

Gilsenan, Michael

From: Chapin, Diana
Sent: Wednesday, April 17, 2002 5:12 PM
To: Avaltroni, Robert; Gilsenan, Michael; Gilsenan, Michael
Cc: Ward, Chris
Subject: FW: Proposal for Building Clean up



Proposal For
NYC.doc

This suggests that cleaning of large central air systems is probably out there. I wouldn't just go to one purveyor, but we should investigate what there is and what kind of costs are involved.

-----Original Message-----

From: Ilan, Lee [mailto:lilan@cityhall.nyc.gov]
 Sent: Tuesday, April 16, 2002 10:51 AM
 To: Benson, Sam; Chapin, Diana; 'Bob Avaltroni'
 Cc: Miller, James; Sumowicz, Alessandra
 Subject: FW: Proposal for Building Clean up

FYI- This guy called this morning wondering who he could speak with about his firm that manufactures/sells industrial vacuum cleaning systems. Some info is attached. How are such requests being handled?

--Lee

-----Original Message-----

From: Brett Hardie [mailto:bthardie@eprincorp.com]
 Sent: Tuesday, April 16, 2002 10:16 AM
 To: Lilan@cityhall.nyc.gov
 Subject: Proposal for Building Clean up

Dear Ms. Ilan

We would like the opportunity to meet with who ever you feel is the proper person to discuss the project and submit a formal proposal for your evaluation.

I wish to take this opportunity to thank you for your assistance in this matter.

Sincerely,

Frank Renkowicz

EPR Inc

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Proposal to Insure Air Quality

EPR Inc (the company) located at 22 Mainline Drive, Westfield, MA 01085, tel.: 413-572-6900, fax: 413-572-9086, e-mail: sales@eprincorp.com is a manufacturer, distributor and seller of state of the art equipment capable of meeting the stringent air pollution control requirements imposed by the State and Federal clean air act regulations.

The company's large industrial central vacuum cleaning system (mobile) and its patented ADM (Aerodynamic Module) are the best systems on the market for cleaning both the exterior and interior of the buildings at the W.T.C. site.

Goals

- ◆ To remove from the exterior and interior of the approximately 211 buildings at the W.T.C., the dust that has been found to have a wide range of substances that can be harmful when inhaled.
- ◆ To remove from the exterior and interior of the buildings, the dust consisting of small particles (1-1000 microns) that can become airborne and continuing to pollute the interiors of the buildings and the surrounding areas.
- ◆ To install ADMs in the buildings existing ductwork to ensure continuing clean air in the buildings.
- ◆ To determine if clean in place dispensers are required on the buildings' HVAC systems to eliminate mold spores on a permanent basis.

22 Mainline Drive. Westfield, Massachusetts 01085 (413) 572-6900

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Method of Cleaning

Our industrial central vacuum cleaning system (mobile) is the best system on the market for cleaning both the exterior and interior of the buildings at the W.T.C. site. Through the closed pipe system, the dust-laden air is removed entirely from the working area, to the central system where the dust is separated from the area through a Simatek pulse-jet filter.

The high vacuum makes it possible to install several hundred meters of pipes in one system and to collect and convey even heavy materials such as cement, steel, sand, glass, iron cuttings, process waste, etc.

There are 80 installations operating, collecting 100% of the following.

Fly Ash	Malt Dust
Fiber Glass Dust	Fishmeal Dust
Paper Dust	Office Dust
Grain/Flour Dust	Protein Dust
Wet Wood Chips	Dye stuff Dust
Metallic Oxide	Pellet Dust
Sugar Dust	Tobacco Dust
Plastic Dust	Fiber Dust
Soap Dust	Pet Food Dust
Cement Dust	Corn Dust
Glass Dust	Feed Dust
Seed Dust	Steel/Iron Dust

Select a group of four adjacent buildings and allocate three mobile vacuum units to each building. Two for exterior cleaning and one for interior cleaning, each capable of handling up to three 5" suction lines with a range of 900 feet. The operators will start at the top and vacuum to the bottom, material is collected through the vacuum filter systems preventing any particulate from returning to the atmosphere into a collection dumpster. The units will be relocated as required to completely clean the building.

