

Addendum #1

Asbestos Abatement

at

Pierce Middle School

January 23, 2017

Owner: Waterford School District
501 N Cass Lake Road
Waterford, MI 48328

Consultant: Nova Environmental, Inc.
5300 Plymouth Road
Ann Arbor, Michigan 48105

Each bidder's proposal shall include the work described herein. This addendum is hereby made a part of the contract documents. Unless otherwise indicated, the work described herein shall comply with, and be equal in all respects to, the original specifications and drawings accompanying same. Include incidental work required to properly complete the work, whether stated herein or not.

Addendum #1 Emailed to Contractors and Owner on January 23, 2017.

The following items are changed/added/deleted to the Asbestos Abatement Specifications for Pierce Middle School:

BID NO. 1 – PIERCE MIDDLE SCHOOL:

- Delete: Old Pages 40 and 46
- Add: New Pages 40 and 46
 - Page 40 - Please note scope amount change note 7 for Phase 3.
 - Page 46 – Please note Phase Clearance changes

END

PHASE 3 – Media Center

1. Remove all carpet, floor tile and mastic (and associated covebase), approximately 850 square feet, from the following areas:

Head End Room, Conference Room, Work Room and Learning Room

2. Remove all ceiling materials (including but not limited to panels, grid, plaster, mesh, wire, hangers and any/all supports), approximately 2,400 square feet, from the following areas:

Media Center, Kitchenette, Work Room, Learning Room and Office

3. Remove all ceiling materials (including but not limited to panels, grid, hangers and any/all supports), approximately 1,400 square feet, from the Media Center.
4. Remove all pipe and pipe fitting insulation, approximately 30 linear feet, from the Media Center Areas.
5. Remove one sink, from the Media Center Work Room.

NOTE: 1. One full enclosure for removal of all materials with glovebags for pipe removal not in enclosure.
2. Contractor to remove and dispose of all ceiling/wall/floor material to access pipe insulation as necessary.
3. Contractor to work second shift.
4. Contractor to clean all areas to the satisfaction of the Owner's Representative.
5. Contractor to remove any/all plaster overspray in ceiling removal areas.
6. Contractor to remove all mastic using grinding or other approved method. No chemical mastic remover is to be used.
7. Contractor to remove and dispose of all lights in ceiling removal areas. Lights to be thoroughly decontaminated or disposed of as ACM.

PHASE 4 – Locker Rooms

1. Remove all pipe and pipe fitting insulation, approximately 1,200 linear feet., from the following areas:

Girls' Locker Room, Boys' Locker Room, Stage Mechanical Room, Gym Mechanical Room

2. Remove all floor tile (and associated covebase), approximately 720 square feet, from the following areas:

Stage, Girls' Locker Room, Boys' Locker Room, Auxiliary Gym, Auxiliary Gym Mechanical Room

NOTE: 1. Full enclosures for removal of floor tile with glovebags for removal of all pipe insulation.
2. Contractor responsible for accessing all pipe insulation.
3. Contractor to work second shift/Saturday and Sunday as necessary.

PHASE 5 – Hallways

1. Remove all pipe and pipe fitting insulation, approximately 5,200 linear feet., from the following areas:

Hallways, Utility Room, Media Center Mechanical Room

9. It shall be the Contractor's responsibility to locate all applicable pipe and pipe fitting insulation behind/within/below all ceilings, univents, walls, cabinets, shelves, lockers casework and any other item and remove/dispose of the materials and associated debris as asbestos **whether identified in scope of work or not**. The Contractor shall only remove materials necessary to access and safely remove asbestos materials.
10. Should additional ACM floor tile/pipe and pipe fitting insulation be identified during demolition of the building, by the demolition Contractor, the Asbestos Abatement Contractor shall be responsible for the abatement of such materials and associated debris, at no additional cost to the Owner. Such removal shall be performed in a timely manner subject to such notification requirements as may be necessitated by the identified material.
11. Contractor shall provide all lift/support/access/structural/scaffold/safety needs and such other protocols for safety and structural integrity satisfying all applicable regulations. Contractor shall provide all necessary fall protection to Owner and Owner's Representatives.
12. The Contractor shall place Air Filtration Devices (AFD's) in work areas only. Wood with cutouts for exhaust ducts shall be placed in doors and windows. The Contractor shall secure the wood in the doors and windows to ensure a protected and secure work area. The following minimum of 2,000 CFM AFD's, abatement techniques and clearance sampling shall be utilized during each phase of abatement.

PIERCE MIDDLE SCHOOL

Phase	Area	# of AFD's	Abatement Technique	Clearance
PHASE 1	Classrooms	1/room	mini enclosure	PCM 1 < 0.01 f/cc
PHASE 2	Boiler Room	6	full enclosure	TEM 5 < 70 structures avg
PHASE 3	Media Center	6	full enclosure	TEM 5 < 70 structures avg
PHASE 4	Locker Rooms	1/ room	glovebags/full enclosure	TEM 5 < 70 structures avg
PHASE 5	Hallways	1/area	glovebags	PCM 5 < 0.01 f/cc
PHASE 6	Dining/Kitchen	5	glovebags/full enclosure	PCM 5 < 0.01 f/cc
PHASE 7	100 Wing	7	glovebags/full enclosure	TEM/ PCM
PHASE 8	Band	7	glovebags/full enclosure	PCM 5 < 0.01 f/cc
PHASE 9	200 Wing	7	glovebags/full enclosure	TEM/PCM
PHASE 10	300 Wing	9	glovebags/full enclosure	TEM/PCM
PHASE 11	400 Wing	4	glovebags/full enclosure	TEM/PCM
PHASE 12	Tunnel	5	full enclosure	TEM 5 < 70 structures avg
PHASE 13	Support Services	2	glovebags/full enclosure	PCM 5 < 0.01 f/cc
PHASE 13	Exterior	1/room	mini enclosure	N/A