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

April 9, 2013

SUBJECT: FAU Route 1587(127th Street)
Project M-1587(006)
Section 3034-RS-5
Cook County
Contract No. 60L82
Item No. 5, April 26, 2013 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. Revised the Schedule of Prices.
2. Revised pages 36-40 of the Special Provisions.
3. Revised sheet 5 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; Mike Renner; Estimates

dp

# ILLINOIS DEPARTMENT OF TRANSPORTATION
## SCHEDULE OF PRICES

CONTRACT NUMBER - 60L82

State Job # - C-91-038-11

| | Project Number | Route |
|---|---|---|
| County Name - COOK- - | M-1587/006/ | FAU 1587 |
| Code - 31 - - | * REVISED: APRIL 08, 2013 | |
| District - 1 - - | | |
| Section Number - 3034-RS-S | | |

| Item Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|---|---|---|---|---|---|---|---|
| X0322936 | REMOV EX FLAR END SEC | EACH | 6.000 | | | | |
| X2020110 | GRADING & SHAP SHLDRS | UNIT | 83.000 | | | | |
| X4020700 | AGG SURF CSE B 8 | SQ YD | 95.000 | | | | |
| X4021000 | TEMP ACCESS- PRIV ENT | EACH | 5.000 | | | | |
| X5537800 | SS CLEANED 12 | FOOT | 244.000 | | | | |
| X6024090 | MAN TA 6 DIA SPL F&G | EACH | 4.000 | | | | |
| X6030310 | FR & LIDS ADJUST SPL | EACH | 6.000 | | | | |
| X6060500 | CORRUGATED MED REM | SQ FT | 84.000 | | | | |
| Z0004562 | COMB C C&G REM & REPL | FOOT | 138.000 | | | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1.000 | | | | |
| Z0018304 | DRAINAGE STR T2 SPL | EACH | 1.000 | | | | |
| Z0018500 | DRAINAGE STR CLEANED | EACH | 13.000 | | | | |
| Z0029604 | HEADWALL REMOVAL | EACH | 2.000 | | | | |
| Z0030850 | TEMP INFO SIGNING | SQ FT | 51.400 | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 211.500 | | | | |

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|---|---|---|---|---|---|---|---|
| 20400800 | FURNISHED EXCAVATION | CU YD | 143.400 | | | | |
| 20800150 | TRENCH BACKFILL | CU YD | 314.000 | | | | |
| 21101615 | TOPSOIL F & P 4 | SQ YD | 4,600.000 | | | | |
| 21400100 | GRADING & SHAP DITCH | FOOT | 1,040.000 | | | | |
| 25000400 | NITROGEN FERT NUTR | POUND | 86.000 | | | | |
| 25000500 | PHOSPHORUS FERT NUTR | POUND | 86.000 | | | | |
| 25000600 | POTASSIUM FERT NUTR | POUND | 86.000 | | | | |
| 25200110 | SODDING SALT TOLERANT | SQ YD | 4,600.000 | | | | |
| 25200200 | SUPPLE WATERING | UNIT | 230.000 | | | | |
| 28000250 | TEMP EROS CONTR SEED | POUND | 95.000 | | | | |
| 28000305 | TEMP DITCH CHECKS | FOOT | 100.000 | | | | |
| 28000400 | PERIMETER EROS BAR | FOOT | 2,540.000 | | | | |
| 28000510 | INLET FILTERS | EACH | 11.000 | | | | |
| 28001100 | TEMP EROS CONTR BLANK | SQ YD | 4,600.000 | | | | |
| 35501308 | HMA BASE CSE 6 | SQ YD | 332.000 | | | | |

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|---|---|---|---|---|---|---|---|
| 40600200 | BIT MATLS PR CT | TON | 18.000 | | | | |
| 40600300 | AGG PR CT | TON | 95.000 | | | | |
| 40600400 | MIX CR JTS FLANGEWYS | TON | 10.000 | | | | |
| 40600827 | P LB MM IL-4.75 N50 | TON | 943.000 | | | | |
| 40600895 | CONSTRUC TEST STRIP | EACH | 2.000 | | | | |
| 40600982 | HMA SURF REM BUTT JT | SQ YD | 355.000 | | | | |
| 40601005 | HMA REPL OVER PATCH | TON | 285.000 | | | | |
| 40603335 | HMA SC "D" N50 | TON | 50.000 | | | | |
| 40603340 | HMA SC "D" N70 | TON | 2,031.000 | | | | |
| 42001300 | PROTECTIVE COAT | SQ YD | 56.000 | | | | |
| 44000158 | HMA SURF REM 2 1/4 | SQ YD | 23,606.000 | | | | |
| 44000200 | DRIVE PAVEMENT REM | SQ YD | 426.000 | | | | |
| 44002213 | HMA RM OV PATCH 3 1/4 | SQ YD | 1,520.000 | | | | |
| 44201761 | CL D PATCH T1 10 | SQ YD | 203.000 | | | | |
| 44201765 | CL D PATCH T2 10 | SQ YD | 236.000 | | | | |

