



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

March 31, 2008

SUBJECT: Curtis Road  
Project TE-D5(85)  
Section 00-00374-03-LS (Champaign)  
Champaign County  
Contract No 91382  
Item 50 A  
April 25, 2008 Letting

## TO PROSPECTIVE BIDDERS:

To clarify information it is necessary to revise the following:

**Proposal- Revised pages 23-26 of the Special Provisions. Revised pages 1 and 3 of the Schedule of Prices.**

**Plans- Revised Plan Sheets 1, 2, 3, 16, 17, 18, 19 and added sheet 22.**

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.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Please call 217-782-7806 if any of the above-described material is not included in this transmittal.

Very truly yours,

Eric Harm  
Interim 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

City of Champaign  
FAI 57/Curtis Road  
Section: 00-00374-03-LS  
Job: C-95-327-07  
Contract: 91382  
Project: TE-00D5(85)

City Project Number: 22-0000-07900-0377

### **CLEANING AND PAINTING NEW METAL STRUCTURES (MASONRY COLUMNS)**

Description. This specification is for the structural steel in the large and small masonry columns specified on the plans to be shop primed and painted with field touch-up. The requirements shall be according to the applicable portion of Sections 506 of the Standard Specifications except as modified herein. The Contractor shall furnish all materials, equipment, labor, and other essentials necessary to accomplish this work and all other work described herein and as directed by the Engineer.

Construction Requirements. Shop assembled metal structures shall be shop primed and painted according to the special provision "Cleaning and Painting New Metal Structures". The color of the final finish coat of all steel surfaces shall be gray, Munsell 5B 7/1. Touch-up shall be performed after erection of the steel and during erection of the masonry as required.

Basis of Payment. This work of cleaning and painting new metal structures shall be included in the contract unit price for MASONRY COLUMN, LARGE and MASONRY COLUMN, SMALL and no additional compensation will be allowed.

### **TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1**

Description – This work shall consist of removing a traffic barrier terminal in accordance with the applicable articles of Sections 632 and 633 of the Standard Specifications, and as directed by the Engineer.

Method of Measurement and Basis of Payment – This work will be paid for at the contract unit price each for TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 1.

### **ELECTRIC SERVICE INSTALLATION, SPECIAL**

The contractor shall comply with Sections 804 and 1086 of the Standard Specifications for Road and Bridge Construction with the following exceptions:

Description. This work shall consist of all material and labor required to install the electric service installation for the interchange lighting at the lighting controller at Curtis Road Sta. 35+65, 80' RT.

Materials. In addition to the requirements of Section 804 of the Standard Specifications, materials used must meet the requirements of AmerenIP. Requirements of AmerenIP were provided to the State as follows:

The contractor shall furnish and install two 3" conduits from the proposed AmerenIP transfer to the meter entrance. Pull cords (consisting of at least 600 lb. nylon cord or equivalent) shall be installed in all conduits. At the pole end, rigid steel elbows with 36" minimum radius shall be used with

galvanized steel conduits extending 10' up the pole. At the service entrance end, rigid steel elbows with 36" minimum radius shall be used with galvanized steel conduit above ground. The horizontal portions of the conduit may be rigid galvanized steel or gray Schedule 40 Electrical Grade PVC.

Construction Procedure. Trenching the conduits is permitted. The work must be completed according to the requirements of AmerenIP. Requirements of AmerenIP were provided to the State as follows:

Conduits are to be temporarily attached to the pole, spaced 4" from pole and 4" between conduits. All spare conduits shall be capped. The conduit shall be bushed and bonded. All primary conduits shall be buried with 24" to 36" of cover after final grade. The installation must comply with applicable provisions of the NEC, NESC, local codes if applicable, and the most current AmerenIP Standards, and local codes if applicable.

AmerenIP will furnish and install the service cables to the line side of the meter cabinet.

In case of questions, contact John Indelicato of AmerenIP at 217-383-7282.

Basis of Payment. This work will be paid for at the contract unit price per each for **ELECTRIC SERVICE INSTALLATION, SPECIAL** which shall be payment in full for the work. Any charges by the utility company to provide electrical service to the service installation will be paid for according to Article 109.05 of the Standard Specifications for Road and Bridge Construction.

