

34-3

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY

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Meeting Date: July 22, 2008

☒ Consent  
☐ Ordinance

☐ Regular  
☐ Public Hearing

Department: Facilities Development & Operations

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I. EXECUTIVE BRIEF

**Motion and Title:** Staff recommends motion to approve: JOC Work Order No. 08-111 with M.A.C. Construction, Inc., (R2007-0949) in the amount of \$445,063.70 to provide emergency HVAC back-up for critical areas of the Main Jail.

**Summary:** The work consists of the design and installation of new HVAC equipment which can be isolated for connection and support by the existing emergency generator determined to be critical to maintaining jail operations while commercial power is not available. This project is funded from the hurricane hardening account established in 2007 to project critical areas at the Criminal Justice Complex allowing, in large part, for the FY '08 cancellation of a future \$20,000,000 EOC Expansion Project. In addition, in FY '08, \$8,000,000 was swept from the Hurricane Hardening account to the General Fund. The SBE participation in this work order is 8.27%. When the participation for this work order is added to M.A.C.'s total participation-to-date, the resulting values are 16.5%. The SBE goals are 15%. The total construction duration is 180 days. This work will comply with all applicable local, state, and federal codes and regulations. (FD&O Admin) Countywide/District 2 (JM)

**Background & Justification:** The Sheriff has a need to maintain operations in these critical areas both during and immediately following hurricanes. The existing HVAC equipment is too large for the existing generator and cannot be isolated to cover only these areas. This new equipment will provide the necessary emergency HVAC required.

**Attachments:**

1. Location Map
2. Work Order
3. Contractor's Cost Proposal
4. SBE Estimate Report
5. Budget Availability Statement

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Recommended by:

Anthony W. W. F.  
Department Director

7/3/08  
Date

Approved by:

W. Baker  
County Administrator

7/15/08  
Date

## II. FISCAL IMPACT ANALYSIS

### A. Five Year Summary of Fiscal Impact:

| Fiscal Year                             | 2008      | 2009 | 2010 | 2011 | 2012 |
|---|-----------|------|------|------|------|
| Capital Expenditures                    | \$518,500 | 0    | 0    | 0    | 0    |
| Operating Costs                         | 0         | 0    | 0    | 0    | 0    |
| External Revenues                       | 0         | 0    | 0    | 0    | 0    |
| Program Income (County)                 | 0         | 0    | 0    | 0    | 0    |
| In-Kind Match (County)                  | 0         | 0    | 0    | 0    | 0    |
| NET FISCAL IMPACT                       | \$518,500 | 0    | 0    | 0    | 0    |
| # Additional FTE Positions (Cumulative) | —         | —    | —    | —    |      |

Is Item Included in Current Budget? Yes X No   

**Budget Account No: 3804-411-B405-4907**

Reporting Category \_\_\_\_\_

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

Contract: \$445,063.70  
A & E / staff \$  
Contingency: 73,436.55  
C. Departmental Fiscal Review: \$518,500.25

**C. Departmental Fiscal Review:**

### III. REVIEW COMMENTS

**A. OFMB Fiscal and/or Contract Development & Control Comments:**

Atwellhite 7.10.08  
 OFMB 88 CN 7/9/08  
 7/09/08 7/9/08 7/11/08  
 Contract Dev. and Control

**A. Legal Sufficiency:**

**This item complies with current County policies.**


*[Signature]* 7/14/08  
Assistant County Attorney

**A. Other Department Review:**

**Department Director**

**This summary is not to be used as a basis for payment.**



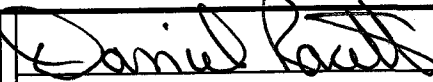
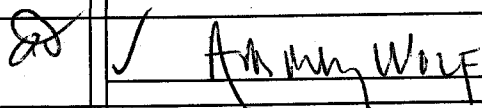
|               |  |   |
|---------------|--|---|
| June 23, 2008 | <b>JOC Work Order</b><br>Job Order Construction Services   |  |
| 08539         | CJC Main Jail - First Floor Line-up Area HVAC<br>CJC South Tower Bldg, 3228 Gun Club Road<br>3228 Gun Club Road, WEST PALM BEACH |   |

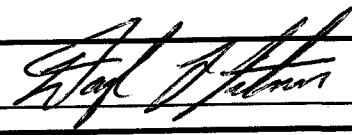
**Brief Description:** Provide emergency power HVAC for the first floor line-up area and Staff program area located on the third floor per the plans by Gartek.

Contractor: M.A.C. Construction, Inc.  
9500 N.W. 12 Street  
Miami, FL 33172  
Contract: R-2007-0949 Dated June 19, 2008  
**AMOUNT: \$ 445,063.70**  
Funding: 3804-411-B405-03-4907  
JOC Work Order #: 08-111  
Project Duration: **6** Months (Liquidated damages will apply)

DISTRICT: 2

**Approval Signatures**

|   |   |                 |
|---|---|-----------------|
| Daniel Racette, Project Coordinator                           |   | 6-23-08<br>Date |
| Audrey Wolf, Director<br>Facilities Development & Operations  |  | 7/3/08<br>Date  |
| Chair   | (NOT REQUIRED FOR PROJECTS <\$100,000 OR >\$200,000)                                |                 |
| Contract Review Committee                                     |   | Date            |
| Approved as to form and legal sufficiency<br>County Attorney  |   | Date            |
| Addie L. Greene, Chairperson<br>Board of County Commissioners |   | Date            |

|  |  |                 |
|--|--|-----------------|
| President<br>M.A.C. Construction, Inc. |  | 6/23/08<br>Date |
|--|--|-----------------|

