



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 25, 2011

SUBJECT: FAP 336 (Orchard Road)
Project M-TE-CMM-9003(772)
Section 99-00232-01-WR
Kane County
Contract No. 63541
Item 144
April 29, 2011 Letting
Addendum (A)

TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

**Proposal – Revised the Schedule of Prices, pages 10, 11, 12, 13, 14, 15 & 16.
Special Provisions, revised page 3 of the Table of Contents.
Special Provisions, revised pages 65, 66, 67 & 68.
Special Provisions, added page 68a.**

Plans – Revised sheet 6, 9 & 148.

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,

Scott Stitt
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by the initials "AE".

By: Ted B. Walschleger
Engineer of Project Development
and Implementation

FAP 336
 99-00232-01-WR
 KANE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT NUMBER - 63541

ECMS002 DTGECM03 ECMR003 PAGE 10
 RUN DATE - 04/22/11
 RUN TIME - 183104

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60109510	P UNDR FAB LINE TR 4	FOOT	1,832.000	X	=		
60200805	CB TA 4 DIA T8G	EACH	21.000	X	=		
60201340	CB TA 4 DIA T24F&G	EACH	35.000	X	=		
60205040	CB TA 5 DIA T24F&G	EACH	2.000	X	=		
60218400	MAN TA 4 DIA T1F CL	EACH	11.000	X	=		
60221100	MAN TA 5 DIA T1F CL	EACH	19.000	X	=		
60221102	MAN TA 5D T1FCL R-PLT *	EACH	2.000	X	=		
60224459	MAN TA 8 DIA T1F CL	EACH	1.000	X	=		
60237470	INLETS TA T24F&G	EACH	25.000	X	=		
60255500	MAN ADJUST	EACH	20.000	X	=		
60265700	VV ADJUST	EACH	8.000	X	=		
60600095	CLASS SI CONC OUTLET	CU YD	18.400	X	=		
60603800	COMB CC&G TB6.12	FOOT	698.000	X	=		
60605000	COMB CC&G TB6.24	FOOT	20,830.000	X	=		
60608300	COMB CC&G TM2.12	FOOT	122.000	X	=		

* Revised 4-25-11

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
60620000	CONC MED TSB6.24	SQ FT	8,812.000	X	=	=	=
66900205	SPL WASTE DISPOSAL *	CU YD	150.000	X	=	=	=
66900450	SPL WASTE PLNS/REPORT *	L SUM	1.000	X	=	=	=
66900530	SOIL DISPOSAL ANALY *	EACH	1.000	X	=	=	=
67000400	ENGR FIELD OFFICE A	CAL MO	15.000	X	=	=	=
67100100	MOBILIZATION	L SUM	1.000	X	=	=	=
70106800	CHANGEABLE MESSAGE SN	CAL MO	36.000	X	=	=	=
70300100	SHORT TERM PAVT MKING	FOOT	1,350.000	X	=	=	=
70300210	TEMP PVT MK LTR & SYM	SQ FT	73.000	X	=	=	=
70300220	TEMP PVT MK LINE 4	FOOT	23,148.000	X	=	=	=
70300240	TEMP PVT MK LINE 6	FOOT	418.000	X	=	=	=
70300260	TEMP PVT MK LINE 12	FOOT	379.000	X	=	=	=
70300510	PAVT MARK TAPE T3 L&S	SQ FT	400.000	X	=	=	=
70300520	PAVT MARK TAPE T3 4	FOOT	58,971.000	X	=	=	=
70300540	PAVT MARK TAPE T3 6	FOOT	2,887.000	X	=	=	=

