



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 6, 2023

SUBJECT: FAI Route 39 (I-39)
Project NHPP-HCTJ(498)
Section (201-3)K
Winnebago County
Contract No. 64B13
Item No. 226, June 16, 2023 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 the Schedule of Prices.
2. Revised page iv of the Table of Contents to the Special Provisions.
3. Revised pages 14 and 45-46 of the Special Provisions.
4. Added pages 250-252 to the Special Provisions.
5. Revised sheets 23, 31, 32, and 35 of the plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any changes to the Schedule of Prices in their bid.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Jack A. Elston'.

Jack A. Elston, P.E.
Bureau Chief, Design and Environment

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Revised June 1, 2023
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When set at 124 candela by day, and 35 by night, the light shall have a minimum operating autonomy of 40 days. The light shall automatically reduce light output in case of low battery situations, reducing risk that the light will fail entirely under conditions of poor solar insulation.

Environmental Specifications: The light should be able to withstand and operate at temperature extremes of -40° F to +122° F. The system shall be designed and constructed to withstand 178 KM/h (110 mph) wind loads in conformance with the requirements of the AASHTO publication, "Standard Specifications for Structural Supports of Highway Signs, Luminaries and Traffic Signals", 4th Edition 2001.

Quality Assurance: The light, including batteries, panels and all components, shall be guaranteed for a minimum of three years. If radio components are shown in the design plans the product must be FCC certified to comply with all 47 CFR FCC Part 15 Subpart B Emission requirements.

All temporary solar powered flashing beacons assemblies shall be the property of the contractor at the end of the project.

All traffic control signing including the temporary solar powered flashing beacon assemblies, barricades or drums and appurtenances, vertical panels, and reflectors shown in the Plans and described herein shall be included in the contract unit price per Each for TRAFFIC CONTROL AND PROTECTION, STANDARD 701331.

Traffic Control and Protection Standard 701400: This work shall be done according to Standard 701400, staging details, and Section 701 of the Standard Specification and as contained herein.

Lane closures will not be implemented except during allowable lane closure hours per Work Restrictions, but lane shifts and narrow lanes will be installed.

Advance signing shall be placed at locations shown in the Plans. The Road Construction Ahead sign shall include a cardinal direction and a route shield below the sign.

Traffic Control and Protection Standard 701401: This work shall be done according to Standard 701401, staging details, and Section 701 of the Standard Specification and as contained herein.

Work occurring in I-39/US 20 median during Pre-stage construction shall implement an off-peak hour (night) adjacent lane closure on I-39/US 20 mainline in accordance with Work Restrictions

Advance Signing shall be according to Standard 701400 and as shown in the plans.

TRAFFIC CONTROL AND PROTECTION, STANDARD 701401 (SPECIAL)

This work consists of setting up traffic control in accordance with Section 701 of the Standard Specification for the purpose of removing or setting bridge beams or overhead signs on roads open to traffic.

Up to three lanes in each direction of travel on I-39/US 20 may be closed up to twenty (20) minutes to remove or set bridge beams, sign trusses, and overhead sign panels. This shall be done by closing one lane in each direction according to Standards 701400 and 701401. The second and third lanes shall be closed by denying access to the lane for up to a twenty (20) minute period. At the end of the twenty minute period, the second and third lane shall be opened to traffic and all queued traffic shall be cleared prior to closing the second lane again.

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All rock fill shall be well graded. The gradation of rock fill shall be selected based on layer thickness as shown below:

- Less than or equal to 1 ft..... Gradations with a max size of 4 inches^a
- Greater than 1 ft Primary Crusher Run
- Greater than 3 ft Primary Crusher Run or Quarry Run (18 inches max size)

^a Gradations with a maximum size of 2 inches or smaller shall have less than 6% passing the No. 200 sieve.

Excavation shall be performed according to Section 502 of the Standard Specifications.

The method of rock fill placement shall be approved by the Engineer. Rock fill shall be capped with 4 to 6 inches of compacted CA-6 unless where groundwater may encroach the final construction limits of the rock fill, CA-7 shall be substituted in place of the CA-6.