COPY: Project File

ATTACHMENT #2

**Job Order Contract**  
**Proposal Review - CSI Summary**

Date                      June 27, 2008  
Job Order Number: 08539  
Job Order Name:    CJC Main Jail - First Floor Line-up Area HVAC  
Review:                CJC Main Jail HVAC - 6/20/2008   4:20:04PM

|                       |                 |              |
|-----------------------|-----------------|--------------|
| Section 01            | Subtotal for 01 | \$37,233.45  |
| Section 02            | Subtotal for 02 | \$4,990.55   |
| Section 03            | Subtotal for 03 | \$15,179.85  |
| Section 05            | Subtotal for 05 | \$934.31     |
| Section 07            | Subtotal for 07 | \$5,111.99   |
| Section 08            | Subtotal for 08 | \$445.08     |
| Section 13            | Subtotal for 13 | \$147,691.74 |
| Section 15            | Subtotal for 15 | \$204,113.96 |
| Section 16            | Subtotal for 16 | \$26,712.77  |
| Section 18            | Subtotal for 18 | \$2,650.00   |
| Proposal Review Total |                 | \$445,063.70 |

This job order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

**ATTACHMENT #3**

Job Order Contract  
Proposal Review - CSI Detail

Date: June 27, 2008  
Job Order Number: 08539  
Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC  
Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

| Sect.           | Item  | Mod. | UOM  | Description   | Line Total  |
|-----------------|-------|------|--|---|-------------|
| Section 01      |       |      |  |   |             |
| 1               | 01352 | 1091 | HR   | Electrician, Note: Line items in the CTC include appropriate costs to cover labor. These items will be requested specifically by the owner for miscellaneous work not covered in the CTC.         | \$9,831.66  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 240.00   | 38.97   | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$9,831.66  |
|                 |       |      | hook up chiller & all AHU's, remove existing panel, d/c existing ahu, verify existing circuits per plans   |   |             |
| 2               | 01352 | 1091 | 1911   | For Foreman, Add  | \$491.96    |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 240.00   | 1.95  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$491.96    |
|                 |       |      | 'hook up chiller & all AHU's, remove existing panel, d/c existing ahu, verify existing circuits per plans' |   |             |
| 3               | 01352 | 1311 | HR   | Sheet Metal Worker, Note: Line items in the CTC include appropriate costs to cover labor. These items will be requested specifically by the owner for miscellaneous work not covered in the CTC.  | \$5,118.92  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 120.00   | 40.58   | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$5,118.92  |
|                 |       |      | retro fit ceiling to accept new ceiling AHU's  |   |             |
| 4               | 01352 | 1311 | 1911   | For Foreman, Add  | \$256.07    |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 120.00   | 2.03  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$256.07    |
| 5               | 01352 | 1351 | HR   | Steam / Pipe Fitter, Note: Line items in the CTC include appropriate costs to cover labor. These items will be requested specifically by the owner for miscellaneous work not covered in the CTC. | \$3,794.29  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 84.00  | 42.97   | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$3,794.29  |
|                 |       |      | demo of existing mechanical room   |   |             |
| 6               | 01352 | 1351 | 1911   | For Foreman, Add  | \$189.85    |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 84.00  | 2.15  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$189.85    |
| 7               | 01510 | 2015 | EA   | 20 CY Dumpster (7 Ton Capacity) "Construction Debris" Note: Price Includes Service To Deliver And Pick-up Of Dumpster, Hauling Of Debris, Rental Of Dumpster And Disposal Fee.                    | \$2,680.56  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 6.00   | 425.00  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$2,680.56  |
| 8               | 01590 | 1132 | WK   | 42" x 100" x 25' High Platform  | \$840.88    |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 2.00   | 399.96  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$840.88    |
| 9               | 01590 | 4708 | WK   | 1-1/2" CY, 24" Bucket, 16'-6" Deep, 90 HP Loader-Backhoe Note: With full-time operator  | \$3,209.29  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 1.00   | 3,052.98  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$3,209.29  |
| 10              | 01590 | 9122 | WK   | 70 Ton Lift Hydraulic Crane, With Full-Time Operator  | \$6,395.03  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 1.00   | 6,083.55  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$6,395.03  |
| 11              | 01590 | 9702 | WK   | 4000 To 5999 LB Forklift With Full-Time Operator  | \$4,424.94  |
|                 |       |      | Quantity   | Unit Price  | Factor      |
|                 |       |      | 3.00   | 1,403.14  | 1.0512      |
|                 |       |      | x  | x   | =           |
|                 |       |      |  |   | \$4,424.94  |
| Subtotal for 01 |       |      |  |   | \$37,233.45 |

