

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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<http://ppmoe.dot.ca.gov/des/oe/>*Making Conservation  
a California Way of Life.*

February 23, 2022

08-SBd-215-10.0/17.2

08-1M1104

Project ID 0821000078

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN BERNARDINO COUNTY FROM 0.1 MILE NORTH OF 27TH STREET TO 0.1 MILE SOUTH OF DEVORE ROAD to revise the *Notice to Bidders and Special Provisions*.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Tuesday, March 1, 2022.

In the *Notice to Bidders and Special Provisions*, in the "SPECIAL NOTICES," the following Special Notices are added as follows:

- See sections 5-1.33 and 7-1.02C for using tier 4 interim or tier 4 final off road diesel-fueled equipment requirements.
- See section 10-5 for dust control requirements of a Public Safety Plan."

In the Special Provisions, Section 5-1.33 is added as attached.

In the Special Provisions, Section 7-1.02C is added as attached.

In the Special Provisions, Section 10-5 is added as attached.

To *Bid* book holders:

Inquiries or questions about this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website:

**<http://ppmoe.dot.ca.gov/des/oe/electronic-bidding.html>**

Inform subcontractors and suppliers as necessary.

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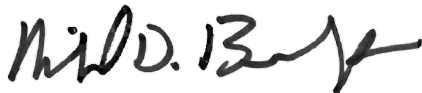
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This addendum and its attachments are available for the Contractors download on the website:

**<http://ppmoe.dot.ca.gov/des/oe/weekly-ads/addendum.php?id=08-1M1104>**

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael D. Beauchamp".

MICHAEL D. BEAUCHAMP  
District 8 Director

Attachments

**Add to the end of section 5-1.33:**

You must use tier 4 interim or tier 4 final engines for off-road diesel-fueled vehicles subject to 13 CA Code of Regs § 2449 instead of the use of lowered tiered engines. However, the requirement to use tier 4 interim or tier 4 final engines does not apply to vehicles registered to operate on public roads when those vehicles are used solely to deliver materials or supplies to the job site.

For off-road diesel-fueled vehicles subject to 13 CA Code of Regs§ 2449:

1. At least 15 days before use of vehicles submit an inventory list to the Engineer and tier4@dot.ca.gov for authorization. The list must include the following information for each vehicle:
  - 1.1. Diesel off-road on-line reporting system (DOORS) identification number issued to the vehicle owner by the California Air Resources Board
  - 1.2. Company or agency name associated with the DOORS identification number
  - 1.3. California Air Resources Board issued equipment identification number for the vehicle
  - 1.4. Vehicle product identification number as listed in DOORS
  - 1.5. Corresponding identifying number required in this section
  - 1.6. Serial number
  - 1.7. Vehicle type
  - 1.8. Vehicle manufacturer, model number and model year
  - 1.9. Number of engines as indicated in DOORS
  - 1.10. For each engine:
    - 1.10.1. Serial number
    - 1.10.2. Manufacturer name, model, and model year
    - 1.10.3. Maximum horsepower
    - 1.10.4. EPA issued engine family name
    - 1.10.5. Engine displacement in liters
    - 1.10.6. California Air Resources Board issue executive order for the engine family from the off-road certification database. For the database go to the California Air Resources Board website: <https://www.arb.ca.gov/msprog/offroad/cert/cert.php>
    - 1.10.7. Emission standard category for the engine family, such as tier 4 interim or tier 4 final
    - 1.10.8. Photograph of the engine label
2. Submit an updated inventory list at least 5 business days before using a vehicle not on the list or replacing a vehicle on the list for authorization. Allow 5 business days for review.

Flexibility engines certified under the California Air Resources Board's flexibility program provisions are noncompliant engines unless a previously issued executive order for that engine family indicates the emission standard category is tier 4 interim. You may access these executive orders at the California Air Resources Board website: <https://www.arb.ca.gov/msprog/offroad/cert/cert.php> For example:

Executive Order U-R-002-0747 was issued on March 16, 2020, for Flexibility Program Engine Family Name "DCEXL15.0AAK," a Cummins Inc. 2020 model engine. Executive Order U-R-002-0592-2 issued on December 30, 2013, for Engine Family DCEXL15.0AAK indicates the "Emission Standard Category" is tier 4 interim. Use of Engine Family "DCEXL 15.0AAK is compliant.

If you operate a vehicle that is noncompliant with these requirements, the Department deducts a \$2000 penalty for each noncompliant engine for each day of operation.

**Replace the paragraphs of section 7-1.02C with:**

Submit to the Department the following certifications before performing the work:

I am aware of the emissions reduction regulations being mandated by the California Air Resources Board. I will comply with such regulations before commencing the performance of the work and maintain compliance throughout the duration of this Contract.

I am aware of the requirements to use tier 4 interim or tier 4 final engines under section 5-1.33 and I will comply with the requirements. I am aware that the Department deducts a \$2,000 penalty for each noncompliant engine for each day of operation.

Contract signing constitutes submittal of these certifications.

**Replace section 10-5 with:  
10-5 DUST CONTROL**

**10-5.01A GENERAL**

**10-5.01A(1) Summary**

Section 10-5 includes specifications for controlling dust resulting from the work.

