



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 14, 2009

SUBJECT: FAP Route 330
Project ACBRF-0330 (058)
Section 465 VB-R-1
Cook County
Contract No. 60407
Item No. 100, November 6, 2009 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 page iii of the Table of Contents to the Special Provisions.
3. Added pages 102 - 107 to the Special Provisions.
4. Revised sheets 3, 4, 9 - 20, and 23 - 28 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,

Charles Ingersoll, 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: Diane O'Keefe, Region 1, District 1; Bill Frey; R. E. Anderson; Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60407

State Job # - C-91-322-97
 PPS NBR - 1-89994-0200
 County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 465VB-R-1

Project Number
 ACBRF-0330/058/

Route
 FAP 330

* REVISED : OCTOBER 13, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0320870	BRACED EXCAVATION	CU YD	919.900				
X0322256	TEMP INFO SIGNING	SQ FT	438.000				
X0323080	DRAINAGE SCUPPR DS-12	EACH	16.000				
X0323988	TEMP SOIL RETEN SYSTM	SQ FT	825.000				
X0325426	PCC SUR REM 1 3/4	SQ YD	4,583.000				
X0326693	MAINTENANCE ENCLOSURE	L SUM	1.000				
X0712400	TEMP PAVEMENT	SQ YD	842.000				
X4022000	TEMP ACCESS- COM ENT	EACH	1.000				
X4023000	TEMP ACCESS- ROAD	EACH	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018500	DRAINAGE STR CLEANED	EACH	13.000				
Z0018800	DRAINAGE SYSTEM	L SUM	1.000				
Z0030020	IMP ATTEN FRD NAR TL2	EACH	2.000				
Z0030240	IMP ATTN TEMP NRD TL2	EACH	4.000				
Z0030340	IMP ATTN REL NRD TL2	EACH	4.000				

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Z0034390	MODULAR EXPAN JT 6	FOOT	199.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0073100	TEMP SHORING	EACH	18.000				
Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
20101000	TEMPORARY FENCE	FOOT	4,230.000				
20700400	POROUS GRAN EMB SPEC	CU YD	333.500				
28000400	PERIMETER EROS BAR	FOOT	800.000				
31100300	SUB GRAN MAT A 4	SQ YD	1,827.000				
31200500	STAB SUBBASE HMA 4	SQ YD	974.000				
40600100	BIT MATLS PR CT	GALLON	456.000				
40600400	MIX CR JTS FLANGWYS	TON	1.000				
40601005	HMA REPL OVER PATCH	TON	1.000				
* 40603340	HMA SC "D" N70	TON	145.000				
* DELETED							
* DELETED							

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42001200	PAVEMENT FABRIC	SQ YD	974.000				
42001300	PROTECTIVE COAT	SQ YD	2,882.000				
42001400	BR APPROACH PAVT SPL	SQ YD	654.000				
42001420	BR APPR PVT CON (PCC)	SQ YD	974.000				
42400200	PC CONC SIDEWALK 5	SQ FT	13,636.000				
44000100	PAVEMENT REM	SQ YD	967.000				
44000500	COMB CURB GUTTER REM	FOOT	4,690.000				
44000600	SIDEWALK REM	SQ FT	12,998.000				
44000700	APPROACH SLAB REM	SQ YD	508.000				
44002206	HMA RM OV PATCH 1 1/2	SQ YD	300.000				
44003100	MEDIAN REMOVAL	SQ FT	7,578.000				
44201353	CL C PATCH T2 10	SQ YD	20.000				
44201357	CL C PATCH T3 10	SQ YD	30.000				
44201359	CL C PATCH T4 10	SQ YD	80.000				
44201765	CL D PATCH T2 10	SQ YD	20.000				