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
70300560	PAVT MARK TAPE T3 12	FOOT	497.000 X	=		=	
70301000	WORK ZONE PAVT MK REM	SQ FT	14,171.000 X	=		=	
70400100	TEMP CONC BARRIER	FOOT	1,475.000 X	=		=	
70400200	REL TEMP CONC BARRIER	FOOT	1,475.000 X	=		=	
78300200	RAISED REF PVT MK REM	EACH	271.000 X	=		=	
80400100	ELECT SERV INSTALL	EACH	1.000 X	=		=	
80400200	ELECT UTIL SERV CONN	L SUM	1.000 X	=	3,000 00	=	3,000 00
80500020	SERV INSTALL POLE MT	EACH	1.000 X	=		=	
81000600	CON T 2 GALVS	FOOT	7,951.000 X	=		=	
81000700	CON T 2 1/2 GALVS	FOOT	377.000 X	=		=	
81000800	CON T 3 GALVS	FOOT	80.000 X	=		=	
81000900	CON T 3 1/2 GALVS	FOOT	18.000 X	=		=	
81001000	CON T 4 GALVS	FOOT	217.000 X	=		=	
81018500	CON P 2 GALVS	FOOT	272.000 X	=		=	
81018900	CON P 4 GALVS	FOOT	824.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CENTS
81400100	HANDHOLE	EACH	20.000 X	=		=	
81400200	HD HANDHOLE	EACH	4.000 X	=		=	
81400300	DBL HANDHOLE	EACH	2.000 X	=		=	
81603030	UD 2#4 #6G XLPUSE 1	FOOT	4,450.000 X	=		=	
81702160	EC C XLP USE 1C 1/0	FOOT	1,350.000 X	=		=	
81900200	TR & BKFIL F ELECT WK	FOOT	8,702.000 X	=		=	
82102250	LUM SV HOR MT 250W	EACH	28.000 X	=		=	
83008400	LT P A 40MH 10MA	EACH	24.000 X	=		=	
83600200	LIGHT POLE FDN 24D	FOOT	220.000 X	=		=	
83800205	BKMWY DEV TR B 15BC	EACH	24.000 X	=		=	
85000200	MAIN EX TR SIG INSTAL	EACH	4.000 X	=		=	
85700200	FAC T4 CAB	EACH	3.000 X	=		=	
86200200	UNINTER POWER SUP STD	EACH	2.000 X	=		=	
87300925	ELCBL C TRACER 14 1C	FOOT	8,863.000 X	=		=	
87301215	ELCBL C SIGNAL 14 2C	FOOT	841.000 X	=		=	

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				DOLLARS	CENTS	DOLLARS	CTS
87301225	ELCBL C SIGNAL 14 3C	FOOT	2,126.000 X	=		=	
87301245	ELCBL C SIGNAL 14 5C	FOOT	5,004.000 X	=		=	
87301255	ELCBL C SIGNAL 14 7C	FOOT	2,758.000 X	=		=	
87301305	ELCBL C LEAD 14 1PR	FOOT	8,588.000 X	=		=	
87301805	ELCBL C SERV 6 2C	FOOT	195.000 X	=		=	
87301900	ELCBL C EGRDC 6 1C	FOOT	1,609.000 X	=		=	
87502440	TS POST GALVS 10	EACH	1.000 X	=		=	
87502500	TS POST GALVS 16	EACH	5.000 X	=		=	
87700190	S MAA & P 30	EACH	1.000 X	=		=	
87702880	STL COMB MAA&P 30	EACH	1.000 X	=		=	
87702985	STL COMB MAA&P 52	EACH	1.000 X	=		=	
87703040	STL COMB MAA&P 62	EACH	1.000 X	=		=	
87703070	STL COMB MAA&P 66	EACH	1.000 X	=		=	
87703080	STL COMB MAA&P 68	EACH	1.000 X	=		=	
87800100	CONC FDN TY A	FOOT	24.000 X	=		=	

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
87800150	CONC FDN TY C	FOOT	8.000 X	=		=	
87800415	CONC FDN TY E 36D	FOOT	39.000 X	=		=	
87800420	CONC FDN TY E 42D	FOOT	93.000 X	=		=	
87900200	DRILL EX HANDHOLE	EACH	1.000 X	=		=	
87900205	DRILL EX HD HANDHOLE	EACH	8.000 X	=		=	
88040070	SH P LED 1F 3S BM	EACH	9.000 X	=		=	
88040090	SH P LED 1F 3S MAM	EACH	17.000 X	=		=	
88040150	SH P LED 1F 5S BM	EACH	3.000 X	=		=	
88040160	SH P LED 1F 5S MAM	EACH	3.000 X	=		=	
88102717	PED SH LED 1F BM CDT	EACH	4.000 X	=		=	
88200210	TS BACKPLATE LOU ALUM	EACH	32.000 X	=		=	
88500100	INDUCTIVE LOOP DETECT	EACH	18.000 X	=		=	
88600700	PREFORM DETECT LOOP	FOOT	1,888.000 X	=		=	
88700200	LIGHT DETECTOR	EACH	6.000 X	=		=	
88700300	LIGHT DETECTOR AMP	EACH	6.000 X	=		=	

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				DOLLARS	CENTS	DOLLARS	CTS
88800100	PED PUSH-BUTTON	EACH	4.000 X	=			
89000100	TEMP TR SIG INSTALL	EACH	1.000 X	=			
89502200	MOD EX CONTR	EACH	1.000 X	=			
89502205	MOD EX CONTR SPL	EACH	1.000 X	=			
89502375	REMOV EX TS EQUIP	EACH	2.000 X	=			
				TOTAL \$			

- NOTE:
1. EACH PAY ITEM SHOULD HAVE A UNIT PRICE AND A TOTAL PRICE.
 2. THE UNIT PRICE SHALL GOVERN IF NO TOTAL PRICE IS SHOWN OR IF THERE IS A DISCREPANCY BETWEEN THE PRODUCT OF THE UNIT PRICE MULTIPLIED BY THE QUANTITY.
 3. IF A UNIT PRICE IS OMITTED, THE TOTAL PRICE WILL BE DIVIDED BY THE QUANTITY IN ORDER TO ESTABLISH A UNIT PRICE.
 4. A BID MAY BE DECLARED UNACCEPTABLE IF NEITHER A UNIT PRICE NOR A TOTAL PRICE IS SHOWN.

