



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 8, 2009

SUBJECT: FAU Route 6578 (Airport Road)
Project ACM-6578 (002)
Section (1-R)RS (1-VC)BR
Peoria County
Contract No. 68092
Item No. 91, January 16, 2009 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

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

1. Revised pages 1 & 6 of the Schedule of Prices.
2. Revised sheets 6, 62, 63, 71, 73, 77 and 78 of the Plans.
3. Revised page iii of the Table of Contents to the Special Provisions.
4. Added pages 157 - 159 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,

Eric E. Harm
Interim Bureau Chief
Bureau of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by a small "P.E." to the right.

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

cc: Joseph E. Crowe, Region 3, District 4; Mike Renner; R. E. Anderson;
Estimates

TBW:DB:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 68092

State Job # - C-94-112-00
 PPS NBR - 4-00930-0100
 County Name - PEORIA - -
 Code - 143 - -
 District - 4 - -
 Section Number - (1-R)RS,(1-VC)BR

Project Number
 ACM-6578/002/

Route
 FAU 6578

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
* DELETED							
XX005703	REMOV EX TS EQUIP SPL	L SUM	1.000				
X0301512	GDRL AGG EROS CONT	TON	591.400				
X0321583	PIPE ELBOW 18"	EACH	2.000				
X0323080	DRAINAGE SCUPPR DS-12	EACH	6.000				
X0324134	BATT BACKUP SYS/CABNT	EACH	1.000				
** X0326161	INSTRUMENTED PILES	L SUM	1.000				
X0326268	REINFORC SOIL SLP SYS	SQ FT	7,803.000				
X0712400	TEMP PAVEMENT	SQ YD	838.000				
X0919000	TEMP PAVT REMOVAL	SQ YD	838.000				
X4067107	POL LB MM IL4.75 N50	TON	1,078.600				
X5020501	UNWAT STR EX PROT L1	EACH	1.000				
X8410102	TEMP LIGHTING SYSTEM	L SUM	1.000				
X8730027	ELCBL C GROUND 6 1C	FOOT	1,641.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0017202	DOWEL BARS 1 1/2	EACH	2,660.000				
		* REVISED : DECEMBER 23, 2008					
		** REVISED : JANUARY 8, 2009					

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50500505	STUD SHEAR CONNECTORS	EACH	8,100.000				
50800105	REINFORCEMENT BARS	POUND	32,900.000				
50800205	REINF BARS, EPOXY CTD	POUND	230,270.000				
50800515	BAR SPLICERS	EACH	1,427.000				
** 51201400	FUR STL PILE HP10X42	FOOT	1,520.000				
** 51202305	DRIVING PILES	FOOT	1,520.000				
51203400	TEST PILE ST HP10X42	EACH	1.000				
51205100	TEMP SHT PILING	L SUM	1.000				
51500100	NAME PLATES	EACH	1.000				
51602000	PERMANENT CASING	FOOT	185.000				
51603000	DRILLED SHAFT IN SOIL	CU YD	65.700				
51604000	DRILLED SHAFT IN ROCK	CU YD	66.000				
52100520	ANCHOR BOLTS 1	EACH	36.000				
52100530	ANCHOR BOLTS 1 1/4	EACH	36.000				
54215553	MET END SEC 18	EACH	1.000				
** REVISED : JANUARY 8, 2009							

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Revised 01/08/2009

INSTRUMENTED PILES

Effective: January 8, 2009

Description. This work shall consist of providing all labor, materials, and equipment necessary to facilitate the instrumentation of piles by others. It also includes providing access to the jobsite for others to install and test additional research instrumentation.

All work shall be according to the details shown on the plans and as directed by the Engineer.

A preconstruction meeting shall be scheduled a minimum of 4 weeks prior starting any driving of piles, to coordinate the instrumentation plan, driving requirements and access for the Researchers.

