



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 25, 2005

SUBJECT: FAI Route 90/94  
Project IM-094-3(381)057  
Section 2004-073RS  
Cook County  
Contract No. 62812  
Item No. 5, March 11, 2005 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 ii of the Table of Contents.
2. Revised pages 83 and 94 of the Special Provisions.
3. Revised page 1 of the Schedule of Prices.
4. Revised sheet 9 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 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: Diane O'Keefe; Roger Driskell; Jim White; Design & Environment File

TBW:TK:jc

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Revised 02-25-2005

## SELF-CONSOLIDATING CONCRETE FOR PRECAST PRODUCTS (BDE)

Effective: July 1, 2004

Definition. Self-consolidating concrete is a flowable mixture that does not require mechanical vibration for consolidation.

Usage. Self-consolidating concrete may be used for precast concrete products. The design and testing of a self-consolidating concrete mixture shall be according to Section 1020 of the Standard Specifications except as modified herein.

Materials. Materials shall conform to the following requirements:

- (a) Self-Consolidating Admixtures. The self-consolidating admixture system shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a flowable concrete that does not require mechanical vibration.  
The high range water-reducing admixture shall comply with the requirements of AASHTO M 194, Type F.

The viscosity modifying admixture will be evaluated according to the test methods and mix design proportions referenced in AASHTO M 194, except the following physical requirements shall be met:

- (1) For initial and final set times, the allowable deviation of the test concrete from the reference concrete shall not be more than 1.0 hour earlier or 1.5 hours later.
  - (2) For compressive and flexural strengths, the test concrete shall be a minimum of 90 percent of the reference concrete at 3, 7 and 28 days.
  - (3) The length change of the test concrete shall be a maximum 135 percent of the reference concrete. However, if the length change of the reference concrete is less than 0.030 percent, the length change of the test concrete shall be a maximum 0.010 percentage units greater than the reference concrete.
  - (4) The relative durability factor of the test concrete shall be a minimum 80 percent.
- (b) Fine Aggregate. A fine aggregate used alone in the mix design shall not have an expansion greater than 0.30 percent per ASTM C 1260. For a blend of two or more fine aggregates, the resulting blend shall not have an expansion greater than 0.30 percent.

Revised 02-25-2005

**STEEL COST ADJUSTMENT (BDE)**

Effective: April 2, 2004

Revised: July 1, 2004

Description. At the bidder's option, a steel cost adjustment will be made to provide additional compensation to the Contractor or a credit to the Department for fluctuations in steel prices. The bidder must indicate on the attached form whether or not steel cost adjustments will be part of this contract. This attached form shall be submitted with the bid. Failure to submit the form shall make this contract exempt of steel cost adjustments.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

Metal Piling (excluding temporary sheet piling)  
Structural Steel  
Reinforcing Steel

Other steel materials such as dowel bars, tie bars, mesh reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), frames and grates, and other miscellaneous items will be subject to a steel cost adjustment when the pay item they are used in has a contract value of \$10,000 or greater.

Documentation. Sufficient documentation shall be furnished to the Engineer to verify the following:

- (a) Evidence that increased or decreased steel costs have been passed on to the Contractor.
- (b) The dates and quantity of steel, in kg (lb), shipped from the mill to the fabricator.
- (c) The quantity of steel, in kg (lb), incorporated into the various items of work covered by this special provision. The Department reserves the right to verify submitted quantities.

Method of Adjustment. Steel cost adjustments will be computed as follows:

$$SCA = Q \times D$$

Where: SCA = steel cost adjustment, in dollars  
Q = quantity of steel incorporated into the work, in kg (lb)  
D = price factor, in dollars per kg (lb)

Revised 02-25-2005

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF PRICES  
CONTRACT NUMBER - 62812

State Job # - C-91-297-04  
PPS NBR - 1-74823-1216  
County Name - COOK - -  
Code - 31 - -  
District - 1 - -  
Section Number - 2004-073RS

Project Number  
IM-094-3/381/057

Route  
FAI 90/94

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
XX104800	COMB CC&G TBV.12	FOOT	1,202.000				
XX157200	CITY ELECT MAN ADJ	EACH	12.000				
X0322124	STORM SEW WM REQ 8	FOOT	105.000				
X0322256	TEMP INFO SIGNING	SQ FT	273.000				
X0323426	SED CONT DR ST INL CL	EACH	42.000				
X0324166	COMB SEW ESVCP T2 15	FOOT	25.000				
X0324669	STORM SEW ESVCP T2 8	FOOT	25.000				
X0324698	APPLY DUST SUP AGENTS	UNIT	18.000				
X0324872	CIP T/D WSS RAMP DISB	SQ FT	24.000				
X4022000	TEMP ACCESS- COM ENT	EACH	3.000				
X4023000	TEMP ACCESS- ROAD	EACH	2.000				
X6065740	CONC MED SURF 5 MOD	SQ FT	4,007.000				
X7015000	CHANGEABLE MESSAGE SN	CAL MO	11.000				
* Z0002600	BAR SPLICERS	EACH	138.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
							* REVISED : FEBRUARY 23, 2005