

**COLLIN COUNTY JUSTICE CENTER**

**CHANGE REQUEST #2-1**

3/21/2011

*Revised 3/31/2011*

DESCRIPTION CHANGE IN SCOPE: Reroute domestic water piping at stair wells around behind and through adjacent Mechanical Room in lieu of as indicated on drawings and as directed by Half Associates.

| DESCRIPTION                      | QUANTITY            | LABOR MAN HOURS      | TOTAL LABOR   | MATERIAL COST | TOTAL COST       |
|----------------------------------|---------------------|----------------------|---------------|---------------|------------------|
| 4" GROOVE LOC COPPER 90 ELL      | 44                  | 3.94                 | 173.36        | \$81.26       | 3,575.44         |
| 4" GROOVE LOC COPPER COUPLING    | 96                  | 0.24                 | 23.04         | \$32.00       | 3,072.00         |
| 4" TYPE L HARD COPPER PIPE       | 100 <i>ft Pipe,</i> | 0.36                 | 31.68         | \$41.90       | 4,190.00         |
| 4" CLEVIS HANGER ASSEMBLY        | 24                  | 1.5                  | 36            | \$11.40       | 273.60           |
|                                  |                     |                      | <u>264.08</u> |               | <u>11,111.04</u> |
| INSULATION                       |                     | <i>88 hrs. Labor</i> |               |               | \$ 2,500.00      |
| DESCRIPTION                      |                     |                      |               |               |                  |
| SUPERVISION                      | 20%                 | 53                   |               |               |                  |
| SECOND SHIFT PRODUCTIVITY FACTOR | 20%                 | 53                   |               |               |                  |
| LABOR MAN HOURS                  |                     | <u>264</u>           |               |               |                  |
|                                  |                     | 370                  |               |               |                  |
| HOURLY RATE                      |                     | \$ 56.82             |               |               |                  |
| LABOR COST                       |                     | \$ 21,007.04         |               |               |                  |
| MATERIAL COST                    |                     | \$ 11,111.04         |               |               |                  |
| SUB CONTRACT COST                |                     | \$ 2,500.00          |               |               |                  |
| TOTAL NET COST                   |                     | \$ 34,618.08         |               |               |                  |
| PROFIT                           | 10%                 | \$ 3,461.81          |               |               |                  |
| TOTAL SELL PRICE                 |                     | <u>\$ 38,079.88</u>  |               |               |                  |

*264 hr / (4 men)(8 hr/day) = 8.25 days  
say 9 Day Contract Extension*

- REVIEWED - NO EXCEPTIONS NOTED
- REVIEWED WITH NOTED EXCEPTIONS
- REJECTED - RESUBMIT

Checking is only for conformance with the design concept of the project and compliance with the information given in the contract Documents. Contractor is responsible for dimensions to be confirmed and corrected at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades. Engineer's comments do not Release the Contractor of Contractual responsibilities as defined in the drawings or specifications.

BY Chander Woods  
DATE 4/4/11

**HALFF ASSOCIATES, INC.**  
**ENGINEERS & SCIENTISTS**

*6/5/11*  
*cf*  
*CB*