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Be energy efficient!*

May 9, 2008

01-Men-1-15.3/20.8
01-484804

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in MENDOCINO COUNTY IN AND NEAR POINT ARENA FROM MAIN STREET TO BRUSH CREEK BRIDGE.

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 May 21, 2008.

This addendum is being issued to revise the Notice to Contractors and Special Provisions.

In the Special Provisions, Section 10-1.14, "HOT MIX ASPHALT," is replaced as attached.

In the Special Provisions, Section 10-1.15, "HOT MIX ASPHALT OPEN GRADED FRICTION COURSE," is replaced as attached.

To Proposal and Contract book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the NOTICE TO CONTRACTORS section of the Notice to Contractors and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

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This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

If you are not a Proposal and Contract 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,

ORIGINAL SIGNED BY

CHARLES C. FIELDER
District Director

Attachments

10-1.14 HOT MIX ASPHALT

GENERAL

Summary

This work includes producing and placing hot mix asphalt (HMA) Type A mixed with a warm mix asphalt product using the Standard process.

Comply with Section 39, "Hot Mix Asphalt," of the Standard Specifications.

This project is a pilot project to evaluate the construction and performance of hot mix asphalt (Type A) using warm mix asphalt technologies. No substitute process or materials will be allowed. No cost reduction proposals will be allowed.

Do not produce hot mix asphalt (Type A) mixed with a warm mix asphalt product using reclaimed asphalt pavement (RAP).

Choose one product from the following warm mix asphalt products or an equivalent:

Product Name: Eyotherm
Producer Name: MeadWestVaco Corporation
Contact: Wade Miller
Phone Number: (949) 495-4822

Product Name: Aspha-Min
Producer Name: PQ Corporation
Contact: Ed Myszak or Annette Smith
Phone Number: (610) 651-4567 or (610) 651-4469

Product name: Sasobit
Producer name: Sasol Wax Americas, Inc.
Contact: Larry Michael
Phone Number: (310) 745-3334

Before producing hot mix asphalt (Type A) mixed with warm mix asphalt product, submit in writing to the Engineer the name and information for the warm mix asphalt product to be used.

Pre-Operation Conference

Meet with the Engineer at a pre-operation conference, at a mutually agreed time, to discuss methods of accomplishing all phases of the production, placement, contingency planning, and standards of workmanship for the completed item of work.

Provide the facility for the pre-operation conference. The project manager and superintendent, warm mix technical representative, paving subcontractor, asphalt binder supplier, plant manager and operator involved with the hot mix asphalt (Type A) mixed with a warm mix asphalt product will attend the pre-operation conference. Submit a list of participants to the Engineer for approval. The complete listing will identify each participant's name, employer, title and role in construction of the warm mix asphalt.

Warm mix Asphalt Production and Placement

The warm mix asphalt product supplier must have a technical representative present during production and placement of the hot mix asphalt (Type A) mixed with a warm mix asphalt product. The technical representative will provide advice to the Engineer, Contractor and asphalt producer, and will be responsible for directing the mix operation as it relates to the warm mix asphalt product.

When you submit the Job Mix formula, also submit information regarding the products to be used, the method of addition and location of addition of the additives.

The technical representative will advise the producer regarding plant and controller modifications necessary for product delivery and proper mixing. Modifications to the plant must be in conformance with weights and measures requirements of California Test 109. Proportioning of the warm mix asphalt product will be by weight.

You must have a review of the plant to assure conformance with weights and measures requirements of California Test 109 no more than 30 days prior to production of the hot mix asphalt (Type A) with a warm mix asphalt product.

Temperatures for mixing and placing hot mix asphalt (Type A) mixes with a warm mix asphalt product will be approved by the Engineer in consultation with the Contractor and the technical representative of the warm mix asphalt product.

During production, make loose warm asphalt mix available at the plant for sampling in the quantity and at a time designated by the Engineer.

MATERIALS

The grade of asphalt binder mixed with aggregate for HMA Type A must be PG 64-16.
The aggregate for HMA Type A must comply with the 1/2-inch grading.

CONSTRUCTION

Spreading

Use a material transfer vehicle (MTV) to deliver HMA (Type A) from the truck to the paver's receiving hopper or feed system. The MTV must:

1. Remix the HMA before loading the paver
2. Be self propelled and independent of the paver
3. Have sufficient capacity to prevent stopping the paver

Vertical Joints

If you perform half-width paving, at the end of each day's work the distance between the ends of adjacent surfaced lanes must not be greater than can be completed in the following day of normal paving.

