



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 27, 2006

SUBJECT: FAP Route 303 (IL 251)
Project ACNHF-0303 (033)
Section 4RS-2
Winnebago County
Contract No. 64B18
Item No. 30, 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 56 - 58 to the Special Provisions.

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 black ink, appearing to read 'Ted B. Walschleger' with a small 'P.E.' to the right.

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

cc: J. E. Crowe, Dep. Dir. Highways, Dist 2 Engineer; Roger Driskell;
Estimates; Design & Environment File

TBW:RS;jc

TABLE OF CONTENTS

LOCATION OF PROJECT 1
DESCRIPTION OF PROJECT 1
TRAFFIC CONTROL PLAN 1
COMPACTION OF POLYMERIZED BITUMINOUS CONCRETE 2
TOPSOIL, FURNISH AND PLACE, VARIABLE DEPTH 2
GEOTECHNICAL REINFORCEMENT 3
START DATE 5
AGGREGATE SHIPPING TICKETS (BDE) 5
BITUMINOUS CONCRETE SURFACE COURSE (BDE) 6
BITUMINOUS EQUIPMENT, SPREADING AND FINISHING MACHINE (BDE) 6
BUTT JOINTS (BDE) 7
DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION 8
EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE) 15
FLAGGER VESTS (BDE) 16
MULCHING SEEDED AREAS (BDE) 16
MULTILANE PAVEMENT PATCHING (BDE) 17
PARTIAL PAYMENTS (BDE) 17
PAYMENTS TO SUBCONTRACTORS (BDE) 18
PAYROLLS AND PAYROLL RECORDS (BDE) 19
PERSONAL PROTECTIVE EQUIPMENT (BDE) 21
POLYUREA PAVEMENT MARKING (BDE) 21
RAP FOR USE IN BITUMINOUS CONCRETE MIXTURES (BDE) 27
SEEDING AND SODDING (BDE) 31
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) 33
SUBGRADE PREPARATION (BDE) 34
SUPERPAVE BITUMINOUS CONCRETE MIXTURES (BDE) 34
TEMPORARY EROSION CONTROL (BDE) 40
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE) 42
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE) 42
TRUCK BED RELEASE AGENT (BDE) 42
WEIGHT CONTROL DEFICIENCY DEDUCTION 42
WORK ZONE SPEED LIMIT SIGNS (BDE) 44
WORK ZONE TRAFFIC CONTROL (BDE) 44
WORK ZONE TRAFFIC CONTROL DEVICES (BDE) 46
WORKING DAYS (BDE) 47
STORM WATER POLLUTION PREVENTION PLAN 48
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID) 56

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 10/27/2006

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 10/27/2006

