



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 15, 2006

SUBJECT: FAI Route 94/90
Project ACIM-000S (517)
Section (2021-922 PT 2 ETC 2324.6-1P) R-11
Cook County
Contract No. 62303
Item No. 4X, September 22, 2006 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised pages 1, 3, 5, 13, 15 & 16 of the Schedule of Prices.
2. Revised pages iii – vi of the Table of Contents to the Special Provisions.
3. Revised pages 62, 63, 93, 129 & 131 of the Special Provisions.
4. Deleted pages 10 & 130 of the Special Provisions.
5. Revised sheets 11, 12 & 15 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,

Michael L. Hine
Engineer 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; N. R. Stoner; Roger Driskell; R. E. Anderson; Estimates; Design & Environment File

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 62303

State Job # - C-91-420-01
 PPS NBR - 1-74823-0514
 County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - (2021-922PT2ETC2324.6-P)R-11

Project Number
 ACIM-000S/517/

Route
 FAI 90
 FAI 94

| Item Number | Pay Item Description | Unit of Measure | Quantity | x | Unit Price | = | Total Price |
|-------------|-----------------------|-----------------|-----------|---|------------|---|---------------------------------|
| X6640050 | CH LK FENCE 42 ATS SP | FOOT | 1,645.000 | | | | |
| X6640500 | CH LK GATE ASSMBLY SP | EACH | 1.000 | | | | |
| X6700600 | ENGR FIELD LAB SPL | CAL MO | 13.000 | | | | |
| X7011008 | TC-PROT ALT ROUTE SN | CAL MO | 13.000 | | | | |
| X7011015 | TR C-PROT EXPRESSWAYS | L SUM | 1.000 | | | | |
| X7013820 | TR CONT SURVEIL EXPWY | CAL DA | 390.000 | | | | |
| X7015000 | CHANGEABLE MESSAGE SN | CAL MO | 204.000 | | | | |
| ** DELETED | | | | | | | |
| X8100045 | CON ENC RC 1-3" CNC | FOOT | 325.000 | | | | |
| Z0002600 | BAR SPLICERS | EACH | 102.000 | | | | |
| Z0008244 | DRIL SHAFT/SOIL 44 | FOOT | 56.000 | | | | |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1.000 | | | | |
| * Z0018100 | DRAINAGE STR ADJ SPL | EACH | 21.000 | | | | |
| Z0018500 | DRAINAGE STR CLEANED | EACH | 15.000 | | | | |
| Z0029999 | IMPACT ATTENUATOR REM | EACH | 3.000 | | | | |
| * Z0030070 | IMP ATTEN SU NAR TL3 | EACH | 5.000 | | | | |
| | | | | | | | * REVISED : AUGUST 24, 2006 |
| | | | | | | | ** REVISED : SEPTEMBER 14, 2006 |

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|-------------|-----------------------|-----------------|------------|---|------------|---|---------------------------------|
| 78100105 | RAISED REF PVT MKR BR | EACH | 4.000 | | | | |
| 78200100 | MONODIR PRIS BAR REFL | EACH | 1,775.000 | | | | |
| 78200410 | GUARDRAIL MKR TYPE A | EACH | 21.000 | | | | |
| 78200530 | BAR WALL MKR TYPE C | EACH | 261.000 | | | | |
| 78201000 | TERMINAL MARKER - DA | EACH | 8.000 | | | | |
| 78300100 | PAVT MARKING REMOVAL | SQ FT | 32,609.000 | | | | |
| 81000600 | CON T 2 GALVS | FOOT | 2,652.000 | | | | |
| 81000800 | CON T 3 GALVS | FOOT | 389.000 | | | | |
| 81016600 | CON T 2 HDP COIL | FOOT | 168.000 | | | | |
| 81016700 | CON T 2 1/2 HDP COIL | FOOT | 6.000 | | | | |
| 81017000 | CON T 4 HDP COIL | FOOT | 374.000 | | | | |
| 81023750 | CON ENC C 3 PVC | FOOT | 449.000 | | | | |
| * 81200120 | CON EMB STR 2 GALVS | FOOT | 65.000 | | | | |
| 81400200 | HD HANDHOLE | EACH | 11.000 | | | | |
| ** 81400205 | HD HANDHOLE SPL | EACH | 7.000 | | | | |
| | | | | | | | * REVISED : AUGUST 24, 2006 |
| | | | | | | | ** REVISED : SEPTEMBER 14, 2006 |

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FAI ROUTE 90/94 (DAN RYAN EXPRESSWAY)
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CONTRACT 62303

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“Prior to placing concrete, the Contractor shall indicate to the Engineer how the temperature of the concrete mixture will be controlled. If the temperature requirements are not being met, production of concrete shall stop until corrective action is taken. The Contractor will be allowed to deliver concrete already in route to the paving site.”

