



VEHICLE ATTRIBUTES

California Energy Commission

Request for Proposals

RFP # 600-12-602

Pre-Bid Conference

Date: November 30, 2012



Proposal Requirements

Required Format For A Proposal

- ❖ Consists of Two Volumes
 - VOLUME 1
 - Section 1 - Administrative Response
 - Section 2 – Technical Response
 - VOLUME 2 – Cost Proposal



Volume 1, Section 1 Administrative Response

Each Bidder must complete the following and include in Volume 1, Section 1:

- Cover Letter
- Table of Contents
- Contractor Status Form
- Small Business Certification (if applicable)
- Darfur Contracting Act Form
- Completed DVBE Forms – Std. 843 and GSPD-05-105
- Signed Contractor Certification Clauses



Volume 1, Section 1 Administrative Response

- Target Area Contract Preference Act (TACPA) Request Forms *(if applicable)*
- Enterprise Zone Act (EZA) Preference Request Forms *(if applicable)*
- Local Agency Military Base Recovery Area (LAMBRA) Act Forms *(if applicable)*



Volume 1, Section 2 Technical Response

Each Bidder must complete the following and include in Volume 1, Section 2:

- Approach to Tasks in Scope of Work
- Organizational Structure
- Relevant Experience and Qualifications
- Labor Hours by Personnel and Task
- Client References
- Hypothetical Questions
- Previous Work Products



Volume 2 – Cost Bid **(Sealed Separately From Volume 1)**

Every Bidder must complete the following budget forms found in Attachment 7 of the solicitation and include in Volume 2:

- Task Summary – Att B-1
- Category Summary - Att B-2
- Prime Labor Rates -Att B-3
- Labor Rates for each Subcontractor - Att B-3a-z
- Prime Non-Labor Rates - Att B-4
- Non-Labor Rates for each Subcontractor - Att B-4a-z
- Direct Operating Expenses - Att B-5



Small/Micro Business and Non-Small Business Preference

- Small Business Preference – Certified Small Businesses or microbusinesses can claim the five percent preference when submitting a proposal. See RFP, page 33 and Attachment 3.1 for more information.
- Non-Small Business Preference – Bidders that commit to small or micro business subcontractor participation of 25% of net bid price shall receive the five percent preference. See RFP, page 33 Attachment 3.1 for more information.



Disabled Veteran Business Enterprise (DVBE) Requirements

This RFP is subject to full DVBE participation goal of three percent (3%).

- Bidder shall commit to meet or exceed the DVBE participation requirements by either of the following methods:
 - Method 1 – Bidder is a Certified DVBE and commits to performing at least 3% of the contract bid amount.
 - Method 2 – Bidder commits to using a Subcontractor that is a certified DVBE for at least 3% of the bid amount.



DVBE Incentive Program

The DVBE Incentive Program gives a contractor an opportunity to improve their bid status based on the efforts attained from the DVBE Participation Program. See RFP, page 32 and Attachment 3.1 for more information.

- The incentive computation is only applied during the evaluation process and only to responsible Bidders.
- The incentive amount for awards based on low price are as follows:
 - Participation of 3.01% - 4.99% = 1%
 - Participation of 5% or more = 2%



Tentative Key Activities and Dates

RFP Release	11/19/2012
Deadline for Written Questions *	11/30/2012
Pre-Bid Conference *	11/30/2012
Distribute Questions/Answers and Addenda (if any) to RFP	12/05/2012
Deadline to Submit Proposals by 3:00 p.m. *	12/21/2012
Clarification Interviews (If necessary)	12/26 – 12/28/2012
Notice of Proposed Award	12/28/2012
Commission Business Meeting	02/13/2012
Contract Start Date	03/15/2012
Contract Termination Date	06/30/2016



Program Overview

Fuels and Transportation Division

- Biennial Integrated Energy Policy (IEPR) Reports for the governor and legislature, including:
 - Long term forecasts
 - Policy Analysis
 - Cost Benefit Analysis
- Policy Analysis separate from the IEPR
- Processing Ad hoc Information Requests

