

## Gilsenan, Michael

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**Sent:** Thursday, March 06, 2003 5:22 PM  
**To:** Smyth, Virginia  
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**Subject:** HVAC unit prices



HVAC Unit Prices  
Quad B & D.x...



HVACUnitPrices-Qu  
ad C.xls

# WTC HVAC CLEANING UNIT PRICES

## Quad C

| No | ITEMS                                             | UNIT PRICE |                           | VSEF* |                                |
|----|---------------------------------------------------|------------|---------------------------|-------|--------------------------------|
| 1  | Tents                                             | \$ 450.00  | Each                      |       |                                |
| 2  | Glovebags                                         | \$ 225.00  | Each                      |       |                                |
| 3  | Exhaust (mushroom) fan unit(<500cfm)              | \$ 300.00  | Each                      | 2.2   |                                |
| 4  | Exhaust (mushroom) fan unit(500 - 1500cfm)        | \$ 350.00  | Each                      | 2.2   |                                |
| 5  | Exhaust (mushroom) fan unit(>1500 - 2500cfm)      | \$ 400.00  | Each                      | 2.2   |                                |
| 6  | Exhaust mushroom) fan unit(>2500cfm)              | \$ 450.00  | Each                      | 2.2   |                                |
| 7  | Exhaust Centrifugal Blower (<1000cfm)             | \$ 250.00  | Each                      | 2.2   |                                |
| 8  | Exhaust Centrifugal Blower (>1000 - 2000cfm)      | \$ 437.00  | Each                      | 2.2   |                                |
| 9  | Exhaust Centrifugal Blower (>2000cfm)             | \$ 500.00  | Each                      | 2.2   |                                |
| 10 | Exhaust Riser (Includes Cleaning Grills)          | \$ 200.00  | Per Floor                 |       |                                |
| 11 | Exhaust Branch Riser - horizontal runs(<6 feet)   | \$ -       |                           |       |                                |
| 12 | Exhaust Branch Riser - horizontal runs(>6 feet)   | \$ 135.00  | Per 10 lin ft. increments |       |                                |
| 13 | Air handling unit (<1000cfm)                      | \$ 404.00  | Each                      | 2.1   |                                |
| 14 | Air handling unit (1000 - 2000cfm)                | \$ 547.50  | Each                      | 2.1   |                                |
| 15 | Air handling unit (>2000 - 3000cfm)               | \$ 697.50  | Each                      | 2.1   |                                |
| 16 | Package AC (< 5 Tons)                             | \$ 750.00  | Each                      | 2.1   |                                |
| 17 | Package AC - each addditional 2.5 Tons            | \$ 375.00  | Each                      | 2.1   |                                |
| 18 | Mech. Make-up Air (< 1000 cfm)                    | \$ 525.00  |                           | 2.3   |                                |
| 19 | Mech. Make-up Air (> 1000 cfm)                    | \$ 825.00  |                           | 2.3   |                                |
| 20 | Horizontal Supply/Return Duct < 5sf cross section | \$ 185.00  | Per 10 lin ft increments  | 2.1   |                                |
| 21 | Horizontal Supply/Return Duct > 5sf cross section | \$ 215.00  | Per 10 lin ft increments  | 2.1   |                                |
| 22 | Supply/Return Riser < 5sf cross section           | \$ 185.00  | Per Floor                 |       | includes diffusers & registers |
| 23 | Supply/Return Riser > 5sf cross section           | \$ 235.00  | Per Floor                 |       | includes diffusers & registers |
| 24 | Encapsulation                                     | \$ 150.00  | Per 10 lf/sf incriments   |       |                                |
| 25 | Access Hatches                                    | \$ 35.00   | Per Door                  |       |                                |
| 26 | Outside Air Duct                                  | \$ 105.00  | Per 10 lf incriments      | 2.1   |                                |
| 27 | Outside Air Plenum                                | \$ 8.00    | Per sf -surface area      | 2.1   |                                |
| 28 | Outside Air Intake Grill                          | \$ 8.00    | Per sf                    | 2.1   |                                |
| 29 | Package HVAC - Through wall                       | \$ 375.00  | Each                      |       |                                |
| 30 | Baseboard Heeting Fins                            | \$ 30.00   | Per lf                    |       |                                |
| 31 | Scaffold Set Up                                   | \$ 100.00  | Per 5 ft section          |       |                                |