#### **LIGHTING UNIT COMPLETE, SPECIAL**

Description. This work shall consist of furnishing, transporting, installing, and wiring lighting at the existing Curtis Road Bridge located at I-57, Champaign, IL.

Material. Light fixture head shall be a 150 WHPS, IES type III optic with house side shield, 240V, model RN30 Renaissance series with a glass globe as manufactured by Lumec Lighting or approved equal by the City to match the City of Champaign's Manual of Practice and the "Campustown" streetscape project fixture style.

Reference Lighting Unit Complete, Special detail for adaptor and finial.

The aluminum pole shall be a 16-sharp fluted, round tapered, heavy wall unit provided with banner arms and fixture head mounting arm per the plan detail. Reference Lighting Unit Complete, Special detail for information regarding specific dimensions, style, etc. The pole, pole base, fixture arm, and banner arms shall also match the City of Champaign's "Campustown" streetscape project style as approved by the City as illustrated on the detail. Decorative (R90 Style) base portion of the pole shall have a bottom diameter limited to 20" to ensure base does not overlap the structural pole base

integrated with the parapet. Provide pole with factory installed vibration mitigation device. Bolt heads shall be internal to the pole. Provide ground lug. All fasteners shall be stainless steel. All exposed fasteners shall be black oxide finish stainless steel and have pinned Allen vandal-resistant heads. Pole shall be delivered to the job site with a factory applied shipping wrap of cardboard or other material to fully protect against scratches. The contractor shall exercise measures necessary to ensure either the cardboard shipping wrap is removed upon receipt, or protected from weather elements to prevent the poles from becoming stained. The contractor shall be responsible to rectify any finish imperfections to the satisfaction of the Engineer. Anchor Bolts: The pole steel anchor bolts are in place in the existing bridge parapets. The Contractor will be responsible for verifying the bolt sizes and bolt circle diameter at each foundation prior to ordering the poles.

The poles shall accommodate four 1-inch diameter bolts. The contractor shall verify the existing bolt circle dimensions at the pole bases on the bridge parapets prior to ordering the poles. An access door shall be provided in the base.

Lighting Unit Complete, Special shall be finished with black polyester powder coat paint by the pole manufacturer.

Basis of Payment. Light Poles will be paid for at the contract unit price each for LIGHTING UNIT COMPLETE, SPECIAL. This price shall include fuses, fuseholders, surge protectors, and connecting the light to the proposed wiring. Wiring shall be paid for separately.

#### **FLOOD LIGHTING UNIT**

Description. This work shall consist of furnishing, transporting, installing, and wiring ground mounted lighting at the existing Curtis Road Bridge located at I-57, Champaign, IL.

Material. Provide narrow spot type light fixture with grid louver option and stanchion mount option. Model AFL16-DB-P, GL4/DB-P, SM18/DB-P, 240 volt as manufactured by KIM Lighting, Gardco Lighting (DF7 series), or approved equal.

Provide wattage in metal halide as noted per each location on the plans.

Contractor shall have light fixture manufacturer produce photometric data along with side and front view drawings showing fixture setback and aiming angle for review by the City of Champaign. Contractor shall supply manufacturer with drawings of site conditions.

Finish of the Flood Lighting Unit shall be black.

Provide concrete base per the plan details incidental to this pay item. Stanchion shall be embedded into concrete base per the plan details.

Installation. Install per plan details. Locate fixtures at a distance back from columns so as to project the light more upward to graze the face of the columns. This steeper adjustment angle will allow for final field adjustments to ensure glare is mitigated from passing motorists.

Basis of Payment. Flood Lights will be paid for at the contract unit price each for FLOOD LIGHTING UNIT. This price shall include fuses, fuseholders, and connecting the light to the proposed wiring. Wiring shall be paid for separately.

**CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 2" DIAMETER**

Description. This work shall consist of installing non-metallic flexible conduit at stainless steel junction boxes mounted on bridge parapet. The flexible conduit shall join the junction box to the rigid conduit going into the ground. These flexible expansion joints are at locations on the bridge where movement will damage rigid conduit and are shown on the plans.

Materials. The conduit and fittings shall meet the applicable portions of Article 1088.01 of the Standard Specifications.

