



# OHIO DEPARTMENT OF TRANSPORTATION

CENTRAL OFFICE • 1980 WEST BROAD STREET • COLUMBUS, OH 43223  
JOHN R. KASICH, GOVERNOR • JERRY WRAY, DIRECTOR

12/5/2012

Project 130002      **Addendum No. 1**

PID No. 76691

ALL – IR 75 – 5.53 Part1; ALL – SR 117/309 – 18.65/15.17 Part 2

Major Reconstruction

Letting: January 24, 2013

Notice to all Bidders and Suppliers to please be advised of the attached Proposal Addendum.

For internet access to information referenced in this addendum, please see the ODOT web site at -> <ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/ALL-76691/>

The Department utilizes Bid Express (<http://www.bidx.com>) as the official medium for electronic bid submittal. All bidders must prepare bids and submit them online via Bid Express.

Addenda amendments must be acknowledged in the miscellaneous section of the Expedite (EBS) file and all amendments loaded in order for your bid to be considered for award of this project. Bid express will not accept bids that do not have amendments incorporated. Failure to incorporate changed quantities or items in your Expedite (EBS) submissions will result in the rejection of your bid.

**Proposal Addendum**  
**For**  
**ALL-75-5.53 (Part 1), ALL-117/309-18.65/15.17 (Part 2), PID 76691**  
**Project 130002**

**Be advised of the following changes:**

**Completion Date Change:** No

**Bid Item Changes, Additions or Deletions:** Yes

**Funding Splits Required:** Yes

**Additional Bid Items:**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Total Quantity</b>	<b>Unit</b>	<b>Description</b>
1200	690E71000	LUMP		SPECIAL-ASBESTOS ABATEMENT

**Revised Bid Items:**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Total Quantity</b>	<b>Unit</b>	<b>Description</b>
0657	513E10240	345,729	LB	STRUCTURAL STEEL MEMBERS , LEVEL 2
0693	513E10240	345,729	LB	STRUCTURAL STEEL MEMBERS , LEVEL 2
0953	603E00100	371	FT	4" CONDUIT, TYPE B
0956	603E01100	165	FT	6" CONDUIT, TYPE C
0959	603E02000	18	FT	8" CONDUIT, TYPE C

**Deleted Bid Items:**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Total Quantity</b>	<b>Unit</b>	<b>Description</b>
954	603E00100	42	FT	4" CONDUIT, TYPE B, 706.02
957	603E01100	17	FT	6" CONDUIT, TYPE C, 706.02
960	603E02000	5	FT	8" CONDUIT, TYPE C, 706.02

**Add the following Notes:** Yes

## **ITEM SPECIAL ASBESTOS ABATEMENT**

All asbestos abatement work will, at a minimum, conform to the requirements under Federal, State and Local Regulations, including but not limited to the USEPA National Emission Standards for Hazardous Air Pollutants Abatements Rules, Chapter 3701-34 of the Ohio Administrative Code and the Occupational Safety and Health Administration Regulations.

Any Contractor or Subcontractor who has performed an asbestos inspection and/or analysis services on any of the structures included in this project will not be eligible to perform or be eligible to participate in this contract, either as a prime contractor or subcontractor.

All Contractors performing asbestos abatement services must be licensed by the Ohio Department of Health (ODH).

The structures included in this project containing asbestos may only be demolished upon satisfactory asbestos abatement. It should be noted that there is a ten (10) day working day waiting period mandated by the Ohio Environmental Protection Agency (OEPA) before any abatement or demolition can begin. The Contractor must supply ODOT, the OEPA and the ODH notifications prior to commencement of any work.

The Contractor is required to remove and properly dispose of all material containing asbestos. The Contractor shall maintain records (such as manifests, landfill tickets, daily logs, etc) to document the source, movement and destination of each truckload of contaminated material. One copy of each of these records must be submitted to the Engineer.

The Contractor is responsible for ensuring that the asbestos abatement areas meet the visual and/or the clearance testing and analysis (transmission electron microscopy (TEM) analysis or phase contrast microscopy (PCM) analysis). Air clearance sampling will comply with AHERA Regulation 40 CFR Part 763 Subpart G.

- All clearance air sampling to be analyzed by phase contrast microscopy (PCM) shall be conducted in accordance with the National Institute of Occupational Safety and Health (NIOSH) method 7400 entitled "Fibers," published in the NIOSH Manual of Analytical Methods, 3rd Edition, Second Supplement, August 1987. A minimum of three (3) samples shall be taken and show that the concentration of fibers for each sample is less than or equal to 0.01 fibers per cubic centimeter of air;
- All clearance air sampling to be analyzed by transmission electron microscopy (TEM) shall be conducted in accordance with the regulations established by the United States Environmental Protection Agency, 40 C.F.R. Part 763, Subpart E, Appendix A; and
- All clearance air sampling must be conducted by an asbestos hazard abatement air monitoring technician, or asbestos hazard evaluation specialist certified by the ODH, or a certified industrial hygienist or industrial hygienist in training as certified by the American Board of Industrial Hygiene.

The Contractor is also responsible for the following:

- Maintaining a job book, at the work site, with a copy of all company and worker documentation pertinent to this project (license, notifications, physicals, fit tests, etc.)
- Ensuring all personnel working on this project are experienced, licensed, certified and have current physical examinations and documentation.
- Monitoring of OSHA personal.
- **Paying prevailing wages to its workers performing asbestos abatement work on this project.**

Federal and state regulatory agencies allow Category I non-friable asbestos materials to remain in place during normal demolition activities. Normal demolition activities are defined by OEPA as those which will not cut, grind, sand or abrade these materials to render them friable. If normal

demolition practices are utilized, the materials may remain in place during demolition and also be disposed of in a construction demolition and debris landfill. However structures may not be demolished by intentional burning if these materials remaining in place, nor can they be used as clean fill or recycled.

