

February 19, 2014

SUBJECT: FAP Route 350 (IL 50) Project ACHSIP-0350(040) Section 461TS-2 (13) Cook County Contract No. 60X25 Item No. 005, February 28, 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 125-128 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

Jetter abechlyon DE.

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

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

MS/kf

C-91-046-14 State Job # -

Project Number ACHSIP-0350/040/ Route

FAP 350

County Name -COOK--Code -31 - -1 - -District -

461TS-2(13)

Section Number -

*REVISED: FEBRUARY 19, 2014

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0323927	MAINTAIN LIGHTING SYS	EACH	1.000				
X0324085	EM VEH P S LSC 20 3C	FOOT	645.000				
X0327698	LED IN IL STNAME SIGN	EACH	4.000				
X4402805	ISLAND REMOVAL	SQ FT	551.000				
X8100105	CONDUIT SPLICE	EACH	6.000				
X8571215	RR FAC & TY IV CAB SP	EACH	1.000				
X8620200	UNINTER POWER SUP SPL	EACH	1.000				
X8710024	FOCC62.5/125 MM12SM24	FOOT	2,407.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0033044	RE-OPTIMIZE SIG SYS 1	EACH	1.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				
Z0076600	TRAINEES	HOUR	500.000		0.800		400.000
Z0076604	TRAINEES TPG	HOUR	500.000		15.000		7,500.000
20201200	REM & DISP UNS MATL	CU YD	7.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
20700220	POROUS GRAN EMBANK	CU YD	7.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	20.000				
21101615	TOPSOIL F & P 4	SQ YD	325.000				
25000400	NITROGEN FERT NUTR	POUND	6.000				
25000500	PHOSPHORUS FERT NUTR	POUND	6.000				
25000600	POTASSIUM FERT NUTR	POUND	6.000				
25200110	SODDING SALT TOLERANT	SQ YD	325.000				
25200200	SUPPLE WATERING	UNIT	1.000				
28000510	INLET FILTERS	EACH	10.000				
31101200	SUB GRAN MAT B 4	SQ YD	713.000				
35300400	PCC BSE CSE 9	SQ YD	330.000				
40603085	HMA BC IL-19.0 N70	TON	75.000				
40603340	HMA SC "D" N70	TON	30.000				
42400200	PC CONC SIDEWALK 5	SQ FT	3,583.000				
42400800	DETECTABLE WARNINGS	SQ FT	115.000				

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ltem		Unit of					
Number	Pay Item Description	Measure	Quantity	X	Unit Price	=	Total Price
44000100	PAVEMENT REM	SQ YD	466.000				
44000500	COMB CURB GUTTER REM	FOOT	520.000				
44000600	SIDEWALK REM	SQ FT	2,559.000				
60261300	INLETS ADJ NEW T11F&G	EACH	1.000				
60603800	COMB CC&G TB6.12	FOOT	546.000				
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	50.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	4.000				
67100100	MOBILIZATION	L SUM	1.000				
70102632	TR CONT & PROT 701602	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
72000100	SIGN PANEL T1	SQ FT	48.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	110.000				
78000200	THPL PVT MK LINE 4	FOOT	1,610.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	_	Total Price
78000400		FOOT	827.000	~	011111100		
78000600		FOOT	45.000				
78000650	THPL PVT MK LINE 24	FOOT	225.000				
78300100	PAVT MARKING REMOVAL	SQ FT	1,375.000				
80500020	SERV INSTALL POLE MT	EACH	1.000				
81028200	UNDRGRD C GALVS 2	FOOT	1,787.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	78.000				
81028220	UNDRGRD C GALVS 3	FOOT	88.000				
81028240	UNDRGRD C GALVS 4	FOOT	569.000				
81028730	UNDRGRD C CNC 1 1/4	FOOT	100.000				
81400100	HANDHOLE	EACH	6.000				
81400200	HD HANDHOLE	EACH	5.000				
81400300	DBL HANDHOLE	EACH	3.000				
81702110	EC C XLP USE 1C 10	FOOT	2,680.000				
81702130	EC C XLP USE 1C 6	FOOT	880.000			<u> </u>	