After vacuum cleaning the existing ductwork in the buildings, install ADM units in the ductwork to ensure continued clean air.

Procedure:

Prior to cleaning each building the company's engineering staff will determine the best method for cleaning that building.

EPR Inc

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Equipment

Mobile Vacuum Units:

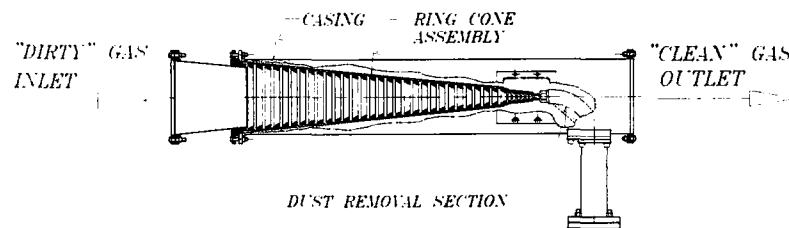
Each vacuum unit will consist of a collector body, pulse-jet filter, vacuum pump w/electric motor, safety valve, safety filter / differential pressure switch (to provide suction capacity based on requirement), silencer, discharge system, level switch for automatic stop of suction, unit control, compressed-air compressor, and silencing cabinet mounted on a flatbed trailer. Material will be collected into the collector body through 3 suction lines, 5 inches in diameter and 900 feet long. The pulse-jet filter prevents any dust from escaping the collector. The level switch will automatically shut the vacuum off once the collector is full. Then the discharge system will empty the collector into the necessary containers for disposal.

Through the closed piping system of the mobile vacuum, the dust is removed entirely from the work area, to the central plant where the dust is separated from the air through a pulse-jet filter. By means of the high vacuum it is possible to operate several hundred feet of pipe in one system and to collect and convey heavy material, such as cement, steel, sand, grain, fertilizer, iron cuttings, etc. The cleaning of the conveying air satisfies the highest emission requirements, and the collected product is discharged into a container to be emptied regularly.

ADM Units:

Each ADM unit will consist of an inlet cone, flow stabilizers, Modules, dust discharge assembly, material collection hopper and installed in existing ductwork in the buildings. The dust laden air will enter the inlet cone, continue through the flow stabilizers to the ADMs, where the dust will be separated from the air and collected in a hopper for disposal. The cleaned air will then be re-circulated throughout the building.

The patented aerodynamic module (ADM) consists of a tubular casing enclosing an aerodynamically designed conical ring and dust discharge assembly. Gas containing particulate enters the wide opening of the conical shaped ring assembly and flows parallel to the axis of the cone. Because of the forced or draft induced flow the pressure inside is higher than pressure outside the cone, causing the "cleaned" gases to flow between the rings toward the outer housing. The "cleaned" gas continues through the housing to be returned; to the process, to the atmosphere or if required to a final air pollution control device.



EPR Inc

Quick Facts on the Company

Name	EPR Inc Simatek A/S
Address	22 Mainline Dr., Westfield, MA 01085 (EPR Inc) Charlottevej 10, DK-4270 Hong (Simatek A/S)
E-mail	Sales@eprincorp.com
Website	www.eprincorp.com
Year Incorporated	EPR Inc – Aug. 1992 Simatek A/S – May 1981
Number of Installations	5,200
Products	3C Low Pressure Individual Bag Cleaning Fabric Filters 4T Medium Pressure Fabric Filters Spot Filters Pit Aspiration Filters Bucket Elevators Stationary & Mobile Vacuum Systems ADM Product Line 3C Clean in Place Fabric Filters Dry Absorption Systems for Flue Gas Cleaning
Major Shareholders	Travelers Insurance, Hambrecht & Quist
Legal	Reitler Brown LLC, 21 st Floor, 800 Third Ave., NY
Auditors	Deloitte & Touche, Soro Denmark

22 Mainline Drive, Westfield, Massachusetts 01085 (413) 572-6900