Method of Measurement: This work shall be measured for payment per sections 200, 300, and 400 of the Standard Specifications.

Basis of Payment: The plans indicate which roadways will be constructed to the 30 year extended life pavement requirements. The cost to construct the roadways to the 30 year extended life pavement requirements will not be paid for separately, but included in the cost of the various items of work.

The additional costs to meet the various Material, Samples, Compaction, Stability, Placing and Trimming requirements for embankment beneath the 30 year extended life pavement will not be measured for payment, but included in the cost of the various items of excavation.

The additional cost to meet the various Material, Equipment, Placing, Stability, Compaction, Trimming, and Finishing requirements for Granular Subbase beneath 30 year extended life pavement will not be paid for separately, but included in the cost per square yard for SUBBASE GRANULAR MATERIAL TYPE B, of the thickness specified. At the option of the contractor the trimming of the stabilized subbase will not be required as per Article 311.06 except the subbase shall be brought to true shape by either placing the material in two equal or grade controlled mechanical paver. As approved by the Engineer.

The additional costs to meet the various Material, Placing, Stability, Compaction, Trimming, and Finishing requirements for the bituminous stabilized subbase beneath 30 year extended life pavement will not be paid for separately, but included in the cost per square yard for STABILIZED SUBBASE, of the thickness specified.

The additional costs to meet the various Material, Equipment, Placement, Finishing, Curing, and Sealing requirements for 30 year extended life pavement will not be paid for separately but included in the cost per square yard for CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, of the thickness specified; per square yard for PORTLAND CEMENT CONCRETE SHOULDER, of the thickness specified; per each for LUG SYSTEM COMPLETE, of the width specified; per square yard of BRIDGE APPROACH PAVEMENT (SPECIAL).

RECLAIMED GRANULAR MATERIAL

An existing granular sub-base/subgrade of variable thickness is present beneath the Dan Ryan Expressway. The contractor shall reclaim the clean, existing aggregate material from beneath the existing pavement and reuse that material as the 12 inches layer of aggregate below the Aggregate Sub-base, Type B, 12” inches specified in the Special Provision for Extended Life Concrete Pavement (30 Year). The existing granular material is to be removed down to the top of the earthen subgrade or to depth of 42.5 inches below the proposed top of pavement, which

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ever depth is reached first. Any surplus materials not needed for the 12 inch layer or not meeting the gradation requirements shall be disposed of by the contractor according to Article 202.03 of Standard Specifications.

To be used in reconstruction, the reclaimed aggregate shall meet the minimum gradation requirements as follows:

| <u>Sieve Size</u> | <u>Percent Passing</u> |
|-------------------|------------------------|
| 3 inch | 100 |
| 1 inch | 60 - 100 |
| ½ inch | 50 - 90 |
| # 4 sieve | 10 - 60 |
| #16 sieve | 10 - 50 |
| #200 sieve | 0 - 15 |

The reclaimed aggregate is to be placed below bottom of sub-base granular material type B-12” and compacted in accordance with applicable portions of Section 311 of the Standard Specifications. The reclaimed aggregate shall only be placed under mainline pavement consisting of continuously reinforced portland cement concrete pavement. No reclaimed aggregate shall be placed under portland cement concrete shoulder. Reclaimed aggregate may also be substituted for Porous Granular Embankment Subgrade. Use of this material will not be permitted in the Sub-base Granular Material Type B 12”. The contractor is responsible to prevent contamination during excavation and handling and is responsible for proper stockpiling procedures. In areas where the granular material does not extend down to a depth of 42.5 inches below the proposed top of pavement, the remaining earthen subgrade should be excavated to the grades shown in the plans in accordance with the applicable portions of Section 202 of Standard Specifications.

The Contractor shall submit to the Engineer a status report of existing granular material that has been excavated and planned to be re-used on a weekly basis to help in determining material quantity, availability, and assist in forecast production for the following week.

Method of Measurement. This work will be measured for payment in their final positions, as EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL and the volumes computed in cubic yards by the method of average end areas.

