



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 30, 2006

SUBJECT: FAP Route 313 (US 34)
Section D4 Shoulder Repair 2007
Knox County
Contract No. 68651
Item No. 93, November 17, 2006 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page i of the Table of Contents to the Special Provisions.
2. Added pages 32 - 34 to the Special Provisions.
3. Revised sheet 7 of the plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine
Engineer of Design
and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E.".

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: J. E. Crowe, Region 3, District 4; Roger Driskell; Estimates; Design & Environment File

TBW:RS:jc

TABLE OF CONTENTS

LOCATION OF PROJECT	1
DESCRIPTION OF PROJECT	1
BITUMINOUS SURFACE REMOVAL (1½")	1
BITUMINOUS CONCRETE MILLING MATERIAL	3
TRAFFIC CONTROL PLAN	3
SPEEDING PENALTY	3
RAP MATERIALS - CRUSHED STEEL SLAG	4
AGGREGATE SHIPPING TICKETS (BDE)	4
BITUMINOUS CONCRETE SURFACE COURSE (BDE)	4
BITUMINOUS EQUIPMENT, SPREADING AND FINISHING MACHINE (BDE)	5
FLAGGER VESTS (BDE)	5
MINIMUM LANE WIDTH WITH LANE CLOSURE (BDE)	6
PARTIAL PAYMENTS (BDE)	6
PAYMENTS TO SUBCONTRACTORS (BDE)	7
PAYROLLS AND PAYROLL RECORDS (BDE)	8
PERSONAL PROTECTIVE EQUIPMENT (BDE)	9
PORTABLE CHANGEABLE MESSAGE SIGNS (BDE)	9
RAP FOR USE IN BITUMINOUS CONCRETE MIXTURES (BDE)	10
STABILIZED SUBBASE AND BITUMINOUS SHOULDERS SUPERPAVE (BDE)	14
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)	19
SUPERPAVE BITUMINOUS CONCRETE MIXTURES (BDE)	20
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)	26
TRUCK BED RELEASE AGENT (BDE)	27
WEIGHT CONTROL DEFICIENCY DEDUCTION	27
WORK ZONE PUBLIC INFORMATION SIGNS (BDE)	28
WORK ZONE SPEED LIMIT SIGNS (BDE)	29
WORK ZONE TRAFFIC CONTROL DEVICES (BDE)	29
WORKING DAYS (BDE)	31
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)	32

Revised 10/30/2006

BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)

Effective: November 2, 2006

Revised: January 2, 2007

Description. For projects with at least 1200 tons (1100 metric tons) of work involving applicable bituminous materials, cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and pavement preservation type surface treatments. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, or joint filling/sealing.

The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

Method of Adjustment. Bituminous materials cost adjustments will be computed as follows.

$$CA = (BPI_P - BPI_L) \times (\%AC_V / 100) \times Q$$

Where: CA = Cost Adjustment, \$.

BPI_P = Bituminous Price Index, as published by the Department for the month the work is performed, \$/ton (\$/metric ton).

BPI_L = Bituminous Price Index, as published by the Department for the month prior to the letting, \$/ton (\$/metric ton).

%AC_V = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the % AC_V will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.

Q = Authorized construction Quantity, tons (metric tons) (see below).

For HMA mixtures measured in square yards: $Q, \text{ tons} = A \times D \times (G_{mb} \times 46.8) / 2000$. For HMA mixtures measured in square meters: $Q, \text{ metric tons} = A \times D \times (G_{mb} \times 24.99) / 1000$. When computing adjustments for full-depth HMA pavement, separate calculations will be made for the binder and surface courses to account for their different G_{mb} and % AC_V.

For bituminous materials measured in gallons: $Q, \text{ tons} = V \times 8.33 \text{ lb/gal} \times SG / 2000$

For bituminous materials measured in liters: $Q, \text{ metric tons} = V \times 1.0 \text{ kg/L} \times SG / 1000$

Added 10/30/2006

Where: A = Area of the HMA mixture, sq yd (sq m).
D = Depth of the HMA mixture, in. (mm).
G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
V = Volume of the bituminous material, gal (L).
SG = Specific Gravity of bituminous material as shown on the bill of lading.

Basis of Payment. Bituminous materials cost adjustments may be positive or negative but will only be made when there is a difference between the BPI_L and BPI_P in excess of five percent, as calculated by:

$$\text{Percent Difference} = \{(BPI_L - BPI_P) \div BPI_L\} \times 100$$

Bituminous materials cost adjustments will be calculated for each calendar month in which applicable bituminous material is placed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Added 10/30/2006

Return With Bid

**ILLINOIS DEPARTMENT
OF TRANSPORTATION**

**OPTION FOR
BITUMINOUS MATERIALS COST ADJUSTMENTS**

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes No

Signature: _____ **Date:** _____

Added 10/30/2006