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81702140	EC C XLP USE 1C 4	FOOT	2,640.000				
82103400	LUM SV HOR MT PC 400W	EACH	7.000				
84200500	REM LT UNIT SALV	EACH	7.000				
84200804	REM POLE FDN	EACH	7.000				
85000200	MAIN EX TR SIG INSTAL	EACH	2.000				
85100500	PT NEW TRAF SIG POST	EACH	7.000				
85100901	PT NEW COM MA&P>=40FT	EACH	4.000				
86400100	TRANSCEIVER - FIB OPT	EACH	1.000				
87300925	ELCBL C TRACER 14 1C	FOOT	2,355.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	2,466.000				***************************************
87301225	ELCBL C SIGNAL 14 3C	FOOT	2,587.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	3,213.000				
87301255		FOOT	2,369.000				
87301305		FOOT	2,422.000				
	ELCBL C RAILRD 14 3C	FOOT	310.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87301805	ELCBL C SERV 6 2C	FOOT	343.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	1,024.000				
87502440	TS POST GALVS 10	EACH	3.000				
87502500	TS POST GALVS 16	EACH	4.000				
87702970	STL COMB MAA&P 48	EACH	1.000				
87702980	STL COMB MAA&P 50	EACH	1.000				
87703000	STL COMB MAA&P 55	EACH	2.000				
87800100	CONC FDN TY A	FOOT	28.000				
87800150	CONC FDN TY C	FOOT	4.000				
87800415	CONC FDN TY E 36D	FOOT	60.000				
87900200	DRILL EX HANDHOLE	EACH	1.000				
88030012	SH LED 1F 1S BM	EACH	1.000				
88030020	SH LED 1F 3S MAM	EACH	11.000				
88030110	SH LED 1F 5S MAM	EACH	5.000				
88030220	SH LED 2F 5S BM	EACH	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88030240	SH LED 2F 1-3 1-5 BM	EACH	3.000				
88102710	PED SH LED 1F BM	EACH	8.000				
88200210	TS BACKPLATE LOU ALUM	EACH	16.000				
88500100	INDUCTIVE LOOP DETECT	EACH	10.000				
88600100	DET LOOP T1	FOOT	955.000				
88700200	LIGHT DETECTOR	EACH	3.000				
88700300	LIGHT DETECTOR AMP	EACH	1.000				
88800100	PED PUSH-BUTTON	EACH	8.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89502300	REM ELCBL FR CON	FOOT	5,722.000				
89502375	REMOV EX TS EQUIP	EACH	1.000				
89502380	REMOV EX HANDHOLE	EACH	14.000				
89502385	REMOV EX CONC FDN	EACH	9.000				

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PROGRESS PAYMENTS (BDE)	
QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIX	XTURES (BDE) 124
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES	
REMOVAL AND DISPOSAL OF SURPLUS MATERIALS (BDE)	
TRACKING THE USE OF PESTICIDES (BDE)	
TRAINING SPECIAL PROVISIONS (BDE)	
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAIN	ING SPECIAL PROVISION
(TPG)	
WARM MIX ASPHALT (BDE)	
WEEKLY DBE TRUCKING REPORTS (BDE)	
WORKING DAYS (BDE)	140

Revised 2/19/14

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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.

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:

FAP Route 350 (IL 50) Project ACHSIP-0350(040) Section 461TS-2(13) Cook County Contract 60X25

- (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.
- (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."

<u>Qualifications</u>. 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.

<u>General.</u> 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. <u>This work</u> <u>shall include monitoring and potential sampling, analytical testing, and management of a material contaminated</u> <u>by regulated substances</u>. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. <u>Phase I Preliminary Engineering information is available through the</u> <u>District's Environmental Studies Unit</u>. 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 16+60 to Station 20+00 (Southwest Highway) 0 to 80 feet LT (Jedi's Restaurant & Grill, PESA Site 2778-1, 9266 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene, Ethylbenzene, Xylenes, Benzo(a)Pyrene, Naphthalene, Lead, and Manganese.
- Station 18+00 to Station 20+00 (Southwest Highway) 0 to 80 feet RT (Commercial Building, PESA Site 2778-4, 9300-9304 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene and Lead.
- Station 109+80 to Station 113+40 (Cicero Avenue) 0 to 80 feet LT (Commercial Building, PESA Site 2778-4, 9300-9304 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene and Lead.
- Station 113+40 to Station 116+80 (Cicero Avenue) 0 to 80 feet LT (Jedi's Restaurant & Grill, PESA Site 2778-1, 9266 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene, Ethylbenzene, Xylenes, Benzo(a)Pyrene, Naphthalene, Lead, and Manganese.
- Station 16+60 to Station 18+00 (Southwest Highway) 0 to 80 feet RT (Oil N Go, PESA Site 2778-B, 4817 West 93rd Street). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead.
- Station 20+00 to Station 23+50 (Southwest Highway) 0 to 80 feet LT (Boston Market, PESA Site 2778-2, 9267 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)Pyrene, Lead, and Manganese.
- Station 20+00 to Station 23+50 (Southwest Highway) 0 to 80 feet RT (Mike Haggerty Buick/GMC, PESA Site 2778-3, 9301 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)Pyrene, Lead, and Manganese.
- Station 109+80 to Station 113+40 (Cicero Avenue) 0 to 160 feet RT (Mike Haggerty Buick/GMC, PESA Site 2778-3, 9301 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)Pyrene, Lead, and Manganese.
- Station 113+40 to Station 116+80 (Cicero Avenue) 0 to 80 feet RT (Boston Market, PESA Site 2778-2, 9267 South Cicero Avenue). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzo(a)Pyrene, Lead, and Manganese.

Revised 2/19/14