



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 1, 2019

SUBJECT: FAI Route 74 (I-74/IL 29)
Project NHPP-Y4TH(575)
Section 90 (10D-1) BRR
Tazewell County
Contract No. 68C89
Item No. 24, November 8, 2019 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 65, 66, 145, and 146 of the Special Provisions.
3. Revised sheets 6, 17, 83, 100, 152, and 282 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

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC)

Description. This work shall consist of the removal and disposal of regulated substances according to Section 669 of the Standard Specifications as revised below.

Contract Specific Work Areas. The excavated soil and groundwater within the work areas listed below shall be managed as either “uncontaminated soil”, hazardous waste, special waste or non-special waste. For stationing, the lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit, whichever is less.

Site 3556-3 – Illinois River, M.M 162.7, Peoria and East Peoria (east and west sides of I-74 between Water Street and Bass Pro Drive), Peoria and Tazewell, Counties

- Contractor shall develop a project specific Site Sampling Work Plan and submit the plan to the Bureau of Design and Environment (BDE) a minimum of 30 days before beginning construction activities. The sampling plan can be included with the BDE 2730 (Regulated Substances Pre-Construction Plan) BDE must approve the plan in writing before construction can commence.
- Contractor shall dewater/drain excavated sediments that are placed on a barge for a period sufficiently long enough for sediments to pass a paint filter test at the final disposal facility.
- Contractor shall provide notice to BDE a minimum of 48-hours prior to the planned collection of analytical samples for waste characterization and disposal. BDE reserves the right to have personnel onsite to observe sampling activities to ensure compliance with the approved work plan.
- Sediment samples shall be collected from each dewatered barge at an interval of approximately one sample for approximately every 400 cubic yards. Sediment samples shall be analyzed for the contaminants of concern, including pH, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs), and inorganic compounds (including mercury) using appropriate chain of custody and sample preservation methods. Sediment samples will be labeled to reference the barge number it was collected from, date/time and location within barge. Contractor shall also collect sediments for soil disposal parameters, should sediments be deemed necessary to be managed and disposed of off-site as a non-special waste, special waste or hazardous waste, as applicable.
- Analytical results will be submitted to BDE along with a summary table comparing analytical results to remedial objectives outlined under 35 IAC 742, Tier 1, Residential.

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- BDE will characterize the barged sediments for disposal in accordance with the requirements of 669.05 and forward the management parameters for the disposal of impacted sediments to the District 4 Environmental Coordinator.
- Contractor shall coordinate removal and disposal of sediments based on the characterization of those sediments by BDE.
- Based on the required analytical testing, material that does not exceed TACO Residential Tier 1 objectives may be placed, graded and seeded at the IDOT borrow area located at approximately between MM 10 and MM 11 on Interstate 474 East.

For material eligible to be placed at this site, the disposal of the material shall be included in the cost of CHANNEL EXCAVATION, and the corresponding quantity of NON-SPECIAL WASTE DISPOSAL will be deleted.

- The development and implementation of the project specific site sampling work plan shall be included in the cost of REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN.

Work Zones

Three distinct OSHA HAZWOPER work zones (exclusion, decontamination, and support) shall apply to projects adjacent to or within sites with documented leaking underground storage tank (LUST) incidents, or sites under management in accordance with the requirements of the Site Remediation Program (SRP), Resource Conservation and Recovery Act (RCRA), or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), or as deemed necessary. For this project, the work zones apply for the following ISGS PESA Sites:

None.

Additional information on the above sites collected during the Phase I Engineering process is available through the District's Environmental Studies Unit (DESU).

Requirements shown reflect test results taken immediately following compound mixing. Results may vary and are not indicative of product performance if specimens are cut from finished, molded parts."

Revise the first paragraph of Article 1052.02(c) of the Standard Specifications to read:

"Adhesive and Sealant. The adhesive/sealant bedding compound for bonding the expansion joint seals to the concrete or steel seats shall be either a polysulfide grout meeting the requirements of Federal Specification MMM-G-650B, Grade C with 50 percent filler material allowed or one part, non-sagging polysulfide base synthetic rubber sealant conforming to Federal Specification TT-S-00230C Type II."

