

**ITEM SPECIAL – ASBESTOS ABATEMENT**

**THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ANY NEEDED UTILITIES TO COMPLETE THE ABATEMENT WORK.**

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 TO REMOVE AND PROPERLY DISPOSE OF ALL FRIABLE ASBESTOS CONTAINING MATERIAL OR NON-FRIABLE CATEGORY II ASBESTOS CONTAINING MATERIAL THAT MAY BECOME FRIABLE DURING THE DEMOLITION PROCESS. 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, 3<sup>RD</sup> 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 CFR 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

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 PERSONNEL.
- THE CONTRACTOR AND/OR SUBCONTRACTOR SHALL SUBMIT TO THE ENGINEER AND/OR THE DEMOLITION CONTRACTOR WRITTEN NOTIFICATION THAT THE PARCEL HAS BEEN COMPLETELY ABATED AND IS SAFE TO ENTER AND/OR DEMOLISH THE NECESSARY STRUCTURES.
- 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 ABRASE 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 REMAIN IN PLACE, NOR CAN THEY BE USED AS CLEAN FILL OR RECYCLED.

**PLEASE NOTE: FOR THIS PROJECT NO BURNING WILL BE ALLOWED.**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING AN OHIO ENVIRONMENTAL PROTECTION AGENCY NOTIFICATION OF DEMOLITION AND RENOVATION FORM. THE ASBESTOS SURVEY REPORT FOR THIS PROJECT WILL BE INCLUDED AS PART OF THE SPECIAL PROVISIONS.

MEASUREMENT: THIS ITEM WILL BE MEASURED ON A PER UNIT BASIS AS LISTED IN THE PLANS FOR THE TYPES OF ACM INDICATED IN THE ASBESTOS ABATEMENT DOCUMENTATION.

BASIS OF PAYMENT: THE CONTRACTOR WILL FURNISH ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO PROPERLY DEVELOP AND COMPLY WITH AN ASBESTOS ABATEMENT DOCUMENTATION, SUBMIT FORMS, REMOVE, TRANSPORT AND DISPOSE OF ASBESTOS CONTAINING MATERIALS. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACTOR UNIT BID PRICE SHOWN BELOW. THE FOLLOWING ITEMS HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK AS DESCRIBED ABOVE:

ITEM SPECIAL – ASBESTOS ABATEMENT.....**6300 SQ.FT.**

ITEM SPECIAL – ASBESTOS ABATEMENT.....**200 L.F.**

**GENERAL NOTES**

**LAK - 2 - 3.32**