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CLEAN CONSTRUCTION AND DEMOLITION DEBRIS

With regards to IEPA Public Act 96-1416, the Contractor shall be responsible for all additional testing with regards to the Clean Construction or Demolition Debris (CCDD) disposal requirements. Contractor shall also be responsible for engaging a Licensed Professional Engineer to provide the necessary certification that the soil is uncontaminated. A copy of said certification shall be provided to the County.

Should the Contractor choose to dispose of surplus soil material at a registered uncontaminated soil fill location, Form LPC-633 must be submitted to the operator of that location before any materials can be disposed of at that site. The Contractor should be advised that, even with the submittal of the properly executed Form LPC-663, the fill operators retain the right to reject any or all loads from a particular construction site based on their own determination of the suitability of material from that site. Each certification covers only material from that specified job site. The Contractor shall take care not to stockpile or mix together material from different sites before taking that material for disposal.

~~This special provision is not to be construed as a requirement that obligates the Contractor to dispose of surplus material at a registered uncontaminated soil fill location. The Contractor is advised to consider the cost of disposing of all contaminated materials and properly reflect those costs in their bids for earthwork and removal items. No extra compensation will be allowed to the Contractor if it is determined by the Department that bid prices did not allow for the higher costs of disposing of materials from known suspect locations. The Contractor must also be thoroughly familiar with the provisions of the Environmental Protection Act as it relates to proper disposal of excavated material and construction debris. The Executive Summary below provides in more detail previous surveys and findings~~

This work shall be according to Article 669 of the Standard Specifications and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for material found to be contaminated when screened for CCDD disposal in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. Implementation of this Special Provision will likely require the Contractor to Regulated a subcontract for the execution of certain activities. It will be the Contractor's responsibility to assess the working conditions and adjust anticipated production rates accordingly.

All contaminated materials shall be managed as special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances.

Any soil classified as a special waste shall be excavated and disposed of as directed by this project or the Engineer. Any excavation or disposal beyond what is required by this project or the Engineer will be at no additional cost to the Department.

The preliminary site investigation (PSI) report for Orchard Road, available through the design engineering firm, does not indicate the presence of contaminated soil. Any soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department.

A) The Environmental Firm shall continuously monitor for worker protection and the Contractor shall manage and dispose of all soils excavated within the identified area of contamination if applicable.

B) The Contractor shall manage and dispose of all soils excavated within identified areas-

This work shall be paid for at the contract unit price per Cubic Yard for SPECIAL WASTE DISPOSAL, the contract unit price Lump Sum for SPECIAL WASTE PLANS AND REPORT, and the contract unit price Each for SOIL DISPOSAL ANALYSIS which shall be payment in full for the work described herein.

Form LPC- 663 may be downloaded at the following link: <http://www.epa.state.il.us/land/ccdd/uncontaminated-soil-certification-form.pdf>

Executive Summary

Wills Burke Kelsey Associates, Ltd. (WBK) completed the screening as described in Section 20-12 Special Waste in the IDOT Bureau of Local Roads and Streets Manual (dated December 2008) and the Special Waste Assessment Screening Criteria (Figure 20-12A) to update Special Waste Assessment Screening for the widening of Orchard Road from Jericho Road to US 30 in Kane County. WBK reviewed the Final Project Development Report for Categorical Exclusion (PDR) prepared by Civiltech Engineering, Inc. (dated September 11, 2002) and the Environmental Class of Action Document and Record (ECAD), dated September 2002, prepared by the Illinois Department of Transportation (IDOT). Based on the screening process, WBK has determined that a Preliminary Environmental Site Assessment (PESA) is not necessary and there is no likely increase in the occurrence of hazardous materials associated with this project.