Revise Article 1052.02(d) of the Standard Specifications to read:

"Anchor Bolts, Threaded Rods, Washers, and Nuts. Anchor bolts, threaded rods, washers, and nuts shall be stainless steel meeting the requirements of ASTM A 193 (A 193M), Class 2."

STRUCTURAL STEEL REMOVAL

Description. This work shall consist of furnishing all labor and equipment necessary to satisfactory remove and dispose of structural steel components as shown on the plans.

Construction Requirements. Components to be removed shall be removed in such a manner as to leave the remaining structural components undamaged and in proper condition for the use contemplated. Any damage to the portions remaining in service shall be repaired or replaced. Repairs or replacement shall be made as directed by the Engineer. The removed portions shall be disposed of according to Article 202.03 of the Standard Specifications.

Burning of existing rivets or bolts will only be allowed near steel surfaces which are to be removed and discarded. Burning of existing rivets or bolts will not be allowed for members to remain in place and members that are to be removed and reinstalled at a later date. When burning of rivets or bolts is not allowed the head of the rivet or bolt shall be sheared off and the shank driven or drilled out. Extreme care shall be taken while removing the rivets or bolts so as not to damage the existing structural steel which is to remain. Unless noted otherwise on the plans, the cost of rivet and bolt removal shall be included in this item.

To remove steel components welded to members that are to remain in place, remove the weld by grinding. The surface of the member to remain in place at the location of the weld removal shall be ground smooth. Ground surfaces will be inspected for cracks using dye penetrant or magnetic particle testing. Cracks located in the base material at the location of the removed weld shall be reported to the Engineer for further disposition. Unless noted otherwise on the plans, the cost of all work to remove welded components and inspect the surface of the member to remain in place shall be included in this item.

All damage to existing members which are to remain shall be repaired or the member replaced to the satisfaction of the Engineer. Repair or replacement of damaged members shall be at the Contractor's expense and at no additional cost to the State.

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Basis of Payment. This work will be paid for at the contract unit price per pound for STRUCTURAL STEEL REMOVAL.

STRUCTURAL STEEL REPAIR

Description. This work shall consist of furnishing all labor, equipment and materials necessary to furnish, install and paint steel repair plates and members, according to Section 505 and 506, and to remove and dispose of structural steel members as necessary according to Section 501 of the Standard Specifications, as indicated on the plans and in this special provision. This work also consists of furnishing all labor, equipment and materials necessary to clean and paint the existing structural steel at repair locations in accordance with the special provision for Cleaning and Painting Contact Surface Areas of Existing Steel Structures.

Construction Requirements. Existing members noted in the plans to have structural steel repair, that are also noted to be straightened, shall be straightened prior to the connection of any new steel repair plates or members.

Where required to align with existing holes, field drilling of holes in new members shall be accomplished using existing holes as a template unless field measurements are used to verify the plan dimensions. Field drilling of new holes in existing members shall be accomplished using the holes in the new material as a template. Burning of holes will not be permitted. All field drilling and grinding necessary to furnish and install the new steel plates and members shall be included in this item.

The removal and disposal of any existing members, bolts or rivets necessary for the installation of the new members as shown in the plans shall be included in this item. Burning of existing rivets will only be allowed near steel surfaces which are to be removed and discarded. Burning of existing rivets will not be allowed for members to remain in place or members that are to be removed and reinstalled. When burning of rivets is not allowed, the head of the rivet shall be sheared off and the shank driven or drilled out. Extreme care shall be taken while removing the rivets so as not to damage the existing structural steel which is to remain. All damage to existing members which are to remain shall be repaired or the member replaced to the satisfaction of the Engineer. Repair or replacement of damaged members shall be at the Contractor's expense.

Before installing each bolt, all nicks, burrs, corrosion, scale, paint and foreign substance shall be removed from inside the hole and from the surfaces around the hole with a power tool to ensure proper seating of the nut, bolt head and washers. Holes in the existing material shall be inspected for fatigue cracking. Any cracking found shall be reported to the Engineer. Necessary repairs will be as directed by the Engineer.

Basis of Payment. This work shall be paid for at the contract unit price per Pound for STRUCTURAL STEEL REPAIR.

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