Before opening the lane to public traffic, pave shoulders and median borders adjacent to a lane being paved.

Conform Tapers

Place additional HMA along the pavement's edge to conform to road connections and private drives. Hand rake, if necessary, and compact the additional HMA to form a smooth conform taper.

MEASUREMENT AND PAYMENT

Hot mix asphalt (Type A) mixed with a warm mix asphalt product will be measured and paid for as hot mix asphalt (Type A).

10-1.15 HOT MIX ASPHALT OPEN GRADED FRICTION COURSE

GENERAL

Summary

This work includes producing and placing hot mix asphalt (HMA) open graded friction course (OGFC) mixed with a warm mix asphalt product using the Standard process.

Comply with Section 39, "Hot Mix Asphalt," of the Standard Specifications.

This project is a pilot project to evaluate the construction and performance of OGFC using warm mix asphalt technologies. No substitute process or materials will be allowed. No cost reduction proposals will be allowed.

Do not produce OGFC mixed with a warm mix asphalt product using reclaimed asphalt pavement (RAP).

Choose one product from the following warm mix asphalt products or an equivalent:

Product Name: Eyotherm
Producer Name: MeadWestVaco Corporation
Contact: Wade Miller
Phone Number: (949) 495-4822

Product Name: Aspha-Min
Producer Name: PQ Corporation
Contact: Ed Myszak or Annette Smith
Phone Number: (610) 651-4567 or (610) 651-4469

Product name: Sasobit
Producer name: Sasol Wax Americas, Inc.
Contact: Larry Michael
Phone Number: (310) 745-3334

Before producing OGFC mixed with warm mix asphalt product, submit in writing to the Engineer the name and information for the warm mix asphalt product to be used.

Pre-Operation Conference

Meet with the Engineer at a pre-operation conference, at a mutually agreed time, to discuss methods of accomplishing all phases of the production, placement, contingency planning, and standards of workmanship for the completed item of work.

Provide the facility for the pre-operation conference. The project manager and superintendent, warm mix technical representative, paving subcontractor, asphalt binder supplier, plant manager and operator involved with the OGFC mixed with a warm mix asphalt product will attend the pre-operation conference. Submit a list of participants to the Engineer for approval. The complete listing will identify each participant's name, employer, title and role in construction of the warm mix asphalt.

Warm mix Asphalt Production and Placement

The warm mix asphalt product supplier must have a technical representative present during production and placement of the OGFC mixed with a warm mix asphalt product. The technical representative will provide advice to the Engineer, Contractor and asphalt producer, and will be responsible for directing the mix operation as it relates to the warm mix asphalt product.

When you submit the Job Mix formula, also submit information regarding the products to be used, the method of addition and location of addition of the additives.

The technical representative will advise the producer regarding plant and controller modifications necessary for product delivery and proper mixing. Modifications to the plant must be in conformance with weights and measures requirements of California Test 109. Proportioning of the warm mix asphalt product will be by weight.

You must have a review of the plant to assure conformance with weights and measures requirements of California Test 109 no more than 30 days prior to production of the OGFC with a warm mix asphalt product.

Temperatures for mixing and placing OGFC mixes with a warm mix asphalt product will be approved by the Engineer in consultation with the Contractor and the technical representative of the warm mix asphalt product.

During production, make loose warm asphalt mix available at the plant for sampling in the quantity and at a time designated by the Engineer.

MATERIALS

The grade of asphalt binder mixed with aggregate for OGFC must be PG 58-34 PM.
The aggregate for OGFC must comply with the 1/2-inch grading.
Treat asphalt binder for OGFC aggregate with liquid antistrip treatment.

CONSTRUCTION

Spreading

Use a material transfer vehicle (MTV) to deliver OGFC from the truck to the paver's receiving hopper or feed system.
The MTV must:

1. Remix the OGFC before loading the paver
2. Be self propelled and independent of the paver
3. Have sufficient capacity to prevent stopping the paver

Vertical Joints

If you perform half-width paving, at the end of each day's work the distance between the ends of adjacent surfaced lanes must not be greater than can be completed in the following day of normal paving.

Before opening the lane to public traffic, pave shoulders and median borders adjacent to a lane being paved.

Conform Tapers

Place additional OGFC along the pavement's edge to conform to road connections and private drives. Hand rake, if necessary, and compact the additional OGFC to form a smooth conform taper.

MEASUREMENT AND PAYMENT

OGFC mixed with a warm mix asphalt product will be measured and paid for as hot mix asphalt (open graded).