Method of Measurement. This work will be measured for payment in cubic yards.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for ROCK FILL.

TEMPORARY PAVEMENT

This work shall consist of placing a Hot-Mix Asphalt Binder Course or Portland Cement Concrete Pavement (Jointed) with a stabilized subbase and aggregate subgrade improvement to serve as temporary pavement at the locations shown on the Plans. The choice of material to be used for this item is left to the Contractor to choose from the following options:

HOT-MIX ASPHALT OPTION

This work shall consist of placing and compacting 12 inches of Aggregate Subgrade Improvement and constructing 11 inches of Hot-Mix Asphalt Binder Course to serve as temporary pavement at the location shown on the Plans. The 11" binder thickness should be placed in 3 lifts.

The hot-mix asphalt option shall be used for temporary pavement noted to be left in place on the east end of the project limits.

Temporary shoulders shall be the same materials as the temporary travelled way pavement.

This work shall consist of designing, producing and constructing a HMA Binder Course on a prepared base, according to Sections 311, 406, 1030 and 1102 of the Standard Specifications, except as follows.

Refer to the plans for mixture requirements.

Required Field Tests. Density Acceptance at 95% - 102% of growth curve at the frequency indicated in Article 1030.05(d)(3).

All work including earth excavation, temporary shoulders, and materials required to complete the work listed above shall be included in the contract unit cost per square yard for TEMPORARY PAVEMENT.

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PORTLAND CEMENT CONCRETE OPTION

This work shall consist of placing and compacting 12 inches of Aggregate Subgrade Improvement, 4 inches of Stabilized Subbase and constructing a 10 inch thick Portland Cement Concrete Base Course to serve as temporary pavement at the locations shown on the Plans. The minimum width shall be 2 feet. This work shall be completed according to Sections 311, 312 and 420 of the Standard Specifications.

Temporary shoulders shall be the same materials as the temporary travelled way pavement.

Welded wire reinforcement shall not be utilized in the base course.

The Contractor shall saw longitudinal joints in base courses wider than 16 feet, according to Standard 420001, except that uncoated steel tie bars may be used instead of epoxy coated tie bars. These joints shall not be sealed.

The Contractor shall saw transverse joints in the base course at 20' centers according to the detail for Sawed Construction Joints in Standard 420001, except that dowel bars are not required. These joints shall not be sealed.

Method of Measurement. TEMPORARY PAVEMENT will be measured for payment in square yards in place.

Basis of Payment. All work as listed above, including earth excavation, temporary shoulders, tie bars, sawed joints, and all other required materials shall be included in the contract unit price per square yard for TEMPORARY PAVEMENT.

Removal shall be paid for separately under TEMPORARY PAVEMENT REMOVAL.

SLOTTED DRAIN 18" WITH VARIABLE SLOT

Description. This work consists of furnishing and installing slotted drains at the locations shown in the plans and all accessories (including concrete encasement and aggregate) required for connecting the slotted drain pipes and connections to drainage structures where necessary.

General. Slotted drain shall be corrugated steel pipe conforming with the applicable requirements of Section 542 of the Standard Specifications, the details shown in the plans, and as described herein. The slotted drain must be properly positioned in the trench prior to backfilling. The upper end of the drain shall be capped as directed by the Engineer. Once the slotted drain is backfilled, it should be covered prior to placing the final surfacing.

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

Basis of Payment. This work will be paid for at the contract unit price for foot for SLOTTED DRAIN 18" WITH VARIABLE SLOT.

Revised June 6, 2023

ENGINEER'S FIELD OFFICE TYPE A (SPECIAL)

Revise the first paragraph of Article 670.02 to read:

670.02 Engineer's Field Office Type A (Special). Type A (Special) field offices shall have a ceiling height of not less than 7 feet and a floor space of not less than 5000 square feet with a minimum of five separate offices. The office shall also have a separate storage room capable of being locked for the storage of the nuclear measuring devices. The office shall be provided with sufficient heat, natural and artificial light, and air conditioning. Doors and windows shall be equipped with locks approved by the Engineer.

