Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 18, 2014

SUBJECT: FAP Route 362 (Barrington Road)
Project ACCM-0362(003)
Section 0105R-N(12)
Cook County
Contract No. 60T96
Item No. 21, August 1, 2014 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 ii of the Table of Contents to the Special Provisions.
3. Revised pages 130-133 of the Special Provisions.
4. Revised sheet 4 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,

John D. Baranzelli, P.E.
Acting Engineer of Design and Environment

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

cc: John Fortmann, Region 1, District 1, Tim Kell; Estimates

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 60T96

State Job # - C-91-504-12

County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 0105R-N(12)

Project Number
ACCM-0362/003/
*REVISED: JULY 16, 2014

Route
FAP 362

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
K0013000	P PL PRAIRI 2X4 DPPLG	UNIT	2.000				
X0326139	TEMP TRAF SIG WOOD PL	EACH	1.000				
X2502014	SEEDING CL 4A MOD	ACRE	0.060				
X4060110	BIT MATLS PR CT	POUND	3,632.000				
X6030310	FR & LIDS ADJUST SPL	EACH	4.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X8620200	UNINTER POWER SUP SPL	EACH	1.000				
X8710024	FOCC62.5/125 MM12SM24	FOOT	1,090.000				
X8730250	ELCBL C 20 3C TW SH	FOOT	235.000				
Z0004562	COMB C C&G REM & REPL	FOOT	560.000				
Z0027800	GEOTECH FABRIC	SQ YD	647.000				
Z0030850	TEMP INFO SIGNING	SQ FT	52.000				
Z0033046	RE-OPTIMIZE SIG SYS 2	EACH	1.000				
Z0070100	SURV MONUMENT COV ASY	EACH	1.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				

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20101000	TEMPORARY FENCE	FOOT	750.000				
20201200	REM & DISP UNS MATL	CU YD	397.000				
20400800	FURNISHED EXCAVATION	CU YD	295.000				
20800150	TRENCH BACKFILL	CU YD	49.000				
21101635	TOPSOIL F & P 9	SQ YD	1,018.000				
25000210	SEEDING CL 2A	ACRE	0.150				
25100630	EROSION CONTR BLANKET	SQ YD	1,018.000				
28000400	PERIMETER EROS BAR	FOOT	450.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	647.000				
35600704	HMA BC WID 7	SQ YD	491.000				
40600400	MIX CR JTS FLANGEWYS	TON	8.500				
40600827	P LB MM IL-4.75 N50	TON	226.000				
40600982	HMA SURF REM BUTT JT	SQ YD	104.000				
40603595	P HMA SC "F" N90	TON	528.000				
42001300	PROTECTIVE COAT	SQ YD	207.000				

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42400200	PC CONC SIDEWALK 5	SQ FT	180.000				
42400800	DETECTABLE WARNINGS	SQ FT	20.000				
44000159	HMA SURF REM 2 1/2	SQ YD	4,891.000				
50100100	REM EXIST STRUCT	EACH	1.000				
54213675	PRC FLAR END SEC 30	EACH	1.000				
550A0140	STORM SEW CL A 1 30	FOOT	82.000				
55106025	SS INSTALL 12	FOOT	41.000				
60107600	PIPE UNDERDRAINS 4	FOOT	500.000				
60201340	CB TA 4 DIA T24F&G	EACH	5.000				
60203905	CB TA 5 DIA T1F CL	EACH	1.000				
60237470	INLETS TA T24F&G	EACH	1.000				
60300105	FR & GRATES ADJUST	EACH	6.000				
60500040	REMOV MANHOLES	EACH	1.000				
60500050	REMOV CATCH BAS	EACH	41.000				
64300260	IMP ATTEN FRD NAR TL3	EACH	2.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	993.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	214.000				
70300220	TEMP PVT MK LINE 4	FOOT	2,363.000				
70300240	TEMP PVT MK LINE 6	FOOT	1,075.000				
70300260	TEMP PVT MK LINE 12	FOOT	141.000				
70300280	TEMP PVT MK LINE 24	FOOT	131.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	581.000				
70400100	TEMP CONC BARRIER	FOOT	500.000				
72000100	SIGN PANEL T1	SQ FT	12.000				
72000200	SIGN PANEL T2	SQ FT	20.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	214.000				
78000200	THPL PVT MK LINE 4	FOOT	2,363.000				

