



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 9, 2024

SUBJECT FAU Route 1281 (Techny Rd)
Section 202 NB012 Lot
Cook County
Contract No. 62U87
Item No. 26, April 26, 2024 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 page ii of the Table of Contents to the Special Provisions
3. Added pages 69-71 to 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 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

MTS

WORKING DAYS (BDE) 68
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (PROJECT SPECIFIC) 69

Revised 4/9/2024

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 Sites. The excavated soil and groundwater within the 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.

Soil Disposal Analysis. When the waste material requires sampling for landfill disposal acceptance, the Contractor shall secure a written list of the specific analytical parameters and analytical methods required by the landfill. The Contractor shall collect and analyze the required number of samples for the parameters required by the landfill using the appropriate analytical procedures. A copy of the required parameters and analytical methods (from landfill email or on landfill letterhead) shall be provided as Attachment 4A of the BDE 2733 (Regulated Substances Final Construction Report). The price shall include all sampling materials and effort necessary for collection and management of the samples, including transportation of samples from the job site to the laboratory. The Contractor shall be responsible for determining the specific disposal facilities to be utilized; and collect and analyze any samples required for disposal facility acceptance using a NELAP certified analytical laboratory registered with the State of Illinois.

Northbrook Team Section Headquarters (012): 1619 Techny Road, Northbrook, Cook County

- Station 0+00 to Station 1+25 (North Yard Baseline), 0 to 220 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Iron, and Manganese.
- Station 1+25 to Station 2+60 (North Yard Baseline), 60 to 155 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Benzene, and Manganese.
- Station 1+25 to Station 2+60 (North Yard Baseline), 155 to 220 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Lead, and Manganese.
- Station 2+60 to Station 3+90 (North Yard Baseline), 60 to 115 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: Iron, Manganese, and Lead.
- Station 2+60 to Station 3+90 (North Yard Baseline), 115 to 170 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Benzo(a)pyrene, and Dibenzo(a,h)anthracene.

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- Station 2+60 to Station 3+90 (North Yard Baseline), 170 to 220 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 3+90 to Station 5+40 (North Yard Baseline), 0 to 200 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(1). Contaminants of concern sampling parameters: chloride, benzo(a)pyrene, naphthalene, manganese.
- Station 4+50 to Station 5+50 (North Yard Baseline), 200 to 270 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameter: Manganese.
- Station 5+40 to Station 6+80 (North Yard Baseline), 0 to 90 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(5). Contaminants of concern sampling parameters: Carbazole, Naphthalene, Benzo(a)pyrene, Dibenzo(a,h)anthracene, and Fluorene.

At the Northbrook Team Section Headquarters (012) property, Naphthalene was detected at a concentration exceeding the TACO Tier 1 soil remediation objectives for the Construction Worker exposure route in soil boring NORTH-012-B13, from the sample interval 0 to 2 feet deep, as noted in the Final Preliminary Site Investigation Report for this project, submitted March 27, 2024 by WSP USA. Procedures shall be implemented to protect site workers and observers from hazards encountered during construction activities in locations containing contaminated materials, pursuant to Article 669 of the Standard Specifications for Road and Bridge Construction manual.

- Station 5+50 to Station 6+80 (North Yard Baseline), 90 to 190 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(2). Contaminants of concern sampling parameters: Lead, and Manganese.
- Station 5+50 to Station 6+80 (North Yard Baseline), 190 to 270 feet LT: The Engineer has determined this material meets the criteria of, and shall be managed in accordance with Article 669.05(a)(4). Contaminants of concern sampling parameters: Benzo(a)pyrene, Dibenzo(a,h)anthracene, Naphthalene, and Manganese.

Engineered Barrier. An engineered barrier shall be installed in excavation areas to limit the exposure and control the migration of contamination from the contaminated soil that remains within the excavation areas. It shall be placed within the excavation areas at the following locations:

- Station 5+40 to Station 6+80 (North Yard Baseline), 0 to 90 feet LT: Contaminants of concern sampling parameters: Naphthalene.

The engineered barrier shall consist of a geosynthetic clay liner system, geomembrane liner, or equivalent material as approved by the Engineer. A geosynthetic clay liner shall be composed of a bentonite clay liner approximately 0.25 inches thick. The engineered barrier shall have a permeability of less than 10^{-7} cm/sec. Installation of the geosynthetic clay liner system shall be in accordance with the manufacturer's recommendations except that all laps shall face down-slope.

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The geomembrane liner shall have a minimum thickness of 30 mils. The geomembrane liner shall line the entire trench and installed in accordance with the manufacturer's recommendations.

No equipment will be allowed on the engineered barrier until it is covered by a minimum of 1 foot of backfill. Any damage to the engineered barrier caused by the Contractor shall be repaired at no additional expense to the Department in accordance with the manufacturer's recommendations and as directed by the Engineer.

Method of Measurement: The engineered barrier will be measured for payment in place and the area computed in square yards.

Basis of Payment: The engineered barrier will be paid for at the contract unit price per square yard for ENGINEERED BARRIER.

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

Added 4/9/2024