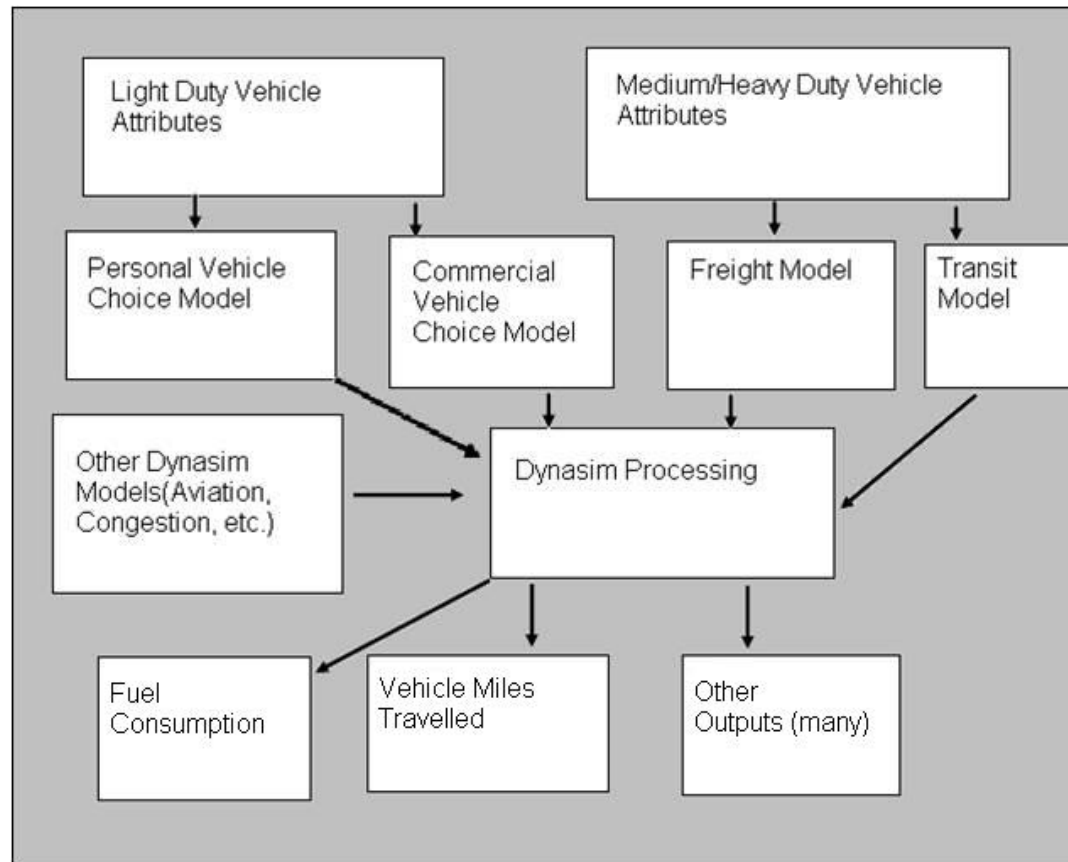


Vehicle Attributes Contract Background

- Personal Vehicle Choice and Commercial Vehicle Choice are Vehicle Demand models used by CEC
- CEC does not have a vehicle supply model; hence vehicle attribute and offering forecasts are needed
- CEC currently uses contractor services to provide these forecasts



Role of Vehicle Attributes in CEC Dynasim model





Purpose of Contract

- Provide supply-side forecasts to serve as inputs into the Dynasim fuel demand models
- Critical component of the Integrated Energy Policy Reports
- Fuel price, economic, and policy scenarios over the 2013 to 2035 time period will be incorporated
- Will be used for analysis of AB 32, AB 118, and other enacted or proposed policies