Section 02

# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539  
 Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC  
 Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|    |       |      |                             |   |   |          |  |            |  |            |
|----|-------|------|-----------------------------|---|---|----------|--|------------|--|------------|
| 12 | 02112 | 7132 | EA                          | Drill 3" (76 mm) Diameter Core In 8" (20 cm) Concrete   |   |          |  |            |  | \$377.80   |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 10.00 x   | 35.94 x   | 1.0512 = |  | \$377.80   |  |            |
| 13 | 02112 | 7136 | EA                          | Drill 10" (25 cm) Diameter Core In 8" (20 cm) Concrete  |   |          |  |            |  | \$504.11   |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 4.00 x  | 119.89 x  | 1.0512 = |  | \$504.11   |  |            |
| 14 | 02112 | 7901 | EA                          | Core Drill Minimum Charge For projects where the total core drilling charge is less than the minimum charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section. |   |          |  |            |  | \$364.48   |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation for electrical | 1.00 x  | 346.73 x  | 1.0512 = |  | \$364.48   |  |            |
| 15 | 02201 | 1003 | EA                          | Backhoe, Dozer Or Roller Up To 250 HP Delivery/Mob/Demob Note: Use for backhoe, dozer, roller, loader, excavator or similar sized equipment. Includes delivery fee, delivery, set-up and return.                          |   |          |  |            |  | \$329.12   |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 1.00 x  | 313.09 x  | 1.0512 = |  | \$329.12   |  |            |
| 16 | 02215 | 2002 | CY                          | Excavation for Trenching by Hand in Loose Rock Includes Stockpiling Excess Materials and Trimming Sides and Bottom of Trench.   |   |          |  |            |  | \$3,142.88 |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 60.00 x   | 49.83 x   | 1.0512 = |  | \$3,142.88 |  |            |
| 17 | 02215 | 3001 | CY                          | Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine  |   |          |  |            |  | \$95.87    |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 60.00 x   | 1.52 x  | 1.0512 = |  | \$95.87    |  |            |
| 18 | 02215 | 3001 | 9914                        | CY  | For Quantities > 50 To 250 (> 39 m3 To 191 m3), Add |          |  |            |  | \$23.97    |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 60.00 x   | 0.38 x  | 1.0512 = |  | \$23.97    |  |            |
| 19 | 02555 | 1302 | LF                          | 3/4" (19 mm) Diameter, Type K, Copper Tubing, Water Distribution  |   |          |  |            |  | \$152.32   |
|    |       |      |                             | Quantity  | Unit Price  | Factor   |  | Total      |  |            |
|    |       |      | Installation                | 30.00 x   | 4.83 x  | 1.0512 = |  | \$152.32   |  |            |
|    |       |      |                             | line to new a/c pad   |   |          |  |            |  |            |

Subtotal for 02

\$4,990.55

| Section 03 |       |      |              |   |                                |          |  |            |  |            |
|------------|-------|------|--------------|---|--------------------------------|----------|--|------------|--|------------|
| 20         | 03110 | 1151 | SF           | Below Grade Walls Foundation Wood Formwork Note: Excludes footing         |                                |          |  |            |  | \$2,048.33 |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 552.00 x  | 3.53 x                         | 1.0512 = |  | \$2,048.33 |  |            |
| 21         | 03110 | 1151 | 1191         | SF  | For Quantities < 1000, Add     |          |  |            |  | \$353.96   |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 552.00 x  | 0.61 x                         | 1.0512 = |  | \$353.96   |  |            |
| 22         | 03210 | 2103 | TON          | Grade 60 Reinforcing Steel, Beams, Columns, Walls, #3-#6                  |                                |          |  |            |  | \$1,270.03 |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 0.80 x  | 1,510.22 x                     | 1.0512 = |  | \$1,270.03 |  |            |
| 23         | 03220 | 1001 | SF           | 6 x 6 x #10, 21#/CSF, Welded Wire Reinforcement In Slabs, (W 1.4 x W 1.4) |                                |          |  |            |  | \$191.49   |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 552.00 x  | 0.33 x                         | 1.0512 = |  | \$191.49   |  |            |
| 24         | 03311 | 1165 | CY           | Pour Slab On Grade, < 6", Concrete Pump, 3000 PSI Concrete                |                                |          |  |            |  | \$5,018.43 |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 40.00 x   | 119.35 x                       | 1.0512 = |  | \$5,018.43 |  |            |
| 25         | 03311 | 1165 | 3030         | CY  | For Quantities > 20 To 50, Add |          |  |            |  | \$134.55   |
|            |       |      |              | Quantity  | Unit Price                     | Factor   |  | Total      |  |            |
|            |       |      | Installation | 40.00 x   | 3.20 x                         | 1.0512 = |  | \$134.55   |  |            |

Proposal Review - CSI Detail (Continued)