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44201769	CL D PATCH T3 10	SQ YD	30.000				
44201771	CL D PATCH T4 10	SQ YD	80.000				
44300200	STRIP REF CR CON TR	FOOT	2,242.000				
50100200	REM EXIST STRUCT	L SUM	1.000				
50157300	PROTECTIVE SHIELD	SQ YD	6,327.000				
50200100	STRUCTURE EXCAVATION	CU YD	4,145.000				
50300225	CONC STRUCT	CU YD	4,002.000				
50300255	CONC SUP-STR	CU YD	3,996.000				
50300260	BR DECK GROOVING	SQ YD	10,640.000				
50300280	CONCRETE ENCASMENT	CU YD	24.000				
50300300	PROTECTIVE COAT	SQ YD	14,843.000				
50500305	ERECT STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	47,796.000				
50800205	REINF BARS, EPOXY CTD	POUND	1,486,530.000				
50800515	BAR SPLICERS	EACH	5,578.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50901730	BRIDGE FENCE RAILING	FOOT	2,490.000				
51100100	SLOPE WALL 4	SQ YD	693.000				
51201400	FUR STL PILE HP10X42	FOOT	2,672.000				
51201800	FUR STL PILE HP14X73	FOOT	8,600.000				
51202305	DRIVING PILES	FOOT	11,272.000				
51203400	TEST PILE ST HP10X42	EACH	2.000				
51203800	TEST PILE ST HP14X73	EACH	4.000				
51205200	TEMP SHT PILING	SQ FT	3,886.000				
51500100	NAME PLATES	EACH	1.000				
52000110	PREF JT STRIP SEAL	FOOT	200.000				
52100010	ELAST BEARING ASSY T1	EACH	96.000				
52100020	ELAST BEARING ASSY T2	EACH	72.000				
52100520	ANCHOR BOLTS 1	EACH	312.000				
52100540	ANCHOR BOLTS 1 1/2	EACH	96.000				
55039700	SS CLEANED	FOOT	400.000				

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58700300	CONCRETE SEALER	SQ FT	12,792.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	133.000				
60109580	P UNDR FOR STRUCT 4	FOOT	207.000				
60300105	FR & GRATES ADJUST	EACH	6.000				
60300305	FR & LIDS ADJUST	EACH	7.000				
60605000	COMB CC&G TB6.24	FOOT	1,433.000				
60605900	COMB CC&G TB9.12	FOOT	1,980.000				
60618300	CONC MEDIAN SURF 4	SQ FT	7,365.000				
60620800	CONC MED TSB9.12	SQ FT	2,312.000				
63200310	GUARDRAIL REMOV	FOOT	1,515.000				
66900200	NON SPL WASTE DISPOSL	CU YD	2,800.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	2.000				
67000400	ENGR FIELD OFFICE A	CAL MO	24.000				
67100100	MOBILIZATION	L SUM	1.000				

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70101800	TRAF CONT & PROT SPL	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	480.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	24.000				
70300100	SHORT-TERM PAVT MKING	FOOT	8,200.000				
70300220	TEMP PVT MK LINE 4	FOOT	21,538.000				
70300500	PAVT MARKING TAPE T3	FOOT	8,200.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	7,560.000				
70400100	TEMP CONC BARRIER	FOOT	6,800.000				
70400200	REL TEMP CONC BARRIER	FOOT	6,800.000				
78000200	THPL PVT MK LINE 4	FOOT	2,763.000				
78003110	PREF PL PM TB LINE 4	FOOT	5,937.000				
78100100	RAISED REFL PAVT MKR	EACH	104.000				
78100105	RAISED REF PVT MKR BR	EACH	144.000				
78200100	MONODIR PRIS BAR REFL	EACH	131.000				
78300200	RAISED REF PVT MK REM	EACH	168.000				