Scope of Work

Task #	Task Name
1	Agreement Management
2	2013 IEPR Historical Vehicle Attribute Data Worksheet and Forecast Vehicle Technologies Worksheet
3	2013 IEPR Vehicle Attribute Forecast Worksheet and Market Analysis Worksheet
4	2013 IEPR Vehicle Attributes Report and Presentation
5	2015 IEPR Historical Vehicle Attribute Data Worksheet Update, Vehicle Technologies Worksheet Update, and Market Analysis Worksheet Update
6	Staff Training
7	2015 IEPR Vehicle Attribute Forecast Worksheet, Presentation, and Vehicle Attributes Report



Historical Vehicle Attribute Worksheets

- Vehicle Class level data is needed
- Make and model level data is needed
- Vehicle classes will be provided by CEC
- 1992 to 2011 data needed
- Contractor shall account for any discrepancies between this deliverable and historical data from other sources
- Contractor shall provide a 2015 update



Vehicle Technologies Worksheet

- Obtain Vehicle Manufacturer Technology updates
- Analyze costs and fuel economy benefits of additional vehicle technologies
- Explain how these will be connected to the forecasts
- Explain criteria for how model will forecast supplier behavior in response to technology updates (whether manufacturers will offer these technologies)
- Document data sources
- Provide 2015 update.



Market Analysis Worksheet

- Plans to incorporate current and new vehicle technologies from 2012 to 2035
- Anticipated vehicle classes and models that manufacturers will sell from 2012 to 2035 for light, medium, and heavy duty vehicles
- Total lifetime vehicle and operating cost to the consumer or fleet user for each type of technology
- Document data sources
- Provide 2015 update. Compare actual 2013-2014 technologies with 2013 worksheet



Forecast Vehicle Attribute Worksheets

- Vehicle Class level data is needed
- Vehicle classes will be provided by CEC
- 2011 to 2035 data is needed
- Documentation, explanation, and validation of forecasting methodology is needed
- 2015 update incorporating 2013-2015 events will be needed



Staff Training

- Train CEC staff on methodology and equations used to provide forecasts
- Provide CEC staff with all equations and model inputs used in vehicle attribute forecasts
- Train CEC staff to, using these equations and inputs, independently replicate model results
- Software Purchases are not within the scope of this contract
- Confidentiality Requests shall be submitted with proposals. The proposals themselves shall not be deemed confidential. Any information not deemed confidential may be released to the public.



Vehicle Attributes Reports

- Details of how forecasts are affected by different scenarios
- Validation Process
- Expected availability and market penetration schedules of alternative fuel vehicles
- Limitations of forecasts
- Costs, Fuel Savings, and Payback periods of fuel efficiency technologies and alternative fuel vehicles compared
- Report will be needed in 2013 and 2015



Public Workshop Participation

- Model explanation easily understandable by a lay member of the public
- Explanation of how recent events and legislation such as federal fuel economy regulations, recent economic changes, and the Low Carbon Fuel Standard (LCFS) are incorporated
- Responses to questions and criticisms from workshop participants



2013 IEPR Critical Deadlines

Deliverable	Due Date
<ul style="list-style-type: none"> 2013 IEPR Draft Forecast Vehicle Technologies Worksheet 2013 IEPR Final Forecast Vehicle Technologies Worksheet 	<p>April 5, 2013</p> <p>April 12, 2013</p>
<ul style="list-style-type: none"> 2013 IEPR Draft Forecast Vehicle Attribute Worksheet 2013 IEPR Final Forecast Vehicle Attribute Worksheet 	<p>April 19, 2013</p> <p>April 30, 2013</p>
<ul style="list-style-type: none"> 2013 IEPR Draft Market Analysis Worksheet 2013 IEPR Final Market Analysis Worksheet 	<p>May 17, 2013</p> <p>May 28, 2013</p>
<ul style="list-style-type: none"> Draft 2013 IEPR Vehicle Attributes Report Final 2013 IEPR Vehicle Attributes Report 	<p>July, 2013</p> <p>November, 2014</p>



Questions and Answers

Question and Answer Session



Whom to Contact?

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