committee](https://ww2.arb.ca.gov/our-work/programs/research-planning/research-screening-committee)
* [Natural and Working Lands Expert Advisory Committee](https://resources.ca.gov/Initiatives/Expanding-Nature-Based-Solutions) (new, under AB 1757)

If an active CARB advisory group member makes a prohibited appearance or communication subject to Government Code section 87104 as described above, this application will not be eligible for an award.

Please verify that none of the collaborators on the research team applying for this contract are part of a CARB Advisory Group. Please check the links to the Advisory Groups above for names of individual Advisory Group members.

|  |
| --- |
| I certify that none of the research team members or collaborators contributing to this application are part of a CARB Advisory Group, nor have any CARB Advisory Group members communicated with the applying research team regarding this project. |
|  |

**Add a digital signature in the blank box above to certify that the above statement is accurate.**

# Funding Year 2024-2025 Project Solicitation List

This is a pre-proposal being submitted to the California Air Resources Board (CARB) Research Program for funding year 2024-2025 and under the following project:

|  |  |  |  |
| --- | --- | --- | --- |
| Select one | Project title | Pre-Proposal Due Date | Maximum award amount |
|  | Empowering Vulnerable Communities with Low-Cost Sensors and Air Filtration Devices | 08-12-2024 | $850,000 |
|  | Quantifying health benefits, ecosystem service benefits, and other impacts of California’s urban green spaces | 08-12-2024 | $700,000 |
|  | Exposure and health impacts of non-exhaust particles in a region with vulnerable communities exposed to higher traffic emissions | 08-12-2024 | $850,000 |

# 1. Technical Pre-Proposal

**[5-page limit. Describe approach for completing Project Tasks. Check scoring criteria and do not copy solicitation text]**

## Abstract

**[Provide a statement of the problem, objectives, main methods, expected results and benefit to the state and/or the public]**

## Introduction

## Proposed Method

**[Please describe in detail how you intend to complete the work and break it down by task number.]**

### Task 1 **[Task Name]**

### Task 2 **[Task Name]**

### Task 3 **[Task Name]**

**[…]**

### Task **[N]**

## Conclusion

[Summarize your proposed approach and explain how it will satisfy the Solicitation objectives.]

# 2. Proposed Budget

**[Since this is a pre-proposal, this does NOT need to be pre-approved by your University’s contracts and grants office. If your pre-proposal is accepted for development into a full proposal, then a more complete budget will be requested and should be submitted to both CARB and your contracts and grants office for review. If more than one Subcontractor/Consultant is included in the budget, please itemize their anticipated subcontract amounts separately. Steering Committee stipends should be classified as Consultant fees.   
Please consult the** [**FAQs on the solicitation**](https://ww2.arb.ca.gov/sites/default/files/2024-04/FAQ%20for%20CARB%20Research%20Solicitation_2024_04_23.pdf) **for general information about budgeting and contracts. Generally, private subcontracting (i.e., any paid non-government partners including private universities, community-based organizations, nonprofit organizations, private companies, etc.) is limited to 25% of the total direct cost or $50,000, whichever is less. However, up to 50% of the total project budget can be subcontracted if there is a strong justification for why the expertise within the subcontract is not currently available within the UC or CSU system, or if the prime contractor holds a competitively bid solicitation for the subcontracted portion of the work. No subcontractor should receive more funding than the prime contractor. For projects including community engagement, if the areas or regions that you intend to target have community members that are multilingual, please set aside money in the budget for translation services for public meetings and for any written material you want to distribute to the community members]**

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| --- | --- | --- |
| Line Item Number | Item Description | Cost |
|  | **Direct Costs** |  |
| 1. | Labor & Employee Fringe Benefits | $0 |
| 2. | Subcontractor(s)/Consultant(s) | $0 |
| 3. | Equipment | $0 |
| 4. | Travel & Subsistence | $0 |
| 5. | Electronic Data Processing | $0 |
| 6. | Photocopying & Printing | $0 |
| 7. | Mail, Telephone, and Fax | $0 |
| 8. | Materials & Supplies | $0 |
| 9. | Analyses | $0 |
| 10. | Miscellaneous | $0 |
|  | **Total Direct Cost (Sum of lines 1-10)** | $0 |
|  | **Indirect Costs** |  |
| 11. | Overhead (Rate: 27%) | $0 |
|  | **Total Indirect Cost (Line 11)** | $0 |
|  | **Total Direct and Indirect Cost** | $0 |

# 3. Relevant Experience

**[1-page. Provide a brief statement of the team’s qualifications relevant to this project. How will the team work together to complete this project? What prior experience will be drawn on to make it a success? If there are community engagement or equity components in this project, please describe prior and relevant experience and outcomes, community contacts and anything relevant that will be leveraged during the project.]**

# 4. Curriculum Vitae

**[No page limit. Curriculum Vitae or Statement of Qualifications for all key personnel. You may attach a complete CV or provide an abridged version that includes name, contact information, current title and affiliation, educational history, employment, and affiliation history, the top 10 peer reviewed publications relevant to this project, a list of completed and on-going funding sources and list of activities relevant to this pre-proposal topic. Proposers are encouraged to provide a brief description of each team member's qualifications as applicable to this project with each CV.]**

# 5. Cultural Competency Statement (if required)

**[For proposals that require a Cultural Competency Statement, please answer the following questions within 2 pages.**

**1. Discuss your research team’s perspective(s) on equity in knowledge production, especially in the context of doing research with and/or about marginalized communities. How does your team situate your research work in non-academic (policy, cultural, public, etc.) domains?**

**2. Describe your research team’s approach and practices to support self-evaluation and self-critique, the ways the team examines your beliefs and cultural identities, and how these relate to your ongoing research work and work proposed here.**

**3. How does your research team consider and address power dynamics in your work? How does your research team cultivate supportive and equitable relationships with academic and non-academic research partners and research subjects? Describe your team’s specific approach, actions, and accountability measures. What are your team’s practices to protect against harmful and/or extractive relationships?]**

**4. How does your research team evaluate communication style, communication clarity and communication integrity? How do you ensure proper representation of your research and its long-term impacts on communities and the public?**