RAISED REFLECTIVE PAVEMENT MARKERS (BDE)..... 90
REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE) 91
REINFORCEMENT BARS (BDE) 91
REINFORCEMENT BARS - STORAGE AND PROTECTION (BDE)..... 92
SILT FILTER FENCE (BDE) 93
SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) 93
TEMPORARY EROSION CONTROL (BDE) 94
THERMOPLASTIC PAVEMENT MARKINGS (BDE) 94
TRAINING SPECIAL PROVISIONS 96
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID) 98
PROGRESS SCHEDULE 102
ADVANCED PUBLIC NOTIFICATION..... 107

Revised 10/14/2009

PROGRESS SCHEDULE

Description. This work shall consist of preparing, revising and updating a detailed progress schedule based upon the Critical Path Method (CPM). This work shall also consist of performing time impact analysis of the progress schedule based upon the various revisions and updates as they occur.

Requirements. The software shall be Primavera SureTrak 3.0 Project Manager, published by Primavera Systems, Inc.

Format. The electronic schedule format shall contain the following:

- a. Project Name: (Optional)
- b. Template: Construction.
- c. Type: SureTrak: Native file format for stand-alone contracts.
- d. Planning Unit: Days (calendar working).
- e. Number/Version: Original or updated number.
- f. Start Date: Not later than ten days after execution of the contract.
- g. Must Finish Date: Completion date for completion date contracts.
- h. Project Title: Contract number.
- i. Company Name: Contractor's name.

Calendars.

- a. Completion Date Contracts. The base calendar shall show the proposed working days of the week and the proposed number of work hours per day.
- b. Working Days Contracts. The base calendar shall show the distribution of working days according to the following table:

MONTH	WORKING DAYS
MAY	15
JUNE	17
JULY	17
AUGUST	17
SEPTEMBER	16
OCTOBER	16
NOVEMBER	14

The number of days shown above shall not be exceeded. The proposed number of hours to be worked per day shall also be shown. No work shall be shown during the period of December 1 and April 30.

Added 10/14/2009

Schedule Development. The detailed schedule shall incorporate the entire contract time. The minimum number of activities shown on the schedule shall represent the work incorporating the pay items whose aggregate contract value constitutes 80 percent of the total contract value. These pay items shall be determined by starting with the pay item with the largest individual contract value and adding subsequent pay item contract values in descending order until 80 percent of the contract value has been attained. Any additional activities required to complete the contract beyond 95 percent and any additional activities required to maintain the continuity of the schedule logic shall also be shown.

The schedule shall be limited exclusively to Finish-to-Start (FS) relationships with no lead or lag duration between schedule activities. Start-to-Start (SS), Start-to-Finish (SF) or Finish-to-Finish (FF) relationships will not be allowed. Activity constraints shall not be used without the approval of the Engineer.

The following shall be depicted in the schedule for each activity:

- a. Activity Identification (ID) Numbers. The Contract shall utilize numerical designations to identify each activity. Numbering of activities shall be in increments of not less than ten digits.
- b. A description of the work represented by the activity (maximum forty-five characters). The use of descriptions referring to a percentage of a multi-element item (i.e., construct deck 50%) shall not be used. Separate activities shall be included to represent different elements of multi-element items (i.e., forms, reinforcing, concrete, etc.). Multiple activities with the same work description shall include a location as part of the description.
- c. Proposed activity duration shall be shown in whole days. The Contractor shall provide production rates to justify the activity duration. Schedule duration shall be contiguous and not interruptible.

The schedule shall indicate the sequence and interdependence of activities required for the prosecution of the work. The schedule logic shall not be violated.

Activities should be broken down such that each activity encompasses a single operation or tightly-integrated operations in a single, contiguous and continuous area of the project, with no activity exceeding \$200,000 without the consent of the Engineer.

Total Float shall be calculated as finish float. The schedule shall be calculated using retained logic. The Contractor shall not sequester float by calendar manipulations or extended duration. Float is not for the exclusive use or benefit of either the Department or the Contractor.

Tabular Reports.