Job Order Number: 08539  
 Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC  
 Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|                 |       |      |      |   |                                   |          |  |             |             |
|-----------------|-------|------|------|---|-----------------------------------|----------|--|-------------|-------------|
| 26              | 03311 | 1198 | CF   | Hand Mix And Place Concrete Note: For use where conventional equipment access is limited or when directed by the owner. |                                   |          |  |             | \$5,907.74  |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 500.00 x 11.24 x                  | 1.0512 = |  | \$5,907.74  |             |
|                 |       |      |      | patch holes on 1st 7 3rd floors as necessary from HVAC contractor lines   |                                   |          |  |             |             |
| 27              | 03350 | 1005 | SF   | Concrete Floor Finishes, Steel Trowel   |                                   |          |  |             | \$255.32    |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 552.00 x 0.44 x                   | 1.0512 = |  | \$255.32    |             |
| Subtotal for 03 |       |      |      |   |                                   |          |  |             | \$15,179.85 |
| Section 05      |       |      |      |   |                                   |          |  |             |             |
| 28              | 05501 | 1013 | EA   | 7/8" Diameter x 24" Long, J-Type Anchor Bolt  |                                   |          |  |             | \$815.39    |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 48.00 x 16.16 x                   | 1.0512 = |  | \$815.39    |             |
| 29              | 05501 | 1013 | 9904 | EA  | For Stainless Steel Bolts, Add    |          |  |             | \$0.00      |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 0.00 x 45.22 x                    | 1.0512 = |  | \$0.00      |             |
| 30              | 05501 | 1013 | 9910 | EA  | For Quantities > 10 To 50, Deduct |          |  |             | \$-8.07     |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 48.00 x -0.16 x                   | 1.0512 = |  | \$-8.07     |             |
| 31              | 05505 | 2003 | LF   | 3/8" Diameter Threaded Rod  |                                   |          |  |             | \$126.99    |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 40.00 x 3.02 x                    | 1.0512 = |  | \$126.98    |             |
| Subtotal for 05 |       |      |      |   |                                   |          |  |             | \$934.31    |
| Section 07      |       |      |      |   |                                   |          |  |             |             |
| 32              | 07131 | 6001 | CSF  | 10 Mil PVC Vapor Barrier  |                                   |          |  |             | \$1,273.11  |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 55.00 x 22.02 x                   | 1.0512 = |  | \$1,273.11  |             |
| 33              | 07840 | 1006 | EA   | Firestopping 2" Diameter Hole With 3/4" Pipe  |                                   |          |  |             | \$47.41     |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 10.00 x 4.51 x                    | 1.0512 = |  | \$47.41     |             |
| 34              | 07840 | 3013 | CLF  | Fire Caulk And Seal, 1/2"x1" Joint  |                                   |          |  |             | \$3,791.47  |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 10.00 x 360.68 x                  | 1.0512 = |  | \$3,791.47  |             |
| Subtotal for 07 |       |      |      |   |                                   |          |  |             | \$5,111.99  |
| Section 08      |       |      |      |   |                                   |          |  |             |             |
| 35              | 08305 | 2105 | EA   | 24"x24" Access Doors With Lock, Fire Rated  |                                   |          |  |             | \$445.08    |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 2.00 x 211.70 x                   | 1.0512 = |  | \$445.08    |             |
| Subtotal for 08 |       |      |      |   |                                   |          |  |             | \$445.08    |
| Section 13      |       |      |      |   |                                   |          |  |             |             |
| 36              | 13847 | 1101 | PNT  | Wiring Per Point For Field Modules  |                                   |          |  |             | \$38,370.48 |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 268.00 x 136.20 x                 | 1.0512 = |  | \$38,370.48 |             |
|                 |       |      |      | seimens controls & retrofits  |                                   |          |  |             |             |
| 37              | 13847 | 1201 | HR   | Site Inspection   |                                   |          |  |             | \$1,009.15  |
|                 |       |      |      | Quantity  | Unit Price                        | Factor   |  | Total       |             |
|                 |       |      |      | Installation  | 16.00 x 60.00 x                   | 1.0512 = |  | \$1,009.15  |             |
|                 |       |      |      | seimens controls & retrofits  |                                   |          |  |             |             |



**Proposal Review - CSI Detail (Continued)**

**Job Order Number:** 08539  
**Job Order Name:** CJC Main Jail - First Floor Line-up Area HVAC  
**Review:** CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|    |       |      |    |   |          |             |          |  |             |  |             |
|----|-------|------|----|---|----------|-------------|----------|--|-------------|--|-------------|
| 38 | 13847 | 1202 | HR | System Training   |          |             |          |  |             |  | \$546.62    |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 8.00 x   | 65.00 x     | 1.0512 = |  | \$546.62    |  |             |
| 39 | 13847 | 1204 | HR | System Diagnostics, Technician  |          |             |          |  |             |  | \$546.62    |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 8.00 x   | 65.00 x     | 1.0512 = |  | \$546.62    |  |             |
| 40 | 13847 | 1451 | EA | Field Test Note: Price per point  |          |             |          |  |             |  | \$960.00    |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 17.00 x  | 53.72 x     | 1.0512 = |  | \$960.00    |  |             |
| 41 | 13847 | 1511 | EA | Checkout/Startup Of Controls Note: Price per point  |          |             |          |  |             |  | \$210.25    |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 3.00 x   | 66.67 x     | 1.0512 = |  | \$210.25    |  |             |
| 42 | 13847 | 3101 | EA | Central Control Units, Large  |          |             |          |  |             |  | \$17,549.63 |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 1.00 x   | 16,694.85 x | 1.0512 = |  | \$17,549.63 |  |             |
| 43 | 13847 | 4101 | EA | Software, Large System Basic Operating System   |          |             |          |  |             |  | \$7,858.54  |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 1.00 x   | 7,475.78 x  | 1.0512 = |  | \$7,858.54  |  |             |
| 44 | 13847 | 5001 | EA | Basic Application Program Package Applications Programs Basic Package<br>Includes: Program Inputs, Command Priorities, Analog Commands, Alarms,<br>Calculated Point, Analog Monitoring, Analog Totalization, Energy Totalization<br>Reports, Data Environment, Restart, Predictor Corrector Software, Time Programs,<br>Event Programs, Extended Service, Scheduled Start-Stop, Day-Night Setback<br>Program, Ventilation And Recirculation, Hot Water Outside Air Reset Program,<br>Chiller Water Temperature Reset, Condenser Water Temperature Reset |          |             |          |  |             |  | \$3,391.70  |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 1.00 x   | 3,226.50 x  | 1.0512 = |  | \$3,391.70  |  |             |
| 45 | 13847 | 5005 | EA | Economizer Applications Programs  |          |             |          |  |             |  | \$2,309.16  |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 1.00 x   | 2,196.69 x  | 1.0512 = |  | \$2,309.16  |  |             |
| 46 | 13847 | 5009 | EA | Chiller Optimization Applications Programs  |          |             |          |  |             |  | \$2,826.41  |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 1.00 x   | 2,688.75 x  | 1.0512 = |  | \$2,826.41  |  |             |
| 47 | 13847 | 7102 | EA | OA Temperature Sensor Field Equipment, Sensors  |          |             |          |  |             |  | \$273.92    |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 2.00 x   | 130.29 x    | 1.0512 = |  | \$273.92    |  |             |
| 48 | 13847 | 7904 | EA | Modulating Electric Field Equipment, Damper Actuators   |          |             |          |  |             |  | \$7,345.09  |
|    |       |      |    | Installation  | Quantity | Unit Price  | Factor   |  | Total       |  |             |
|    |       |      |    | seimens controls & retrofits  | 17.00 x  | 411.02 x    | 1.0512 = |  | \$7,345.09  |  |             |