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78000400	THPL PVT MK LINE 6	FOOT	1,075.000				
78000600	THPL PVT MK LINE 12	FOOT	141.000				
78000650	THPL PVT MK LINE 24	FOOT	138.000				
78100100	RAISED REFL PAVT MKR	EACH	100.000				
78300200	RAISED REF PVT MK REM	EACH	85.000				
81028200	UNDRGRD C GALVS 2	FOOT	514.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	8.000				
81028220	UNDRGRD C GALVS 3	FOOT	28.000				
81028240	UNDRGRD C GALVS 4	FOOT	125.000				
81400100	HANDHOLE	EACH	3.000				
81400200	HD HANDHOLE	EACH	2.000				
85000200	MAIN EX TR SIG INSTAL	EACH	2.000				
87300925	ELCBL C TRACER 14 1C	FOOT	2,825.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	425.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	420.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87301305	ELCBL C LEAD 14 1PR	FOOT	1,145.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	1,350.000				
87502500	TS POST GALVS 16	EACH	1.000				
87700230	S MAA & P 38	EACH	1.000				
87800100	CONC FDN TY A	FOOT	4.000				
87800415	CONC FDN TY E 36D	FOOT	11.000				
87900200	DRILL EX HANDHOLE	EACH	9.000				
88030020	SH LED 1F 3S MAM	EACH	4.000				
88030100	SH LED 1F 5S BM	EACH	4.000				
88030110	SH LED 1F 5S MAM	EACH	4.000				
88102717	PED SH LED 1F BM CDT	EACH	4.000				
88102747	PED SH LED 2F BM CDT	EACH	2.000				
88200210	TS BACKPLATE LOU ALUM	EACH	8.000				
88500100	INDUCTIVE LOOP DETECT	EACH	1.000				
88600100	DET LOOP T1	FOOT	515.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88800100	PED PUSH-BUTTON	EACH	8.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89501400	REL EM VEH PR SYS D U	EACH	1.000				
89502210	MOD EX CONTR CAB	EACH	3.000				
89502300	REM ELCBL FR CON	FOOT	7,075.000				
89502375	REMOV EX TS EQUIP	EACH	1.000				
89502380	REMOV EX HANDHOLE	EACH	2.000				

Revised 7/18/14

QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)
Effective: January 1, 2012 Revised: January 1, 2014

Revise Note 7/ of Schedule B of Recurring Special Provision Check Sheet #31 of the Standard Specifications to read:

7/ The test of record for strength shall be the day indicated in Article 1020.04. For cement aggregate mixture II, a strength requirement is not specified and testing is not required. Additional strength testing to determine early falsework and form removal, early pavement or bridge opening to traffic, or to monitor strengths is at the discretion of the Contractor. Strength shall be defined as the average of two 6 x 12 in. (150 x 300 mm) cylinder breaks, three 4 x 8 in. (100 x 200 mm) cylinder breaks, or two beam breaks for field tests. Per Illinois Modified AASHTO T 23, cylinders shall be 6 x 12 in. (150 x 300 mm) when the nominal maximum size of the coarse aggregate exceeds 1 in. (25 mm).

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Revise Article 669.01 of the Standard Specifications to read:

"669.01 Description. This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities."

Revise Article 669.08 of the Standard Specifications to read:

"**669.08 Contaminated Soil and/or Groundwater Monitoring.** The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

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Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective."

Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

"**669.09 Contaminated Soil and/or Groundwater Management and Disposal.** The management and disposal of contaminated soil and/or groundwater shall be according to the following:

(a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:

(1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

(2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

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(5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

(b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as "uncontaminated soil" according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation for the following reason.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

(2) The soil exhibited elevated photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID) readings.

(c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed TACO Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 IAC 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way or managed and disposed of off-site as "uncontaminated soil" according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.

(d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer."

Revise Article 669.14 of the Standard Specifications to read:

"**669.14 Final Environmental Construction Report.** At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District's Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

(a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,

(b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site assessment (PESA) site number),

(c) Plan sheets showing the areas containing the regulated substances,

(d) Field sampling and testing results used to identify the nature and extent of the regulated substances,

(e) Waste manifests (identified by the preliminary environmental site assessment (PESA) site number) for special or hazardous waste disposal, and

(f) Landfill tickets (identified by the preliminary environmental site assessment (PESA) site number) for non-special waste disposal."

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

"The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL."

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 sites contaminated with gasoline, diesel, or waste oil 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. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either "uncontaminated soil" or non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District's Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

- Station 99+00 to Station 105+00 0 to 100 feet LT (Arthur L Janura Forest Preserve, PESA Site 2217-1, 800 block of Barrington Road). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.

Revised 7/18/14