- a. The following tabular reports will be required with each schedule submission:
 1. Classic Gantt
 2. Pert with Time Scale

Added 10/14/2009

- b. The heading of each tabular report shall include, but not be limited to, the project name, contract number, Contractor name, report date, data date, report title and page number.
- c. Each of the tabular reports shall also contain the following minimum information for each activity.
 1. Activity ID
 2. Activity Description
 3. Original Duration (calendar day/working day)
 4. Remaining Duration (calendar day/working day)
 5. Activity Description
 6. Early Start Date
 7. Late Start Date
 8. Early Finish Date
 9. Late Finish Date
 10. Percent Complete
 11. Total Float
 12. Calendar ID
 13. Work performed by DBE Subcontractors and Trainees shall be shown in the Gantt Report.
- d. Reports shall be printed in color on 8.5 in. x 14 in. (minimum) size sheets. The Classic Gantt shall show all columns, bars, column headings at the top, time scale at the top and shall show relationships.

Submission Requirements. The initial schedule shall be submitted prior to starting work but no later than five calendar days after execution of the contract. Updated schedules shall be submitted according to Article 108.02 except that as a minimum, updated schedules will be required at the 25, 50, and 75 percent completion points of the contract.

Updating.

- a. The Contractor shall not make any changes to the original duration, activity relationships, constraints, costs, add or delete activities, or alter the schedule's logic when updating the schedule.
- b. The originally approved baseline CPM schedule will be designated as the "Target Schedule" and shall only be changed based on a Change Order that extends the Contract duration. All updates will be plotted against the "Target Schedule."

Added 10/14/2009

- If the Contractor believes any such changes result in an overall increase in the contract time, the Contractor will immediately submit a request for extension of time along with the changed progress schedule and a detailed justification for the time extension request in accordance with Article 108.08.
- c. The updated information will include the original schedule detail and the following additional information:
 1. Actual start dates
 2. Actual finish dates
 3. Activity percent completion
 4. Remaining duration of activities in progress
 5. Identified or highlighted critical activities
 - d. The Contractor shall submit scheduling documents in the same formats and number as indicated in this section.
 - e. The Engineer shall withhold progress payments if the Contractor does not submit scheduled updates as required.
 - f. Upon receipt of the CPM schedule update, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer, within fourteen (14) Days after receipt of the Updated CPM Schedule and supporting documents, will approve or reject it with written comments. If the Updated CPM schedule is rejected, the Contractor must submit a Revised Updated CPM Schedule within seven (7) Days after the date of rejection.
 - g. The updated progress schedule must accurately represent the Project's current status.

Contractor Changes to the Schedule.

The Contractor shall comply with the following requirements regarding proposed changes to the approved baseline CPM schedule:

- a. If the Contractor proposes to make any changes in the approved baseline CPM schedule, the Contractor shall notify the Engineer in writing, stating the reasons for the change, identifying each changed activity (including duration and interrelationships between activities) and providing a diskette of the proposed changed schedule. Every effort must be made by the Contractor to retain the original Activity ID numbers.
- b. The Engineer has the authority to approve or disapprove the proposed change in the baseline CPM schedule and shall do so in writing within ten (10) Days after receipt to the Contractor's submission. If the Engineer approves the change in the baseline. All monthly updates will be plotted against the new "Target Schedule".

Added 10/14/2009

- c. If the Engineer approves a portion of the change to the baseline CPM schedule, the Contractor shall submit a revised CPM schedule incorporating such change(s) within ten (10) Days after approval along with a written description of the change(s) to the schedule.

Recovery Schedule.