EARTH EXCAVATION shall be measured for payment in accordance with Section 202 of the Standard Specifications.

Basis of Payment. The use of reclaimed sub-base granular material will be paid for at the contract unit price per cubic yard for EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL, which price shall include excavation, stockpiling, placing, and compacting the granular material. Earth excavations will be paid for at contract unit price per cubic yard for EARTH EXCAVATION.

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DUCTILE IRON PIPE STORM SEWERS 12”

Description. This work shall consist of the installation of ductile iron pipe to connect the existing bridge downspouts into the existing or proposed drainage system as shown in the plans or as directed by the Engineer.

Construction Requirements. Ductile iron pipe shall be installed in accordance with the applicable portions of Article 550 and of the standard specifications.

Pipe material shall meet the requirements of Sections 40 and 41-2.01 of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, except PVC pipe will not be allowed. Ductile iron pipe shall meet the minimum requirements for Thickness Class 50.

The diameter of the ductile iron pipe shall be greater than or equal to the existing bridge downspout.

A cleanout shall be provided at the point where the new ductile iron pipe connects to the existing bridge downspout, or at a location designated by the Engineer.

Method of Measurement. DUCTILE IRON PIPE STORM SEWERS 12” shall be measured in place in the horizontal and vertical directions. The distance shall be measured from the removal limit of the existing bridge downspout to the connecting drainage structure. The vertical portion of the existing downspout must be removed to a clean cut or manufactured joint line as directed by the Engineer. Removal of the existing downspout will not be measured for payment but must be included in the unit cost of DUCTILE IRON PIPE STORM SEWERS 12”.

Basis of Payment. This work shall be paid for at the contract unit price per foot, for DUCTILE IRON PIPE STORM SEWERS 12”, which shall include all labor, equipment, pipe fittings, cleanouts, connections, joint material, excavation, trench backfill and all other material needed to make a proper and acceptable connection to the existing bridge downspout as approved by the Engineer.

WATER MAIN REMOVAL

Description. This work shall consist of the removal of water main, including fittings, casing pipes, and appurtenances.

Construction Requirements. Perform work in accordance with Section 551 of the Standard Specifications. Prior to removing water main, verify that the main is shut down and existing service connections have been connected to new water mains.

Method of Measurement. This work will be measured in feet removed.

Basis of Payment. This work will be paid for at the contract unit price for WATER MAIN REMOVAL regardless of the size of pipe removed.

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The duct shall be in accordance with the requirements of ASTM F2160.

The duct shall be composed of black high density polyethylene meeting the requirements of ASTM D 3350, Class C, Grade PE30.

Duct dimensions shall conform to the following table within the manufacturing tolerances set forth in ASTM F2160 for Schedule 40 (Tables 3 and 8):

| Nom. Duct Diameter | | Nom. Outside Diameter | | Min. Wall Thickness | |
|---------------------------|-----------|------------------------------|-----------|----------------------------|-----------|
| mm | in | mm | in | mm | in |
| 27 | 1 | 33.4 | 1.315 | 3.4 | 0.133 |
| 35 | 1.25 | 42.2 | 1.660 | 3.6 | 0.140 |
| 41 | 1.5 | 48.3 | 1.900 | 3.7 | 0.145 |
| 53 | 2.0 | 60.3 | 2.375 | 3.9 | 0.154 |

Performance Tests. Polyethylene Duct testing procedures and test results shall meet the requirements of ASTM F2160. Certified copies of the test report shall be submitted to the Engineer prior to the installation of the duct.”

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COMMUNICATIONS VAULT

Description. Work under this item shall consist of constructing a communications vault (specified as a 'Type C1' handhole in the plans) including a vault lid, in accordance with the details shown on the Plans and as provided herein.

Materials. The communications vault and vault lid shall be constructed of polymer concrete material, and shall be gray in color.

The communications vault shall be 30 inches x 48 inches and shall have an effective height of 57 inches, including one 24-inch tall stackable vault and one 36 inch stackable vault with 3 inch overlap.

The communications vault lid shall withstand periodic vehicular traffic and shall have a permanently recessed logo that reads "IDOT COMMUNICATIONS". The communications vault lid shall have two ½-in x 4-in pull slots. The lid surface shall have a coefficient of friction of 0.50 in accordance with ASTM C-1028.

The Contractor shall install manufacturer-approved gasketing between the lid and the top 24-inch deep stackable vault to prevent water from entering the communications vault.

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