Background

In reviewing the PDR and ECAD, WBK located an Informal Transmittal from Sam Mead (IDOT – Programming, Environmental Studies Unit) to Nancy Magnus (IDOT – Local Roads) dated 11/21/2000 that apparently accompanied the final PESA. The Informal Transmittal included the following message:

Attached is a copy of the final PESA for the above mentioned project. The PESA Review cover memo, dated October 27, 2000, states that there is a low risk for the occurrence of hazardous materials and that further testing is not required. A commitment should be added to the project report transmittal memo and to the project report itself as follows:

"A Preliminary Environmental Site Assessment was conducted by the ISGS which states that there is a low risk for the occurrence of hazardous materials and that further testing is not required. If the proposed scope of work changes or Wills Burke Kelsey Associates, Ltd. 2 02-917 Orchard Road – US 30 to Jericho Road additional ROW/temporary easements are required, please contact the Environmental Studies Unit at extension 4101 to discuss any potential impacts."
If you have any questions, please contact me at extension 4101.

Findings

WBK completed the screening as described in Section 20-12 Special Waste in the IDOT Bureau of Local Roads and Streets Manual (dated December 2008) and the Special Waste Assessment Screening Criteria (Figure 20-12A). The project consists of new Right-of-Way for the widening activities. WBK reviewed the current Illinois Environmental Protection Agency's (IEPA) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Leaking Underground Storage Tank (LUST), Brownfield, and Other Environmental Actions databases for sites identified near the project which may pose a potential issue to the project. WBK found no CERCLIS sites within 1 mile of the project, no listed LUST sites within 1,000 feet of the project, and no listed Under Ground Storage Tanks or *Resource Conservation and Recovery Act* (RCRA) sites on properties adjacent to the project. There is a small area of light industrial along the east side of Orchard Road as described in the PDR. The additional ROW required for this project expands into areas of existing agriculture. The project will not involve an Underground Storage Tank and/or buildings or materials containing regulated substances other than asbestos. The project will not involve surface tanks, sumps, ponds, drums, basins, transformers, railroad signal boxes, landfills, and/or other storage structures or pipelines. During the field work for the wetland delineation, WBK did not observe noticeable surface contamination in the form of surface staining, oil sheen, odors, vegetation damage, and/or spills, leaks, illegal dumping, etc. Based on the screening process, a Preliminary Environmental Site Assessment (PESA) is not necessary.

ADJUSTMENTS AND RECONSTRUCTIONS

Effective: March 15, 2011

Revise the first paragraph of Article 602.04 to read:

"602.04 Concrete. Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-1 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

"603.05 Replacement of Existing Flexible Pavement. After the castings have been adjusted, the surrounding space shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

"603.06 Replacement of Existing Rigid Pavement. After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-1 concrete, unless otherwise

noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface."

Revise the first sentence of Article 603.07 to read:

"603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b."

DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (D-1)

Effective: April 1, 2011
 Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

- (i) Temporary Hot-Mix Asphalt (HMA) Ramp (Note 1) 1030
- (j) Temporary Rubber Ramps (Note 2)

Note 1. The HMA shall have maximum aggregate size of 3/8 in. (95 mm).

Note 2. The rubber material shall be according to the following.

Property	Test Method	Requirement
Durometer Hardness, Shore A	ASTM D 2240	75 ±15
Tensile Strength, psi (kPa)	ASTM D 412	300 (2000) min
Elongation, percent	ASTM D 412	90 min
Specific Gravity	ASTM D 792	1.0 - 1.3
Brittleness, °F (°C)	ASTM D 746	-40 (-40)"

Revise Article 603.07 of the Standard Specifications to read:

"603.07 Protection Under Traffic. ~~After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.~~

Deleted: After the casting has been adjusted and Class SI concrete has been placed, the work shall be protected by a barricade and two lights for at least 72 hours.

When castings are under traffic before the final surfacing operation has been started, properly sized temporary ramps shall be placed around the drainage and/or utility castings according to the following methods.

- (a) Temporary Asphalt Ramps. Temporary hot-mix asphalt ramps shall be placed around the casting, flush with its surface and decreasing to a featheredge in a distance of 2 ft (600 mm) around the entire surface of the casting.

- (b) Temporary Rubber Ramps. Temporary rubber ramps shall only be used on roadways with permanent posted speeds of 40 mph or less and when the height of the casting to be protected meets the proper sizing requirements for the rubber ramps as shown below.

Dimension	Requirement
Inside Opening	Outside dimensions of casting + 1 in. (25 mm)
Thickness at inside edge	Height of casting \pm 1/4 in. (6 mm)
Thickness at outside edge	1/4 in. (6 mm) max.
Width, measured from inside opening to outside edge	8 1/2 in. (215 mm) min

Placement shall be according to the manufacturer's specifications.

Temporary ramps for castings shall remain in place until surfacing operations are undertaken within the immediate area of the structure. Prior to placing the surface course, the temporary ramp shall be removed. Excess material shall be disposed of according to Article 202.03."

68a.