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|---|---|---|---|---|---|---|---|
| 44201769 | CL D PATCH T3 10 | SQ YD | 215.000 | | | | |
| 44201771 | CL D PATCH T4 10 | SQ YD | 515.000 | | | | |
| 48102100 | AGG WEDGE SHLD TYPE B | TON | 297.000 | | | | |
| 50105220 | PIPE CULVERT REMOV | FOOT | 539.000 | | | | |
| 54214509 | PRC FL END S EQ RS 24 | EACH | 12.000 | | | | |
| 550A0190 | STORM SEW CL A 1 48 | FOOT | 780.000 | | | | |
| 550A0480 | STORM SEW CL A 2 48 | FOOT | 156.000 | | | | |
| 550A4100 | SS CL A 1 EQRS 24 | FOOT | 251.000 | | | | |
| 55101900 | STORM SEWER REM 48 | FOOT | 52.000 | | | | |
| 60624600 | CORRUGATED MED | SQ FT | 84.000 | | | | |
| *ADD 66900200 | NON SPL WASTE DISPOSAL | CU YD | 220.000 | | | | |
| *ADD 66900450 | SPL WASTE PLNS/REPORT | L SUM | 1.000 | | | | |
| *ADD 66900530 | SOIL DISPOSAL ANALY | EACH | 1.000 | | | | |
| 67000400 | ENGR FIELD OFFICE A | CAL MO | 8.000 | | | | |
| 67100100 | MOBILIZATION | L SUM | 1.000 | | | | |

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|---|---|---|---|---|---|---|---|
| 70102620 | TR CONT & PROT 701501 | L SUM | 1.000 | | | | |
| 70102625 | TR CONT & PROT 701606 | L SUM | 1.000 | | | | |
| 70102635 | TR CONT & PROT 701701 | L SUM | 1.000 | | | | |
| 70300100 | SHORT TERM PAVT MKING | FOOT | 6,220.000 | | | | |
| 70300210 | TEMP PVT MK LTR & SYM | SQ FT | 75.000 | | | | |
| 70300220 | TEMP PVT MK LINE 4 | FOOT | 14,670.000 | | | | |
| 70300240 | TEMP PVT MK LINE 6 | FOOT | 385.000 | | | | |
| 70300260 | TEMP PVT MK LINE 12 | FOOT | 455.000 | | | | |
| 70300280 | TEMP PVT MK LINE 24 | FOOT | 130.000 | | | | |
| 70301000 | WORK ZONE PAVT MK REM | SQ FT | 2,075.000 | | | | |
| 78000100 | THPL PVT MK LTR & SYM | SQ FT | 75.000 | | | | |
| 78000200 | THPL PVT MK LINE 4 | FOOT | 14,670.000 | | | | |
| 78000400 | THPL PVT MK LINE 6 | FOOT | 385.000 | | | | |
| 78000600 | THPL PVT MK LINE 12 | FOOT | 455.000 | | | | |
| 78000650 | THPL PVT MK LINE 24 | FOOT | 130.000 | | | | |

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|---|---|---|---|---|---|---|---|
| 78100100 | RAISED REFL PAVT MKR | EACH | 170.000 | | | | |
| 78300200 | RAISED REF PVT MK REM | EACH | 170.000 | | | | |
| 88600600 | DET LOOP REPL | FOOT | 601.000 | | | | |

Heat shrink splices shall be used according to the "District 1 Standard Traffic Signal Design Details."

Drilling handholes, sawing the pavement, furnishing and installing unit-duct to the appropriate handhole, cable splicing to provide a fully operable detector loop, testing and all trench and backfill shall be included in this item.

Detector loop replacement shall be measured along the sawed slot in the pavement containing the loop and lead-in, rather than the actual length of the wire in the slot.

Basis of Payment. Detector Loop Replacement shall be paid for at the contract unit price per foot (meter) of DETECTOR LOOP REPLACEMENT.

MAGNETIC DETECTOR REMOVAL AND DETECTOR LOOP INSTALLATION. This work shall consist of the removal of existing magnetic detectors, magnetic detector lead-in cable and magnetic detection amplifiers and related control equipment wiring, installation of detector lead-in cable, detector loops, detector amplifiers and related equipment wiring. The detector loop, cable, and amplifier shall be installed according to the applicable portions of the "Standard Specifications" and the applicable portions of the Special Provision for "Detector Loop Replacement." All drilling of handholes, furnishing and installing unit duct, cable splicing, trench and backfill, removal of equipment, and pulling cable from conduit shall be included in this item.

Basis of Payment. Magnetic Detector Removal and Detector Loop Installation shall be paid for at the contract unit price per foot (meter) for DETECTOR LOOP, TYPE I, per each for INDUCTIVE LOOP DETECTOR, and foot (meter) for ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR.

**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."

Revised 4-9-2013

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:

(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 but the pH of the soil is less than 6.25 or greater than 9.0, 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.

Revised 4-9-2013

(c) 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 investigation (PESA) site number),

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

(c) 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 investigation (PESA) site number) for special or hazardous waste disposal, and

(f) Landfill tickets (identified by the preliminary environmental site investigation (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 124+40 to Station 127+20 0 to 50 feet RT (Incarnation Parish, PESA Site 2269-8, 5757 West 127th Street). 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: PNAs.
- Station 132+45 to Station 134+70 0 to 60 feet RT (Residences, PESA Site 2269-5, 12720 Carriage Lane and 12721 Park Place). This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance to Article 669.09.

**AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE)**

Effective: January 1, 2008
Description. This work shall consist of furnishing and operating automated flagger assistance