**Proposal Review - CSI Detail (Continued)**

**Job Order Number:** 08539  
**Job Order Name:** CJC Main Jail - First Floor Line-up Area HVAC  
**Review:** CJC Main Jail HVAC - 6/20/2008, 4:20:04PM

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| 49 | 13847 | 9703 | EA | TEC, Variable Air Volume Electric Output  |          |            |   |        |   | \$18,910.81 |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 17.00    | 1,058.22   | x | 1.0512 | = | \$18,910.81 |
| 50 | 13847 | 9802 | EA | DDC Enclosure, 40 Points                  |          |            |   |        |   | \$4,668.04  |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 1.00     | 4,440.68   | x | 1.0512 | = | \$4,668.04  |
| 51 | 13847 | 9803 | EA | DDC Control Module                        |          |            |   |        |   | \$6,136.90  |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 1.00     | 5,837.99   | x | 1.0512 | = | \$6,136.90  |
| 52 | 13847 | 9804 | EA | DDC Power Module                          |          |            |   |        |   | \$2,156.45  |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 1.00     | 2,051.42   | x | 1.0512 | = | \$2,156.45  |
| 53 | 13847 | 9806 | EA | DDC Remote Controller Module              |          |            |   |        |   | \$6,766.99  |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 2.00     | 3,218.70   | x | 1.0512 | = | \$6,766.99  |
| 54 | 13847 | 9809 | EA | DDC Point Module 2 Analog Output Electric |          |            |   |        |   | \$25,854.98 |
|    |       |      |    | Installation                              | Quantity | Unit Price |   | Factor | = | Total       |
|    |       |      |    | seimens controls & retrofits              | 24.00    | 1,024.82   | x | 1.0512 | = | \$25,854.98 |
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# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

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|    |       |      |      |    |   |          |            |        |   |            |  |            |
|----|-------|------|------|----|---|----------|------------|--------|---|------------|--|------------|
| 78 | 15063 | 2239 | 2001 | EA | For Silver Solder Instead Of 95/5 Solder, Add   |          |            |        |   |            |  | \$53.86    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 6.00     | 8.54       | 1.0512 | = | \$53.86    |  |            |
| 79 | 15063 | 2239 | 2006 | EA | For Work In Restricted Working Space, Add   |          |            |        |   |            |  | \$68.69    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 6.00     | 10.89      | 1.0512 | = | \$68.69    |  |            |
| 80 | 15063 | 2258 |      | EA | 2-1/2" Copper Union, Straight, Copper To Copper   |          |            |        |   |            |  | \$912.08   |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 6.00     | 144.61     | 1.0512 | = | \$912.08   |  |            |
| 81 | 15063 | 2258 | 2001 | EA | For Silver Solder Instead Of 95/5 Solder, Add   |          |            |        |   |            |  | \$64.90    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 6.00     | 10.29      | 1.0512 | = | \$64.90    |  |            |
| 82 | 15063 | 2258 | 2006 | EA | For Work In Restricted Working Space, Add   |          |            |        |   |            |  | \$57.84    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 6.00     | 9.17       | 1.0512 | = | \$57.84    |  |            |
| 83 | 15063 | 2268 |      | EA | 2-1/2" Cap, Copper, Sweat   |          |            |        |   |            |  | \$658.79   |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 15.00    | 41.78      | 1.0512 | = | \$658.79   |  |            |
| 84 | 15063 | 2268 | 2001 | EA | For Silver Solder Instead Of 95/5 Solder, Add   |          |            |        |   |            |  | \$55.35    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 15.00    | 3.51       | 1.0512 | = | \$55.35    |  |            |
| 85 | 15063 | 2268 | 2006 | EA | For Work In Restricted Working Space, Add   |          |            |        |   |            |  | \$67.33    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 15.00    | 4.27       | 1.0512 | = | \$67.33    |  |            |
| 86 | 15063 | 2507 |      | EA | Cut And Prepare 2-1/2" (60 mm) Pipe   |          |            |        |   |            |  | \$77.96    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 12.00    | 6.18       | 1.0512 | = | \$77.96    |  |            |
| 87 | 15063 | 4303 |      | LF | 5/8" Outside Diameter ACR Copper Tubing, Annealed   |          |            |        |   |            |  | \$674.87   |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 200.00   | 3.21       | 1.0512 | = | \$674.87   |  |            |
| 88 | 15063 | 5004 |      | LF | 1" Inside Diameter (25 mm) Copper Pipe/Tubing Type L, Prices Include All Hangers And Couplings, Elbow, Tee, Reducer Fittings. All Hangers Are Complete Assemblies |          |            |        |   |            |  | \$1,513.73 |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 120.00   | 12.00      | 1.0512 | = | \$1,513.73 |  |            |
| 89 | 15075 | 1105 |      | LF | 1" Inside Diameter Rubber Hose And Clamp  |          |            |        |   |            |  | \$143.75   |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 25.00    | 5.47       | 1.0512 | = | \$143.75   |  |            |
| 90 | 15084 | 1107 |      | EA | 2-1/2" Basket Strainer, Bronze, Screwed Ends  |          |            |        |   |            |  | \$1,738.83 |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 2.00     | 827.07     | 1.0512 | = | \$1,738.83 |  |            |
| 91 | 15084 | 1107 | 2111 | EA | For Work In Restricted Working Space, Add   |          |            |        |   |            |  | \$29.48    |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 2.00     | 14.02      | 1.0512 | = | \$29.48    |  |            |
| 92 | 15094 | 5401 |      | EA | 2-1/2" Adjustable Pipe Saddle Support, Type 38  |          |            |        |   |            |  | \$5,372.95 |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 75.00    | 68.15      | 1.0512 | = | \$5,372.95 |  |            |
| 93 | 15103 | 1002 |      | EA | 2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On-Off Handle, 150 PSI Wafer Type  |          |            |        |   |            |  | \$1,361.18 |
|    |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total      |  |            |
|    |       |      |      |    |   | 8.00     | 161.86     | 1.0512 | = | \$1,361.18 |  |            |

# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |      |    |   |          |            |        |   |             |             |
|-----|-------|------|------|----|---|----------|------------|--------|---|-------------|-------------|
| 94  | 15103 | 1002 | 4001 | EA | For Work In Restricted Working Space, Add   |          |            |        |   |             | \$163.15    |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 8.00     | 19.40      | 1.0512 | = | \$163.15    |             |
| 95  | 15112 | 7101 |      | EA | 3/4" To 1" Backflow Device 6" Wide x 26" Long x 22" High Cover  |          |            |        |   |             | \$445.85    |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 424.13     | 1.0512 | = | \$445.85    |             |
|     |       |      |      |    | rpz backflow preventor on existing water line in courtyard  |          |            |        |   |             |             |
| 96  | 15115 | 1002 |      | EA | 3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#   |          |            |        |   |             | \$24.83     |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 23.62      | 1.0512 | = | \$24.83     |             |
| 97  | 15161 | 4102 |      | EA | 600-1000# Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size   |          |            |        |   |             | \$15,236.62 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 75.00    | 193.26     | 1.0512 | = | \$15,236.62 |             |
| 98  | 15177 | 2101 |      | EA | 7.8 Gallon Volume Expansion Tank, Diaphragm Type (Bladder), ASME, Vertical, 2.5 Gallon Acceptance                               |          |            |        |   |             | \$1,136.06  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 1,080.73   | 1.0512 | = | \$1,136.06  |             |
| 99  | 15182 | 1407 |      | LF | 2-1/2" Diameter Pipe, 2" Thick Fiberglass Insulation  |          |            |        |   |             | \$2,966.91  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 280.00   | 10.08      | 1.0512 | = | \$2,966.91  |             |
| 100 | 15182 | 1407 | 1905 | LF | For Water Resistant Cellular Glass Insulation, Add  |          |            |        |   |             | \$1,524.66  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 280.00   | 5.18       | 1.0512 | = | \$1,524.66  |             |
| 101 | 15182 | 1407 | 1999 | LF | For Work In Restricted Working Space, Add   |          |            |        |   |             | \$382.64    |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 280.00   | 1.30       | 1.0512 | = | \$382.64    |             |
| 102 | 15262 | 1401 |      | EA | 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300# ASME Code   |          |            |        |   |             | \$1,193.86  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 1,135.71   | 1.0512 | = | \$1,193.86  |             |
| 103 | 15661 | 8103 |      | EA | 2-1/2 Ton Cooling A/C Evaporator Coil, Upflow   |          |            |        |   |             | \$1,113.25  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 3.00     | 353.01     | 1.0512 | = | \$1,113.25  |             |
| 104 | 15671 | 2005 |      | EA | 30 Ton Packaged Chiller With Remote Air Cooled Condensers   |          |            |        |   |             | \$39,807.76 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 37,868.87  | 1.0512 | = | \$39,807.76 |             |
| 105 | 15671 | 2005 | 2032 | EA | For Semi-Hermatic Compressor, Add   |          |            |        |   |             | \$6,752.30  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 1.00     | 6,423.42   | 1.0512 | = | \$6,752.30  |             |
| 106 | 15680 | 9001 |      | SF | Cooling Tower Accessory, Galvanized Steel Platform Note: Includes toeboard. Toeboards are 10 gauge heavy mill galvanized steel. |          |            |        |   |             | \$3,188.29  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    | stands  | 50.00    | 60.66      | 1.0512 | = | \$3,188.29  |             |
| 107 | 15776 | 1304 |      | EA | 8500 CFM Evaporative Cooler, 1 HP   |          |            |        |   |             | \$5,117.95  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    |   | 3.00     | 1,622.89   | 1.0512 | = | \$5,117.95  |             |
| 108 | 15834 | 1123 |      | EA | 7000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan                      |          |            |        |   |             | \$18,953.20 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total       |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  | 3.00     | 6,010.02   | 1.0512 | = | \$18,953.20 |             |