### \* VENTILATION SYSTEM EVALUATION FORM

2.1 Central Ventilation System Visual Inspection Form

2.2 Mechanical Exhaust System Visual Inspection Form

2.3Mechanical Make-up Air system Visual Inspection Form

**WTC HVAC CLEANING UNIT PRICES Quad B & D**

| No | ITEMS                                             | UNIT PRICE |                           | VSEF* |                                |
|----|---------------------------------------------------|------------|---------------------------|-------|--------------------------------|
| 1  | Tents                                             | \$ 500     | Each                      |       |                                |
| 2  | Glovebags                                         | \$ 300     | Each                      |       |                                |
| 3  | Exhaust (mushroom) fan unit(<500cfm)              | \$ 300     | Each                      | 2.2   |                                |
| 4  | Exhaust (mushroom) fan unit(500 - 1500cfm)        | \$ 400     | Each                      | 2.2   |                                |
| 5  | Exhaust (mushroom) fan unit(>1500 - 2500cfm)      | \$ 500     | Each                      | 2.2   |                                |
| 6  | Exhaust mushroom) fan unit(>2500cfm)              | \$ 600     | Each                      | 2.2   |                                |
| 7  | Exhaust Centrifugal Blower (<1000cfm)             | \$ 500     | Each                      | 2.2   |                                |
| 8  | Exhaust Centrifugal Blower (>1000 - 2000cfm)      | \$ 750     | Each                      | 2.2   |                                |
| 9  | Exhaust Centrifugal Blower (>2000cfm)             | \$ 1,000   | Each                      | 2.2   |                                |
| 10 | Exhaust Riser (Includes Cleaning Grills)          | \$ 200     | Per Floor                 |       |                                |
| 11 | Exhaust Branch Riser - horizontal runs(<6 feet)   | N/C        |                           |       |                                |
| 12 | Exhaust Branch Riser - horizontal runs(>6 feet)   | \$ 200     | Per 10 lin ft. increments |       |                                |
| 13 | Air handling unit (<1000cfm)                      | \$ 500     | Each                      | 2.1   |                                |
| 14 | Air handling unit (1000 - 2000cfm)                | \$ 750     | Each                      | 2.1   |                                |
| 15 | Air handling unit (>2000 - 3000cfm)               | \$ 1,000   | Each                      | 2.1   |                                |
| 16 | Package AC (< 5 Tons)                             | \$ 1,000   | Each                      | 2.1   |                                |
| 17 | Package AC - each additional 2.5 Tons             | \$ 500     | Each                      | 2.1   |                                |
| 18 | Mech. Make-up Air (< 1000 cfm)                    | \$ 600     |                           | 2.3   |                                |
| 19 | Mech. Make-up Air (> 1000 cfm)                    | \$ 900     |                           | 2.3   |                                |
| 20 | Horizontal Supply/Return Duct < 5sf cross section | \$ 200     | Per 10 lin ft increments  | 2.1   |                                |
| 21 | Horizontal Supply/Return Duct > 5sf cross section | \$ 250     | Per 10 lin ft increments  | 2.1   |                                |
| 22 | Supply/Return Riser < 5sf cross section           | \$ 200     | Per Floor                 |       | includes diffusers & registers |
| 23 | Supply/Return Riser > 5sf cross section           | \$ 250     | Per Floor                 |       | includes diffusers & registers |
| 24 | Encapsulation                                     | \$ 150     | Per 10 lf/sf increments   |       |                                |
| 25 | Access Hatches                                    | \$ 50      | Each                      |       |                                |
| 26 | Outside Air Duct                                  | \$ 200     | Per 10 lf increments      | 2.1   |                                |
| 27 | Outside Air Plenum                                | \$ 5       | Per sf surface area       | 2.1   |                                |
| 28 | Outside Air Intake Grill                          | \$ 5       | Per sf                    | 2.1   |                                |
| 29 | Package HVAC - Through wall                       | \$ 500     | Each                      |       |                                |
| 30 | Baseboard Heating Fins                            | \$ 25      | Per lf                    |       |                                |
| 31 | Scaffold Set Up                                   | \$ 100     | Per 5 ft section          |       |                                |

\* VENTILATION SYSTEM EVALUATION FORM

2.1 Central Ventilation System Visual Inspection Form

2.2 Mechanical Exhaust System Visual Inspection Form

2.3 Mechanical Make-up Air system Visual Inspection Form