Asbestos inspection and testing has been completed on all structures within the project limits. Asbestos abatement has been completed on all parcels (as identified on the r/w plans) except the following parcels, which are known to contain asbestos material that requires abatement:

For the parcels listed above, a completed Ohio Environmental Protection Agency Notification of Demolition and Renovation form along with the documentation of all asbestos abatement, that is necessary, is included in this document.

Parcels other than those listed above have an Ohio Environmental Protection Agency Notification of Demolition and Renovation form completed, along with the documentation of all asbestos abatement, which was necessary. The documentation will be provided to the contractor for this project at the Pre-Construction Meeting.

<b><i>Parcel No. Location</i></b>	<b><i>Homogeneous Area Description</i></b>	<b><i>Locations in the Facility</i></b>	<b><i>Friable / Non Friable (F/NF)</i></b>	<b><i>Total Quantity</i></b>	<b><i>Percent Asbestos</i></b>
<i>Parcel 115</i>	<i>Window Glazing</i>	<i>Windows Interior &amp; Exterior</i>	<i>NF</i>	<i>16 Square Feet</i>	<i>1.8% Chrysotile Asbestos</i>
<i>Parcel 118</i>	<i>Window Glazing</i>	<i>Basement</i>	<i>NF</i>	<i>16 Square Feet</i>	<i>1.2% Chrysotile Asbestos</i>
<i>Parcel 119</i>	<i>Drywall Joint Compound</i>	<i>Throughout</i>	<i>NF</i>	<i>3860 Square Feet</i>	<i>2.1% Chrysotile Asbestos</i>
<i>Parcel 119</i>	<i>Floor Tile</i>	<i>Basement</i>	<i>NF</i>	<i>6 Square Feet</i>	<i>1.9% Chrysotile Asbestos</i>
<i>Parcel 119</i>	<i>Linoleum</i>	<i>Guest Bathroom</i>	<i>NF</i>	<i>30 Square Feet</i>	<i>10% Chrysotile Asbestos</i>
<i>Parcel 119</i>	<i>Linoleum</i>	<i>Kitchen</i>	<i>NF</i>	<i>160Square Feet</i>	<i>20% Chrysotile Asbestos</i>
<i>Parcel 119</i>	<i>Window Glazing</i>	<i>Windows Interior &amp; Exterior</i>	<i>NF</i>	<i>60 Square Feet</i>	<i>2.4% Chrysotile Asbestos</i>
<i>ALL-75-0703 SFN 0202010</i>	<i>Expansion Material</i>	<i>Between wing wall &amp; deck</i>	<i>NF</i>	<i>8.35 Square Feet</i>	<i>5% Chrysotile Asbestos</i>

Basis of Payment: The contractor will furnish all labor, equipment and materials necessary to properly develop and comply with an asbestos abatement plan, submit forms, remove, transport and dispose of asbestos containing materials. Payment for this work shall be made at the contract price bid lump. The following quantity has been included in the general summary for the work as noted above:

Item Special - Asbestos Abatement                      Lump

## **Personal Protective Equipment (PPE)**

The contractor shall follow all requirements of sections III and X of the Ohio Department of Transportation Safety & Health Standard Operating Procedure 220-006(SP) Effective: June 1, 2009 (except as amended below) and all subsequent updates posted at the following website: [http://www.dot.state.oh.us/policy/PoliciesandSOPs/Policies/220-006\(SP\).pdf](http://www.dot.state.oh.us/policy/PoliciesandSOPs/Policies/220-006(SP).pdf)

Amendments to the requirements of this document are:

### **III. Head Protection (Hard Hats)**

All persons within the right-of-way of any highway or any other type of roadway or construction site who are exposed to either traffic (vehicles using the highway for purposes of travel) or construction equipment within the work area, regardless of job type, shall wear appropriate head protection. All hard hats must meet or exceed ANSI Z89.1-2003 Type 1 Class E - G requirements.

### **X. High Visibility Safety Apparel**

All persons within the right-of-way of any highway or any other type of roadway or construction site who are exposed to either traffic (vehicles using the highway for purposes of travel) or construction equipment within the work area, regardless of job type, shall wear a high-visibility safety vest that meets the Performance Class 2 or Class 3 requirements of the ANSI/ISEA 107-2004 publication entitled "American National Standard for High-Visibility Safety Apparel and Headwear."

Workers may wear an ANSI Class II or ANSI Class III approved rain suit or jacket without a safety vest over it. High-visibility T-Shirts, sweatshirts, or zip up hoodies are not acceptable. All workers shall wear a safety vest over the T-Shirts, sweatshirts, and zip-up hoodies, regardless of their ANSI rating.

**Plan sheet revisions:    Yes**

Part 1 Sheets 978, 979, 995, 998 have been revised and is linked to this addendum.

Part 2 Sheets 14, 22 have been revised and is linked to this addendum.

**Answers to Prebid Questions: Yes**

**Q1 submitted 11/26/2012 @ 11:40 AM**

**A1: Answer:** Steel quantity revised with this addendum

**Q2 submitted 11/29/2012 @ 8:08 AM**

**A2: Answer:** Steel quantity revised with this addendum

**Q3 submitted 12/3/2012 @ 2:26 AM**

**A3: Answer:** Pipe description and quantities revised with this addendum