Prevent and alleviate dust by:

1. Applying a dust palliative under section 18
2. Applying temporary soil stabilization under section 13-5
3. Managing material stockpiles under section 13-4.03C(3)

You must have a South Coast Air Quality Management District (SCAQMD) certified dust control supervisor oversee your dust control management. The dust control supervisor must be available:

1. Within 30 minutes of the jobsite during regular work hours
2. On the jobsite when dust producing activities are being conducted

**10-5.01A(2) Definitions**

**material pile:** An accumulation of bulk material, construction or demolition debris, excavated material or stockpile

**sensitive receptor:** Any residence, office, commercial or industrial building, school (kindergarten through grade 12), licensed daycare center, hospital, clinic, convalescent home, park, hiking trail or campground

**10-5.01A(3) Notification**

**10-5.01A(3)(a) Public Notification**

Deliver copies of the public notification letter to residences and businesses within 1000 feet of an area of public exposure to the dust source activity at least 21 days before starting activities that may generate dust.

**10-5.01A(3)(b) SCAQMD Notification**

Notify the SCAQMD Executive Officer by mail with the SCAQMD notification letter certificate at least 14 days before starting work that may generate dust.

**10-5.01A(4) Submittals**

**10-5.01A(4)(a) Dust Control Certificate**

Submit your dust control supervisor's SCAQMD dust control class certificate at least 14 days before starting work as an informational submittal. The certificate must remain valid through the life of the contract.

**10-5.01A(4)(b) Public Notification Letter**

Submit a public notification letter for dust control signed by your dust control supervisor to the Engineer. Include a list of delivery addresses and posting locations. The letter must:

1. Describe the work to be performed that could generate dust
2. Include dust control supervisor name, Contractor name, phone number and email address where dust complaints can be filed
3. Estimated duration of the project including start and completion of construction
4. Location of the project including an address and map
5. Include language that their complaint will be addressed immediately and response provided within 24 hours
6. Include language "If the complaint is not adequately resolved contact South Coast Air Quality Management District at 1 (800) 288-7664"

**10-5.01A(4)(c) SCAQMD Notification Letter**

Submit a copy of the SCAQMD notification letter to the Engineer as an informational submittal at least 10 days before starting work.

The SCAQMD notification letter must include the following:

1. Contractor Name, address, telephone number, email address
2. Dust control supervisor Name
3. Location of construction project including a map
4. Duration of construction project including start date and anticipated completion date
5. List of rock crushing and grinding equipment
6. List of powered equipment with the potential to generate dust including CARB portable equipment registration program (PERP)

**10-5.01A(4)(d) Dust Control Monthly Report**

Submit a monthly report for dust complaints by the 5th of the following month.

**10-5.01A(3)(e) Dust Control Record Keeping**

Submit daily records documenting potential dust activities within 2 business days.

**10-5.01A(5) Quality Assurance**

The dust control supervisor must be certified by the SCAQMD compliance training class for dust control. class information is available at

<http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust#>

**10-5.01B MATERIALS**

Not Used

**10-5.01C CONSTRUCTION****10-5.01C(1) General**

Post copies of the public notification letter at publicly accessible locations close to the jobsite 7 days before dust source activity begins.

**10-5.01C(2) Dust Control Supervisor Duties**

The dust control supervisor must oversee dust control management on the project. The dust control supervisor must provide a public notification letter and SCAQMD notification letter and ensure the following dust control measures are followed:

**10-5.01C(2)(a) Control Measures**

Use the following control measures to prevent fugitive dust or visible emissions in active work areas when the operation, material pile, or equipment location is located within 1,000 feet of a sensitive receptor:

Crushing or grinding; aggregate operations	Stabilize aggregate material piles after crushing and grinding by applying dust palliative or a temporary cover
Earth moving activities; construction demolition; disturbed surface areas	Apply dust palliative as necessary to prevent visible emissions during vehicle operation
Construction vehicle dust	Apply dust palliative as necessary to prevent visible emissions during vehicle operation  Limit vehicle speed to 15 miles per hour on jobsite roadways  Cover frequently traveled unpaved roads and unpaved parking areas with low silt content material (asphalt, concrete) or gravel a minimum depth of 4 inches  Treat unpaved roads with dust suppressant, mulch, or other cover to maintain a stabilized surface  Remove dust from paved roadways and construction vehicles as required to prevent track out or entrained dust by washing, vacuum sweeping, broom sweeping or other mechanical methods that do not generate fugitive dust
Material and waste piles	Maximum height of 20 feet.  Cover material piles with a temporary cover or apply dust suppressant not less than twice per hour to maintain a stabilized surface and prevent visible emissions

**10-5.01C(2)(b) Dust Control Record Keeping**

Keep daily records documenting potential dust activities including:

1. Type of activity conducted and the associated permitted and unpermitted power equipment with potential to generate dust
2. Dust control measures taken for each activity or equipment
3. Frequency of dust control measures.

**10-5.01C(2)(c) Dust Control Monthly Report**

Keep daily records to include in the monthly report for dust complaints including:

1. Name and address of the complainant
2. Date, time, and nature of the complaint
3. Name of the person who received the complaint
4. Record of the complaint investigation
5. Actions taken in resolution of the complaint

**10-5.01D Payment**

The Department pays \$500 for each dust control monthly report.

The Department does not adjust the unit price for an increase or decrease in the dust control monthly report quantity.