NCSX June 2007 ETC TABLE V - Basis of Estimate

WBS Number: 63 WBS Title: Utility Systems Job Number: 6301 Job Title: Utility Systems Job Manager: Larry Dudek

Backup Data

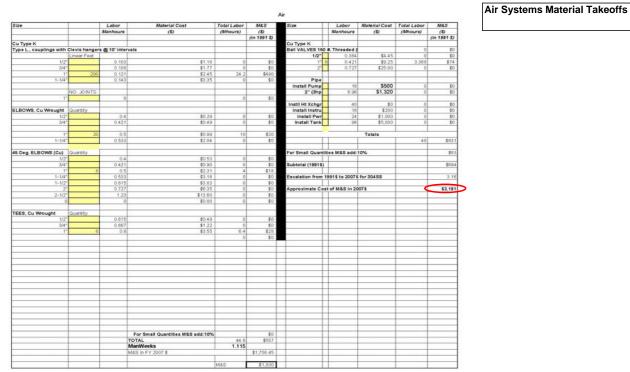
Vent Systems Material Takeoffs

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|---|---|---|---|--|
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| Size | | Labor | Material Cost | Total Labor | M&S | Size | | Labor | Material Cost | Total Labor | M&S |
|-----------------------|-------------|----------|---------------|-------------|--------------|--|------------|----------|---------------|-------------|--------------|
| | | Manhours | (\$) | (Mhours) | (\$) | | | Manhours | (S) | (Mhours) | (\$) |
| Material: 304 SS | | | | | (in 1991 \$) | Material: 304 SS | | | | | (in 1991 \$) |
| Sch10 with Clevis har | gers | | | | | Ball VALVES 150 #, | Threaded (| Bronze) | | 0 | \$(|
| | Linear Feet | | | | | 1/2" | | 0.364 | \$4,45 | 0 | \$(|
| 1- | | 0.160 | \$5 | 0 | \$0 | 1" | | 0.421 | \$9.25 | 3.368 | \$7. |
| 1-1/4" | | 0.176 | \$6 | 0 | \$0 | 2" | 9 | 0.727 | \$25.00 | 0 | 51 |
| 1-1/2" | | 0.193 | \$7 | 0 | \$0 | | | | | | |
| 2" | | 0.239 | \$9 | 0 | \$0 | | | | 2 | | |
| 1-1/2" | | 0.314 | \$11 | 0 | \$0 | and the second s | | | 2 3 | | |
| 3" | | 0.348 | \$13 | 0 | \$0 | Pipe | | | | | |
| 4" 30 | 300 | 0.381 | \$17 | 114 | \$4,983 | 1" | 1 | 0.160 | \$5 | 0 | \$1 |
| | | 0 | | | | Install Pump | | 32.000 | \$10,000 | 0 | \$ |
| Sch 5 and 10 | NO. JOINTS | \$ | | | | Instil Ht Xchgr | | 40.000 | \$0 | 0 | S |
| 1* | | 1.000 | | 0 | \$0 | Install Instru | 0 | 16.000 | \$200 | 0 | \$1 |
| ELBOWS | Quantity | | | | | | | | | | |
| 3- | | 2.670 | \$20 | 0 | \$0 | | | | | 322 | \$6.39 |
| 4" | 12 | 4.000 | | 48 | \$468 | | | | | | |
| | | | | | | For Small Quantities M&S add:10% | | | | | \$63 |
| 45 Deg. ELBOWS | Quantity | | | | | | | | | | |
| 3" | | 2.670 | \$18 | 0 | \$0 | Subtotal (1991\$) | | | | | \$7.03 |
| 4" | 4 | 4.000 | \$39 | 16 | \$156 | | | | 2 | 2 | |
| 5* | | 5.330 | \$215 | 0 | \$0 | | | | | | |
| 8 | | | 1 | | | Escalation from 1991\$ to 2007\$ for 304SS | | | 3 | | 3.1 |
| TEES | Quantity | | | | | | | | | | |
| 4* | 10 | 8.000 | | 80 | \$710 | Approximate Cost of | f M&S in 2 | 007\$ | | | \$22,20 |
| 5" | | 8.000 | \$285 | 0 | \$0 | | | | | | |
| FLANGES, SLIP ON 1 | Quantity | - | | | | | | _ | | - | - |
| 1* | | 0.296 | \$20 | 0 | \$0 | | | | | - | |
| VALVES | | | | | | | | | | | |
| 4" (Motorized) | | 8.000 | \$2,000 | 0 | \$0 | | | | | | |
| 6" | 1 | 12.000 | | 0 | \$0 | | | | | | |
| 16* | | 16.000 | | 0 | \$0 | | | | | | |

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WBS Number: 63 WBS Title: Utility Systems Job Number: 6301 Job Title: Utility Systems Job Manager: Larry Dudek



WBS 6.3 Utility Sys Estimate2a.xls

Air page 1 of 1

5/21/2007 11:31 AM