Installation. The flexible conduit shall be installed according to Section 811 of the Standard Specifications. In addition to installing the flexible conduit, this work shall include gland nuts, fitting, hardware, and all miscellaneous items necessary to make the connections to the rigid conduit system and stainless steel junction box attached to the structure. All fittings and hardware shall be stainless steel. The connections shall be made in such a manner that the flexible conduit does not pull out. The stainless steel junction box shall be electrically bonded to the equipment grounding conductor. Connections shall be made and coated as stated in Article 801.14 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price each for CONDUIT, FLEXIBLE NON-METALLIC, WEATHERPROOF, 2" DIAMETER. The length of the conduit is based on the maximum amount of movement at each location and shall be determined by the Engineer.

**STATUS OF UTILITIES TO BE ADJUSTED**

There are no known utilities within the construction limits of the project except for the existing roadway lighting circuit across the bridge to serve the interchange lighting system. Adjustment or relocation of the lighting circuit will not be required. The Contractor will be required to contact J.U.L.I.E. to verify there are no utilities within the construction limits of the project. If utilities are found to be present and are in conflict with the work the Contractor will notify the Engineer in writing and cooperate with the Utility Companies while they perform their work.

COUNTY NAME	CODE	DIST	SECTION NUMBER	PROJECT NUMBER	ROUTE
CHAMPAIGN	019	05	00-00374-03-LS (CHAMPAIGN)	TE-00D5/085/000	CURTIS RD

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
A2002420	T-BETUL NIG HRT 2-1/2	EACH	12.000	X	=		
D2015401	E-JUNIP CHIN KC 24	EACH	84.000	X	=		
XX005856	MULCH HARDWOOD BARK 3	CU YD	40.000	X	=		
XX006302	NEPETA WALK LW CATMIN	EACH	1,000.000	X	=		
XX007293	PER FAL JAP 'COMP' 1	EACH	3,480.000	X	=		
XX007294	PER MIS SIN 'PRUP' 2	EACH	40.000	X	=		
XX007297	MASONRY COLUMN, LARGE	EACH	2.000	X	=		
XX007298	MASONRY COLUMN, SMALL	EACH	4.000	X	=		
X0324390	FLOOD LIGHTING UNIT	EACH	6.000	X	=		
X8250500	LIGHTING UNIT COMP SP	EACH	6.000	X	=		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000	X	=		
21101615	TOPSOIL F & P 4	SQ YD	970.000	X	=		
25000210	SEEDING CL 2A	ACRE	0.200	X	=		
25000400	NITROGEN FERT NUTR	POUND	18.000	X	=		
25000500	PHOSPHORUS FERT NUTR	POUND	18.000	X	=		

X0324390  
 X8250500  
 FLOOD LIGHTING UNIT  
 LIGHTING UNIT COMP SP

revised 3/31/08

CURTIS RD  
 00-00374-03-LS (CHAMPAIGN)  
 CHAMPAIGN

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT NUMBER - 91382

ECMS002 DTGECM03 ECMR003 PAGE 3  
 RUN DATE - 03/28/08  
 RUN TIME - 214927

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
70100700	TRAF CONT-PROT 701406	L SUM	1.000 X				
70100800	TRAF CONT-PROT 701401	L SUM	1.000 X				
70102630	TR CONT & PROT 701601	L SUM	1.000 X				
78201000	TERMINAL MARKER - DA	EACH	1.000 X				
80400105	ELECT SERV INSTALL SP	EACH	1.000 X				
81012200	CON T 3/4 PVC	FOOT	354.000 X				
81012600	CON T 2 PVC	FOOT	108.000 X				
81018100	CON P 3/4 GALVS	FOOT	120.000 X				
81021330	CON P 2 PVC	FOOT	100.000 X				
81300800	JUN BX SS AS 18X12X6	EACH	1.000 X				
81603035	UD 2#6 #6G XLPUSE 1	FOOT	700.000 X				
81702450	EC C XLP USE 3-1C 10	FOOT	1,254.000 X				
81900200	TR & BKFIL F ELECT WK	FOOT	1,161.000 X				
82500510	LT CONT CBRCS 60-240	EACH	1.000 X				

TOTAL \$

NOTE:  
 \*\*\* PLEASE TURN PAGE FOR IMPORTANT NOTES \*\*\*

\*deleted pay item 81400730  
 revised 3/31/68