

**NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING**

**ALBANY, NY
August 16, 2016**

**AMENDMENT NO. 1
TO**

**CONTRACT TAB 16-26C
D214401
LOCK E-32 BY PASS CULVERT REPAIR
AT MILEPOST E-409.30
IN THE BUFFALO DIVISION
OF THE NEW YORK STATE THRUWAY
IN MONROE COUNTY**

**IN THE LETTING OF
August 31, 2016**

NOTE: This amendment shall be attached to and become a part of the Proposal for Contract TAB 16-26C.

PROPOSAL

1. **REVISE** Contract Proposal page 73, on Section 3, Construction Details of Special Specification Item 202.9225XX12, SAMPLING AND ANALYSIS, the mentioned Special Note titled “Site Health and Safety Requirements” has been renamed “Contaminated Materials Site Safety and Health Requirements”.
2. **REVISE** Contract Proposal page 74, on Section 3, Construction Details of Special Specification Item 202.9256XX12, SITE HEALTH AND SAFETY MEASURES, the mentioned Special Note titled “Sediment Contamination/Site Health and Safety requirements” has been renamed “Contaminated Materials Site Safety and Health Requirements”.
3. **ADD** Contract Proposal page 145A-A1. This Special Note titled “Permits from Regulatory Agencies for Sites with known Contaminants” identifies that there is a work permit in effect for this project.
4. **ADD** Contract Proposal page 145B-A1. This Special Note is as mentioned for Proposal Amendment Items 1 and 2 above for the Special Specifications 202.9225XX12 and 202.9256XX12, respectively. This Special Note has been renamed “Contaminated Materials Site Safety and Health Requirements”.
5. **ADD** Contract Proposal page 145C-A1. This Special Note titled “GENERAL WORK REQUIREMENTS PERTAINING TO EXISTING SEDIMENTS IN THE DEWATERED AREA” describes work that is required to be performed and how the work is to be paid.

The Bidder **MUST** complete Page 232 of the Proposal acknowledging receipt of this amendment. If the Bidder fails to complete the “Amendment Acknowledgement” sheet, his bid could be declared informal thereby delaying award of the contract.

PLEASE BE GOVERNED ACCORDINGLY WHEN SUBMITTING BIDS.

**Catherine T. Sheridan, P.E.
Chief Engineer**

PERMITS FROM REGULATORY AGENCIES
FOR SITES WITH KNOWN CONTAMINANTS

For work included in this project, a permit has been requested from the NYS Department of Environmental Conservation and the U.S. Army Corps of Engineers. All anticipated conditions of these permits have been described elsewhere in the Contract Documents. A copy of these permits, along with actual special and general permit conditions, will be available for review at the Preconstruction Meeting which will be held after bidding. The Contractor shall comply with the actual permit conditions.

In addition, the Contractor shall comply with the provisions of the special notes entitled “*Contaminated Materials Site Safety and Health Requirements*” and “*General Work Requirements Pertaining to Existing Sediments in the Dewatered Area*” included in this Proposal.

CONTAMINATED MATERIALS SITE SAFETY AND HEALTH REQUIREMENTS

The Contractor is responsible for Federal Occupational Safety and Health Administration, as well as NYS Department of Labor requirements for their employee's health and safety as it relates to the project site. Within ten (10) days of Contract Award, the Contractor shall identify a qualified health and safety professional who will oversee the development, implementation and oversight of a site health and safety plan that will be prepared by the Contractor, under Section 107-05 of the standard specifications, to cover site activities including potentially contaminated materials.

No samples of existing sediments, soils, and other materials were collected at the project site during contract development. Therefore, no samples were subsequently analyzed for content of various contaminants. The Contractor shall obtain, test and analyze samples via Item 202.92250112, SAMPLING AND ANALYSIS. Sampling and Analysis shall conform to Section 205-1.04. Transportation and Disposal of these samples shall be in accordance with Section 205-1.05, the requirements of the NYS Department of Environmental Conservation and any landfill accepting solid waste generated from the site. Results of these sample analyses will assist the Contractor in developing the Section 107-05.B Project Safety and Health Plan and additional plans required under Section 205-301.B.

Sample Analysis

If additional samples are obtained, all costs associated with collecting, analyzing, reporting, and sample disposal shall be performed at no additional cost to the Authority, and the Contractor's qualified health and safety professional shall determine which contaminants that the samples shall be analyzed for. The following list indicates typical testing requirements for the indicated contaminant.

- a. Pesticides and PCB's using USEPA Method 8081, MDL of 0.1 ppm for each PCB Arochlor
- b. Mirex using USEPA Method 8081
- c. Volatile Organic Compounds including BTEX using USEPA Method 8260, MDL per method
- d. Semi-Volatile Organic Compounds including PAHs using USEPA Method 8270, MDL per method
- e. Dioxin/Furans using USEOPA Method 1613B, MDL per method
- f. Total Organic Carbon using EPA Method 9060, MDL of 0.1%
- g. Total Volatile Solids, MDL of 0.1%
- h. Inorganic Metals, Target Analyze List (TAL):

<u>Inorganic Metals</u>	<u>Method Detection Limit</u>	<u>EPA Method</u>
Cadmium (Cd)	0.5 ppm	6010
Lead (Pb)	0.3 ppm	6010
Mercury (Hg)	0.02 ppm	7471
Copper (Cu)	2.5 ppm	6010

All sample results shall be analyzed by a laboratory certified under the NYS Environmental Laboratory Accreditation Program. The Contractor shall provide one (1) copy of the ASP "B" data package and one (1) electronic copy of the analytical data obtained under this contract to the Engineer with the sample locations identified (indicated by GPS coordinates, in UTM Zone 18, NAD 83 format), within 48 hours of receipt of the data.

**GENERAL WORK REQUIREMENTS PERTAINING TO
EXISTING SEDIMENTS IN THE DEWATERED AREA**

The following is a list of general work requirements pertaining to existing sediments in the dewatered area to be done under this Contract. This list is intended to give the Contractor a general description of the work involved with contaminated sediments and is not a complete listing of all work to be done. All work shall be done in accordance with the contract documents even though not specifically mentioned in this list.

1. Install primary cofferdam and dewater work area.
2. Move silt away from immediate work area and stockpile within cofferdammed areas, and place secondary elements to contain the sediments in accordance with Section 205 of the Standard Specifications. The sediments shall not be removed from the cofferdammed area, and the scope of work does not include disposal of the sediments. Water seepage from the sediment stockpile shall be managed with a small berm constructed of the existing sediment material.

The faces of the cofferdams that come into contact with the contaminated sediments shall be lined with an impervious membrane.

3. The contaminated material shall be covered with an impervious membrane and maintained in accordance with Section 205 of the Standard Specification to prevent any airborne dispersion of the sediments.
4. Rinse concrete surfaces of sediments prior to concrete removal and resurfacing. Accumulations of sediment resulting from this rinsing shall be placed in the sediment pile.
5. Prior to filling of the cofferdam area, the sediment stockpile shall be spread out to a uniform thickness within the cofferdammed area. This work is to be paid for under each respective cofferdam, Item 553.0100nn, as the size of the sediment redistribution areas varies. Re-flooding will be done in such a manner as to minimize re-suspension of sediments. Debris which may be taken off-site for disposal include concrete, timber, steel, and other non-soil items. This debris shall be rinsed prior to transport, and disposed of at a permitted disposal facility in accordance with Federal, State and Local regulations.