



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

December 22, 2009

SUBJECT: FAP Route 697 (IL 9)
Project ACF-0697 (032)
Section 46BR
Vermilion County
Contract No. 70594
Item No. 156, January 15, 2010 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. Replaced the Schedule of Prices.
2. Revised sheet 5 of the Plans.
3. Revised page ii of the Table of Contents to the Special Provisions.
4. Added pages 55 & 56 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,

Charles Ingersoll, Chief
Bureau of Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' followed by a small 'P.E.'.

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

cc: Joseph E. Crowe, Region 3, District 5; Mike Renner; R. E. Anderson;
Estimates

TBW:DB:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 70594

State Job # - C-95-104-06
 PPS NBR - 5-92940-0000
 County Name - VERMILION- -
 Code - 183 - -
 District - 5 - -
 Section Number - 46BR

Project Number
 ACF-0697/032/

Route
 FAP 697

* REVISED : DECEMBER 16, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
* X0325702	NIGHT WORK ZONE LIGHT	L SUM	1.000				
X542A497	P CUL CL A 1 EQRS 42T	FOOT	23.000				
Z0010555	DITCH CLEANING	FOOT	341.000				
Z0038800	PERMNT BENCH MARKS T1	EACH	1.000				
20201200	REM & DISP UNS MATL	CU YD	186.000				
20400800	FURNISHED EXCAV	CU YD	45.000				
20700220	POROUS GRAN EMBANK	CU YD	124.000				
21301072	EXPLOR TRENCH 72	FOOT	200.000				
25000210	SEEDING CL 2A	ACRE	0.400				
25000350	SEEDING CL 7	ACRE	0.400				
25000400	NITROGEN FERT NUTR	POUND	35.000				
25000500	PHOSPHORUS FERT NUTR	POUND	35.000				
25000600	POTASSIUM FERT NUTR	POUND	35.000				
25100115	MULCH METHOD 2	ACRE	0.400				
28000250	TEMP EROS CONTR SEED	POUND	39.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
28000305	TEMP DITCH CHECKS	FOOT	143.000				
28000400	PERIMETER EROS BAR	FOOT	1,100.000				
28000500	INLET & PIPE PROTECT	EACH	1.000				
28100201	STONE RIPRAP CL A1	TON	158.000				
28200200	FILTER FABRIC	SQ YD	175.000				
40600100	BIT MATLS PR CT	GALLON	77.000				
40603310	HMA SC "C" N50	TON	14.000				
44000155	HMA SURF REM 1 1/2	SQ YD	160.000				
44201759	CL D PATCH T4 9	SQ YD	121.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	267.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50200100	STRUCTURE EXCAVATION	CU YD	319.000				
51500100	NAME PLATES	EACH	1.000				
54001000	BOX CUL END SECT	EACH	2.000				
54021004	PCBC 10X4 (M273)	FOOT	90.000				

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60238800	INLETS TA	EACH	1.000				
60402210	GRATES T8	EACH	1.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	325.000				
63000005	SPBGR TY B	FOOT	100.000				
63000025	SPBGR ATTACH TO STR	FOOT	50.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	4.000				
63200310	GUARDRAIL REMOV	FOOT	303.000				
67000400	ENGR FIELD OFFICE A	CAL MO	1.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100455	TRAF CONT-PROT 701206	L SUM	1.000				
78001110	PAINT PVT MK LINE 4	FOOT	237.000				
78100100	RAISED REFL PAVT MKR	EACH	2.000				
78200410	GUARDRAIL MKR TYPE A	EACH	8.000				
78201000	TERMINAL MARKER - DA	EACH	4.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78300200	RAISED REF PVT MK REM	EACH	2.000				

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM / EROSION AND SEDIMENT
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Revised 12/22/2009

NIGHTTIME WORK ZONE LIGHTING (BDE)

Effective: November 1, 2008

Description. This work shall consist of furnishing, installing, maintaining, moving, and removing lighting for nighttime work zones. Nighttime shall be defined as occurring shortly before sunset until after sunrise.

