Abatement & Deconstruction of Coler-Goldwater Hospital
Company Overview

Prior Experience & Similar Projects
Background

• Full-service contracting firm established in 1993
• Experienced in self-performing all abatement & environmental work
• $275 million in sales over the last five years
• Over 10,000 abatement & deconstruction projects completed
• Close proximity to Roosevelt Island project site
Prior Experience

Dormitory Authority
State of New York

- 15-story BMCC building
- 100% abatement and deconstruction
- Building damaged & contaminated by events of 9/11
- All work plans were reviewed by regulatory team
- Subcontractor Waldorf Demolition
Safety Approach

- Safety audits
- Licensed site & fire safety personnel
- Inspections
- Training
- Certification
Management & Supervisors

- OSHA 30 card
- Receive additional safety training
- Required to report, remediate & follow-up
- Hazard awareness & remediation training
- Ensure a hazard-free environment for our employees
Project Approach
Abatement & Deconstruction Process
Site Logistics

- Site conditions survey
  - Photographic documentation, report, provide binder
  - Inspection of plumbing for potential contaminants
- Fence installation, erosion control, tree protection, trailer installation
- Establishment of security presence
- Installation of mooring for barge operation
- Abatement and deconstruction of C-E Link Structure (ACP7/Alt2)
- Enabling of construction vehicle passage
- Delivery & staging of equipment & waste containers
Site Logistics

- Fence & Erosion Control
- Phase 1 Crushing Operation
- Phase 2 Crushing Operation
- Trailers
- Stockpile
- Stockpile
- Equipment Tire Wash
- Shed O.H. Protection
Interior Deconstruction

- Removal of remaining building contents
- Removal of finishes, interior partitions & ceilings
- Deconstruction of bathrooms
- Removal of perimeter plaster/terra cotta block wall
- Experienced subcontractor, Waldorf Demolition
Abatement

- Removal of light bulbs & ballasts
- Installation of interior abatement containment including negative pressure system (shutdown equipped)
- Removal of interior & exterior asbestos
- Interior abatement by Subchapter G
- Exterior abatement by EVS procedure
- Window caulking removed using lifts
- Interior & exterior abatement performed simultaneously
Structural Deconstruction

- Tree removal
- Removal of windows
- Mechanical deconstruction of building structural elements
- Sorting of waste streams into C&D, masonry & recycling
- Crushing of masonry debris to create clean fill
- Removal of foundations & back-filling site with clean fill
Barging

- Mooring point installed on east side of site
- All heavy equipment & waste containers delivered & picked up by barge
- All waste & recycling will be removed from the site & transported by barge
- Barging subcontractor identified, Donjon Marine
- Barging plan has been developed
Crushing Equipment

Rubble Master
RM80
Sequence of Work
Phase 1
105 days
Legend
- Interior Deconstruction
- Abatement
- Structural Deconstruction
- Complete
Legend
- Interior Deconstruction
- Abatement
- Structural Deconstruction
- Complete
Phase 1 → 2

Legend
- Interior Deconstruction
- Abatement
- Structural Deconstruction
- Complete
Phase 2
130 Days

Legend
- Interior Deconstruction
- Abatement
- Structural Deconstruction
- Complete
Legend

- **Interior Deconstruction**
- **Abatement**
- **Structural Deconstruction**
- **Complete**
Legend

- Interior Deconstruction
- Abatement
- Structural Deconstruction
- Complete