**[PRE-PROPOSAL TITLE]**

**Submitted by: [PRINCIPAL INVESTIGATOR (PI) NAME]**

**[PI AFFILIATION]**

**[CO-PI NAME]**

**[CO-PI AFFILIATION]**

**(LIST ALL CO-PIS SIMILARLY)**

**Proposed sub-contractors: [LIST OF PROPOSED SUB-CONTRACTORS]**

This is a pre-proposal being submitted to the California Air Resources Board (CARB) Research Program for funding year 2021-2022 and under the following project:

|  |  |  |  |
| --- | --- | --- | --- |
| Select one | Project number | Project title | Maximum award amount |
|  | 1 | Expanding Health Analysis | $1,000,000.00  |
|  | 2 | Examining the health impacts of short-term repeated exposure to wildfire smoke | $500,000.00  |
|  | 3 | Improved Assessment and Tracking of Health Impacts for California Communities Most Burdened by Pollution | $500,000.00  |
|  | 4 | Partnering on a Collaborative Community-Focused Research Path in the Imperial Valley | $75,000.00  |
|  | 5 | Framework for Collecting and Updating Time-Activity Patterns | $25,000.00  |
|  | 6 | Demonstration of Sensor Technologies for On-Road and Off-Road Heavy-Duty Diesel Vehicles | $750,000.00  |
|  | 7 | High spatiotemporal resolution PM2.5 speciation exposure modeling in California | $300,000.00  |
|  | 8 | Understanding the Sources and Formation Regimes of Present-Day PM2.5 to Mitigate Particulate Pollution in California | $500,000.00  |
|  | 9 | Opportunities to Address Past Inequity to Build Healthier, More Sustainable Communities | $300,000.00  |
|  | 10 | Alignment of Planned Transportation Investments with Climate and Equity Goals | $200,000.00  |
|  | 11 | Pathways to Increasing California Freight System Efficiency | $25,000.00  |

Include the pre-proposal title, PI last name, and PI affiliation in the header of the document. All **red text** needs to be filled in with your own text and all **blue text** needs to be deleted.

**[Pre-Proposal – Limit to 5 pages, 1 inch margin on all sides, arial test, size 11 font. Include as many graphics and pictures as you would like. Tip: 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 2

Task 3

Task **[N]**

**Conclusion**

**[The end of the conclusion is the end of the 5-page pre-proposal. It is recommended that all final materials for your application be compiled into one PDF document for submission.]**

**Proposed Budget [This does NOT need to be pre-approved by your University’s contracts and grants office since this is only a pre-proposal. 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 budget office for review. Please consult the FAQ document on CARB’s solicitation page for general questions on budgeting and contracts.]**

|  |  |  |
| --- | --- | --- |
| Line Item Number | Line Item | Cost Associated with Line Item |
| 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 Costs | $0 |
|  | Total Indirect Costs | $0 |
| 11. | Overhead (Rate: 25%) | $0 |
|  | Total Indirect Cost | $0 |
|  | Total Direct and Indirect Cost | $0 |

**[No page limit. Curriculum Vitae or Statement of Qualifications for all team members. 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. A brief statement from each team member describing their unique qualifications as applicable to this project would be appreciated.]**

**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, community contacts and anything relevant that will be leveraged during the project.]**

**[IF REQUIRED, LIMIT TO 1 PAGE] Cultural Competency Statement**

**[Discuss prior engagement efforts and lessons learned from those experiences.]**

**[General guidance: In the context of the proposal discuss the following:**

* **What differences in cultural background and socioeconomic status exist between the researcher and communities being engaged with?**
* **What language barriers may exist?**
* **What power dynamics exist that could influence the interaction between the researcher and community members?**
* **Acknowledge these differences and discuss how the project team will ensure community members are heard and how their expertise and priorities will be centered throughout the project.]**