Construction Requirements:

a) Instrumented Pile Sections

The instrumented piles shall be installed during stage II construction at the abutment(s) as show in the plans. The Contractor shall provide (2) two full length production piles, of the size and length specified on the plans, to the Newmark Civil Engineering Laboratory, University of Illinois at Urbana-Champaign (UIUC), 205 N. Mathews Ave., Urbana, IL 61801, for instrumentation. The Contractor shall allow (4) four weeks for UIUC to complete the instrumentation of the piles. The Contractor shall be responsible for all transportation of the piles to and from UIUC and to the job site. The Contractor shall contact Scott Olson (Researcher) of the University of Illinois at 217-265-7584 at least 48 hours prior to requesting access to the piles. University staff will be available to load the piles during normal business hours, however, the Contractor shall supply all blocking, bracing or tiedowns necessary to properly and safely secure and protect the piles from damage during transport.

In addition to the requirements of Article 512.08 of the Standard Specifications, the Contractor shall, at all times, take care to prevent damage to instrumentation or wires installed on the pile sections. The Contractor shall also take care to prevent disturbance of any installed monitoring system or data acquisition cabinet.

The instrumented piles shall be driven according to Section 512 of the Standard Specifications, except that Article 512.14 shall not apply. The instrumented piles shall be driven to a specified tip elevation, determined as follows. The Contractor, using the nearest reference pile and the adjacent piles driven during stage I, shall determine the average top of rock elevation which shall in turn be used as the tip elevation for the instrumented piles. In order to maintain the final position of the strain gages, if the pile length needs to be adjusted, such adjustments shall be done at the lower end of the instrumented pile before driving.

Added 01/08/2009

b) Reference Piles

The reference piles shall be of the same size as the production piles and shall be located as shown in the plans. Prior to driving reference piles, the Contractor shall precure an 18 inch (450 mm) diameter hole to a depth of 10 feet (3 m) at the reference pile locations. The reference piles shall be driven to the nominal required bearing specified for production piles according to Article 512.14. Care shall be taken to insure the reference piles are not in contact with the sidewalls of the hole. In lieu of Article 512.09(c), after driving, the hole shall be backfilled by the Contractor to within 2 feet (600 mm) of the finished grade using bentonite pellets. The pellets shall be hydrated using water as directed by the Engineer. The Contractor shall place a 24-inch x 24-inch (600 x 600 mm) Quazite box (provided by others) centered over the top of each reference pile.

c) Inclinator Casing Extension

The Contractor shall give the Engineer at least 5 days advance notice prior to pouring concrete at the abutment (but after rebar cage is installed) to allow Researchers to install inclinometer tube extensions. These extensions will eventually extend to the top of the deck above the abutment. The Contractor shall cast an inspection frame and lid Neenah type R-3487 or equivalent in the deck to protect and allow access to each inclinometer casing.

d) Site Access for Researchers

Researchers may, at any time, require access to the jobsite for the installation and/or testing of cabling and equipment etc. The contractor shall maintain access for the Researchers to and near the abutment piles as required. The Department will coordinate these activities to minimize disruption of the Contractor's schedule.

The Contractor shall give the Engineer at least 5 days advanced notice prior to driving the piles.

The Contractor shall give the Engineer at least 5 days advance notice prior to backfilling the abutment for Researcher access. The Contractor shall allow 5 calendar days for the installation of sensors, conduits and other geotechnical equipment by others during this time.

Measurement:

The unit of measurement shall be lump sum.

Added 01/08/2009

Basis of Payment.

This work associated with delivering to and retrieving from UIUC of the instrumented piles, including transportation and delivery to the jobsite, and other work not specifically paid for otherwise, necessary to complete the installation of the instrumented and reference piles, the providing of access to the jobsite, and the coordination of work with the Researchers shall be included in the cost of INSTRUMENTED PILES.

The cost of furnishing and driving the instrumented piles and the reference piles shall be according to Article 512.18 of the Standard Specifications.

Added 01/08/2009