Materials. The lighting shall consist of mobile and/or stationary lighting systems as required herein for the specific type of construction. Mobile lighting systems shall consist of luminaires attached to construction equipment or moveable carts. Stationary lighting systems shall consist of roadway luminaires mounted on temporary poles or trailer mounted light towers at fixed locations. Some lighting systems, such as balloon lights, may be adapted to both mobile and stationary applications.

Equipment. The Contractor shall furnish an illuminance meter for use by the Engineer. The meter shall have a digital display calibrated to NIST standards, shall be cosine and color corrected, and shall have an accuracy of \pm five percent. The sensor shall have a level indicator to ensure measurements are taken in a horizontal plane.

CONSTRUCTION REQUIREMENTS

General. At the preconstruction conference, the Contractor shall submit the type(s) of lighting system to be used and the locations of all devices.

Before nighttime construction may begin, the lighting system shall be demonstrated as being operational.

Nighttime Flagging. The requirements for nighttime flagging shall be according to Article 701.13 of the Standard Specifications and the glare control requirements contained herein.

Lighting System Design. The lighting system shall be designed to meet the following.

- (a) Lighting Levels. The lighting system shall provide a minimum of 5 foot candles (54 lux) throughout the work area. For mobile operations, the work area shall be defined as 25 ft (9 m) in front of and behind moving equipment. For stationary operations, the work area shall be defined as the entire area where work is being performed.

Lighting levels will be measured with an illuminance meter. Readings will be taken in a horizontal plane 3 ft (1 m) above the pavement or ground surface.

- (b) Glare Control. The lighting system shall be designed and operated so as to avoid glare that interferes with traffic, workers, or inspection personnel. Lighting systems with flood, spot, or stadium type luminaires shall be aimed downward at the work and rotated outward no greater than 30 degrees from nadir (straight down). Balloon lights shall be positioned at least 12 ft (3.6 m) above the roadway.

As a large component of glare, the headlights of construction vehicles and equipment shall not be operated within the work zone except as allowed for specific construction operations. Headlights shall never be used when facing oncoming traffic.

Added 12/22/2009

- (c) Light Trespass. The lighting system shall be designed to effectively light the work area without spilling over to adjoining property. When, in the opinion of the Engineer, the lighting is disturbing adjoining property, the Contractor shall modify the lighting arrangement or add hardware to shield the light trespass.

Construction Operations. The lighting design required above shall be provided at any location where construction equipment is operating or workers are present on foot. When multiple operations are being carried on simultaneously, lighting shall be provided at each separate work area.

The lighting requirements for specific construction operations shall be as follows.

- (a) Installation or Removal of Work Zone Traffic Control. The required lighting level shall be provided at each truck and piece of equipment used during the installation or removal of work zone traffic control. Headlights may be operated in the work zone.
- (b) Milling and Paving. The required lighting level shall be provided by mounting a minimum of one balloon light to each piece of mobile construction equipment used in the work zone. This would include milling machines, mechanical sweepers, material transfer devices, spreading and finishing machines, and rollers; but not include trucks used to transport materials and personnel or other vehicles that are continuously moving in and out of the work zone. The headlights of construction equipment shall not be operated within the work zone.
- (c) Patching. The required lighting level shall be provided at each patching location where work is being performed.
- (d) Pavement Marking and Raised Reflective Pavement Marker Removal/Installation. The striping truck and the attenuator/arrow board trucks may be operated by headlights alone; however, additional lighting may be necessary for the operator of the striping truck to perform the work.

For raised reflective pavement marker removal and installation and other pavement marking operations where workers are on foot, the required lighting level shall be provided at each truck and piece of equipment.

- (e) Layout, Testing, and Inspection. The required lighting level shall be provided for each active area of construction layout, material testing, and inspection. The work area shall be defined as 15 ft (7.6 m) in front and back of the individual(s) performing the tasks.

Basis of Payment. This work will be paid for at the contract lump sum price for NIGHTTIME WORK ZONE LIGHTING.

Added 12/22/2009