Revise the first sentence of the second paragraph of Article 670.02 to read:

An electronic security system that will respond to any breach of exterior doors and windows with an on-site alarm shall be provided.

Revise the last sentence of the third paragraph of Article 670.02 to read:

Adequate all-weather parking space shall be available to accommodate a minimum of twelve vehicles.

Revise the fifth paragraph of Article 670.02 to read:

Sanitary facilities shall include hot and cold potable running water, lavatory and toilet as an integral part of the office. Solid waste disposal consisting of ten waste baskets and an outside trash container of sufficient size to accommodate a weekly provided pick-up service. A weekly cleaning service for the office shall be provided.

Revise Article 670.02(a) through 670.02(r) to read:

- (a) Four desks with minimum working surface 42 inch x 30 inch each and four non-folding office chairs with upholstered seats, backs and will have wheels.
- (b) Nine desks with minimum working surface 72 inch x 36 inch each and nine non-folding office chairs with upholstered seats, backs and will have wheels.
- (c) Two four-post drafting tables with minimum top size of 37-½ inch x 48 inch.
- (d) Eight free standing four-drawer legal size file cabinets with lock and an underwriters' laboratories insulated file device 350 degrees one hour rating.

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- (e) Twenty folding chairs and four conference tables with minimum top size of 44 inch x 96 inch.
- (f) Six 6 ft folding tables.
- (g) One refrigerator with a minimum size of 25 cu ft with separate freezer unit. The refrigerator shall be self defrosting.
- (h) Three electric desk type tape printing calculator and two pocket scientific notation calculators with a 1000 hour battery life or with a portable recharger.
- (i) A minimum of two communication paths. The configuration shall include:
 - (1) Internet Connection. An internet service connection using telephone DSL, or cable Broadband, with Business Class Support. Minimum speeds shall be 75Mbps download and 20Mbps upload. The internet service shall be provided with a Static IP address. Additionally, a wireless router shall be provided for the exclusive use of the Engineer. The router shall support wireless standards 802.11 b/g/n capable, have a minimum of four (4) gigabit ports and have VPN capability. The Engineer shall approve the service and equipment prior to installation.
 - (2) Telephones lines. Three separate telephone lines including one line for the fax machine, and two lines for the exclusive use of the Engineer. All telephone lines shall include long distance service and all labor and materials necessary to install the phone lines at the locations directed by the Engineer. The TELCOM company shall configure ROLL/HUNT features as specified by the engineer. The phone lines shall have unpublished numbers.
- (j) Two plain paper color laser copiers with automatic feed and sorter/stapler (including maintenance agreement, software and all operating supplies). The units shall be capable of copying field books, 8-1/2" x 11", 8-1/2" x 14" and 11" x 17" size paper. The copiers shall have the capability to be networked and be able to copy, print and scan color prints up to 11"x17". The machines shall also be capable of a minimum of 30 ppm and have multiple 500 sheet storage trays and include one high capacity storage tray of 2000 sheets minimum. The machines shall be equipped to handle a minimum of 3 separate paper paths.

The Engineer shall approve the equipment prior to installation.

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- (k) One plain paper fax machine including maintenance and supplies.
- (l) Six two-line telephones, with touch tone, and two digital answering machines, for exclusive use by the Engineer.
- (m) One electric water cooler dispenser including water service.
- (n) Three 4 foot x 6 foot dry erase boards.
- (o) One 4 foot x 6 foot framed cork board.
- (p) One first-aid cabinet fully equipped.
- (q) Two electric paper shredders.
- (r) One microwave oven (minimum 1000 watt) with a turntable and 1 cu ft minimum capacity

Add the following to Article 670.07 Basis of Payment.

The building or buildings, fully equipped, will be paid for at the contract unit price per calendar month or fraction thereof for ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL).

Added June 6, 2023