- a. The Contractor shall maintain an adequate work force and the necessary materials, supplies and equipment to meet the current approved baseline CPM schedule. In the event that the Contractor, in the judgment of the Engineer, is failing to meet the approved CPM schedule including any Contract milestones, the Contractor shall submit a recovery schedule.
- b. The recovery schedule shall set forth a plan to eliminate the schedule slippage (negative float). The plan must be specific to show the methods to achieve the recovery of time, i.e. increasing manpower, working overtime, weekend work, employing multiple shifts. All costs associated with implementing the recovery schedule shall be borne by the Contractor.
- c. Upon receipt of the CPM recovery schedule, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer will approve the schedule or reject it with written comments within fourteen (14) Days of receipt of the recovery schedule and supporting documents. If the detailed CPM recovery schedule is rejected, the Contractor must submit a revised CPM recovery schedule within seven (7) Days of the date of rejection.

Revised Schedule.

- a. The Engineer may direct the Contractor to revise the approved CPM schedule. Reasons for such direction may include, but are limited to, the following: (1) changes in the Work, (2) re-phasing of the Project or any phase, (3) a change in the duration of the Project or phase, and (4) acceleration of the Project or phase.
- b. The Engineer will direct the Contractor to provide a revised CPM schedule in writing.
- c. The Contractor will provide the revised CPM schedule within ten (10) Days of receipt of the Engineer's written direction.
- d. The Engineer has the authority, in its sole discretion, to approve or reject the revised CPM schedule and will do so in writing within ten (10) Days after receipt of the Contractor's submission. If the Engineer approves the revised schedule, such schedule will be designated the new "Target Schedule".

The schedule shall be submitted in the Sorted by Activity Layout (SORT4). The activities on the schedule shall be plotted using early start, late start, early finish, late finish and total finish.

For every schedule submission, the Contractor shall submit to the Engineer, four Windows XP compatible compact disks of all schedule data. Included on the disks shall be all of the tabular and graphic reports, network diagrams and bar chart data.

Added 10/14/2009

Two copies shall be submitted on CD/R disks and two copies shall be submitted on CDD/RW disks. In addition, four plots of the CD/R disks will be approved initial or revised progress schedule for the contract. The approval will be documented by the Engineer on a corresponding plot of the schedule and returned to the Contractor.

Four copies of each schedule submission shall be printed in color on 8.5 in. x 14 in. (minimum) size sheets showing all columns, bars, column headings at the top, time scale at the top and showing relationships.

The schedule shall indicate the critical path to contract completion. Only one controlling item shall be designated at any point in time on the schedule.

Acceptance or approval of any progress schedule by the Engineer shall not be construed to imply approval of any particular method of construction, sequence of construction, any implied or stated rate of production. Acceptance will not act as a waiver of the obligation of the Contractor to complete the work in accordance with the contract proposal, plans and specifications, modify any rights or obligations of the Department as set forth in the contract, nor imply any obligation of a third party. Acceptance shall not be construed to modify or amend the contract or the time limit(s) therein. Acceptance shall not relieve the Contractor of the responsibility for the accuracy of any of the information included on the schedule. Failure of the Contractor to include in the schedule any element of work required for the performance of the contract, any sequence of work required by the contract, or any known or anticipated condition affecting the work shall not excuse the Contractor from completing all work required within the time limit(s) specified in the contract notwithstanding acceptance of the schedule by the Engineer.

Basis of Payment. This work will not be paid for separately, but shall be considered as included in the costs of the various items of work in the contract.

ADVANCED PUBLIC NOTIFICATION

This work shall consist of furnishing, installing, maintaining, relocating for various stages of construction and eventually removing the advanced signing.

The Contractor shall provide notice to the public a minimum of 14 day in advance of any work that requires the closure of lanes and/or change in traffic patterns through the use of a changeable message sign or temporary information signing.

Method of Measurement. Temporary information signs will be measured for payment in place and the surface area of the front of the sign computed in square feet. The surface area is determined by calculating the area of the smallest rectangle, measured from edge-to-edge (horizontally and vertically), that will circumscribe an individual sign.

Basis of Payment. This work will be paid for at the contract unit price per calendar month for each sign for CHANGEABLE MESSAGE SIGN or at the contract unit price per square foot TEMPORARY INFORMATION SIGNING.

Added 10/14/2009