**Proposal Review - CSI Detail (Continued)**

**Job Order Number:** 08539  
**Job Order Name:** CJC Main Jail - First Floor Line-up Area HVAC  
**Review:** CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |      |    |   |             |          |  |  |             |  |             |
|-----|-------|------|------|----|---|-------------|----------|--|--|-------------|--|-------------|
| 109 | 15834 | 1123 | 1431 | EA | For Chilled Water Cooling Coil, Aluminum Fins, Add  |             |          |  |  |             |  | \$6,890.93  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 3.00 x   | 2,185.10 x  | 1.0512 = |  |  | \$6,890.93  |  |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  |             |          |  |  |             |  |             |
| 110 | 15834 | 1123 | 1434 | EA | For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add                        |             |          |  |  |             |  | \$4,515.96  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 3.00 x   | 1,432.00 x  | 1.0512 = |  |  | \$4,515.96  |  |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  |             |          |  |  |             |  |             |
| 111 | 15834 | 1123 | 1461 | EA | For Variable Air Volume, Add  |             |          |  |  |             |  | \$1,998.25  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 3.00 x   | 633.64 x    | 1.0512 = |  |  | \$1,998.25  |  |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  |             |          |  |  |             |  |             |
| 112 | 15834 | 1123 | 1473 | EA | For Economizer, Including Panel, Controls And Damper(s), Add                                    |             |          |  |  |             |  | \$4,836.39  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 3.00 x   | 1,533.61 x  | 1.0512 = |  |  | \$4,836.39  |  |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  |             |          |  |  |             |  |             |
| 113 | 15834 | 1123 | 1921 | EA | For Coil Coating For Each Coil, Add   |             |          |  |  |             |  | \$1,070.49  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 3.00 x   | 339.45 x    | 1.0512 = |  |  | \$1,070.49  |  |             |
|     |       |      |      |    | used for Mitsubishi split units per M1  |             |          |  |  |             |  |             |
| 114 | 15834 | 1218 |      | EA | 8500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan         |             |          |  |  |             |  | \$13,248.74 |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 1.00 x   | 11,062.29 x | 1.0512 = |  |  | \$11,628.68 |  |             |
|     |       |      |      |    | Demolition 1.00 x   | 1,541.15 x  | 1.0512 = |  |  | \$1,620.06  |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 115 | 15834 | 1218 | 1483 | EA | For Economizer, Including Panel, Controls And Damper(s), Add                                    |             |          |  |  |             |  | \$1,914.50  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 1.00 x   | 1,821.25 x  | 1.0512 = |  |  | \$1,914.50  |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 116 | 15834 | 1218 | 1521 | EA | For Flat Filter Box And Throwaway Filters, Add  |             |          |  |  |             |  | \$6,282.41  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 6.00 x   | 996.07 x    | 1.0512 = |  |  | \$6,282.41  |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 117 | 15834 | 1218 | 1531 | EA | For Chilled Water Cooling Coil, Aluminum Fins, Add  |             |          |  |  |             |  | \$4,422.34  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 1.00 x   | 4,206.94 x  | 1.0512 = |  |  | \$4,422.34  |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 118 | 15834 | 1218 | 1532 | EA | For Direct Expansion Cooling Coil, Aluminum Fins, Add   |             |          |  |  |             |  | \$4,422.34  |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 1.00 x   | 4,206.94 x  | 1.0512 = |  |  | \$4,422.34  |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 119 | 15834 | 1218 | 1921 | EA | For Coil Coating For Each Coil, Add   |             |          |  |  |             |  | \$698.46    |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 1.00 x   | 664.44 x    | 1.0512 = |  |  | \$698.46    |  |             |
|     |       |      |      |    | used for York XTI-45X78 per M1  |             |          |  |  |             |  |             |
| 120 | 15840 | 1502 |      | LB | Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install |             |          |  |  |             |  | \$730.06    |
|     |       |      |      |    | Quantity  | Unit Price  | Factor   |  |  | Total       |  |             |
|     |       |      |      |    | Installation 150.00 x   | 4.63 x      | 1.0512 = |  |  | \$730.06    |  |             |

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Section 16

|     |       |      |              |   |   |            |   |        |            |
|-----|-------|------|--------------|---|---|------------|---|--------|------------|
| 130 | 16102 | 3001 | LF           | 1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit          |   |            |   |        | \$186.54   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 455.00  | x | 0.39       | x | 1.0512 | \$186.54   |
| 131 | 16120 | 1359 | MLF          | #1/0 AWG Cable - Type THHN-THWN, Underground Feeder And Branch Circuit          |   |            |   |        | \$189.43   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 0.06  | x | 3,003.45   | x | 1.0512 | \$189.43   |
| 132 | 16120 | 1562 | MLF          | #12 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit |   |            |   |        | \$1,445.59 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 3.84  | x | 358.12     | x | 1.0512 | \$1,445.59 |
| 133 | 16120 | 1563 | MLF          | #10 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit |   |            |   |        | \$313.37   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 0.64  | x | 465.79     | x | 1.0512 | \$313.37   |
| 134 | 16120 | 1564 | MLF          | #8 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit  |   |            |   |        | \$710.26   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 0.97  | x | 696.56     | x | 1.0512 | \$710.26   |

# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |              |  |                                   |            |   |        |   |          |
|-----|-------|------|--------------|--|-----------------------------------|------------|---|--------|---|----------|
| 135 | 16120 | 1565 | MLF          | #6 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit |                                   |            |   |        |   | \$872.77 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 0.82   | x                                 | 1,012.51   | x | 1.0512 | = | \$872.77 |
| 136 | 16120 | 1566 | MLF          | #4 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit |                                   |            |   |        |   | \$210.28 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 0.14   | x                                 | 1,418.71   | x | 1.0512 | = | \$210.28 |
| 137 | 16120 | 1568 | MLF          | #2 AWG Cable - Type THHN-THWN 600 V Copper, Single Stranded, Placed In Conduit |                                   |            |   |        |   | \$310.33 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 0.14   | x                                 | 2,108.65   | x | 1.0512 | = | \$310.33 |
| 138 | 16131 | 2111 | LF           | RGS 1/2" Conduit With Coupling, Mounted Exposed On Flat Wall                   |                                   |            |   |        |   | \$254.50 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 90.00  | x                                 | 2.69       | x | 1.0512 | = | \$254.50 |
| 139 | 16131 | 2111 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$28.38  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 90.00  | x                                 | 0.30       | x | 1.0512 | = | \$28.38  |
| 140 | 16131 | 2112 | LF           | RGS 3/4" Conduit With Coupling, Mounted Exposed On Flat Wall                   |                                   |            |   |        |   | \$735.00 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 230.00   | x                                 | 3.04       | x | 1.0512 | = | \$735.00 |
| 141 | 16131 | 2112 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$77.37  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 230.00   | x                                 | 0.32       | x | 1.0512 | = | \$77.37  |
| 142 | 16131 | 2113 | LF           | RGS 1" Conduit With Coupling, Mounted Exposed On Flat Wall                     |                                   |            |   |        |   | \$367.08 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 90.00  | x                                 | 3.88       | x | 1.0512 | = | \$367.08 |
| 143 | 16131 | 2113 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$35.95  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 90.00  | x                                 | 0.38       | x | 1.0512 | = | \$35.95  |
| 144 | 16131 | 2114 | LF           | RGS 1-1/4" Conduit With Coupling, Mounted Exposed On Flat Wall                 |                                   |            |   |        |   | \$49.41  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 10.00  | x                                 | 4.70       | x | 1.0512 | = | \$49.41  |
| 145 | 16131 | 2114 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$4.52   |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 10.00  | x                                 | 0.43       | x | 1.0512 | = | \$4.52   |
| 146 | 16131 | 2115 | LF           | RGS 1-1/2" Conduit With Coupling, Mounted Exposed On Flat Wall                 |                                   |            |   |        |   | \$57.50  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 10.00  | x                                 | 5.47       | x | 1.0512 | = | \$57.50  |
| 147 | 16131 | 2115 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$5.15   |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 10.00  | x                                 | 0.49       | x | 1.0512 | = | \$5.15   |
| 148 | 16131 | 2116 | LF           | RGS 2" Conduit With Coupling, Mounted Exposed On Flat Wall                     |                                   |            |   |        |   | \$219.18 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 30.00  | x                                 | 6.95       | x | 1.0512 | = | \$219.18 |
| 149 | 16131 | 2116 | 2149         | LF   | For Installation In Concrete, Add |            |   |        |   | \$18.61  |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 30.00  | x                                 | 0.59       | x | 1.0512 | = | \$18.61  |
| 150 | 16131 | 2611 | LF           | 1/2" EMT Conduit, Mounted Exposed On Flat Wall                                 |                                   |            |   |        |   | \$175.97 |
|     |       |      |              | Quantity   |                                   | Unit Price |   | Factor |   | Total    |
|     |       |      | Installation | 90.00  | x                                 | 1.86       | x | 1.0512 | = | \$175.97 |



# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |      |    |   |          |            |        |   |          |  |          |
|-----|-------|------|------|----|---|----------|------------|--------|---|----------|--|----------|
| 151 | 16131 | 2611 | 2649 | LF | For Installation In Concrete, Add   |          |            |        |   |          |  | \$15.14  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 60.00    | 0.24       | 1.0512 | = | \$15.14  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 152 | 16131 | 2611 | 2821 | LF | For Work In Restricted Working Space, Add                                   |          |            |        |   |          |  | \$30.91  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 60.00    | 0.49       | 1.0512 | = | \$30.91  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 153 | 16131 | 3112 |      | LF | 3/4" IMC Conduit, Mounted Exposed On Flat Wall                              |          |            |        |   |          |  | \$799.75 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 240.00   | 3.17       | 1.0512 | = | \$799.75 |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 154 | 16131 | 3112 | 3923 | LF | For Installation In Concrete, Add   |          |            |        |   |          |  | \$75.69  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 240.00   | 0.30       | 1.0512 | = | \$75.69  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 155 | 16131 | 3112 | 3931 | LF | For Work In Restricted Working Space, Add                                   |          |            |        |   |          |  | \$148.85 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 240.00   | 0.59       | 1.0512 | = | \$148.85 |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 156 | 16131 | 4112 |      | LF | 3/4" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling   |          |            |        |   |          |  | \$34.48  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 20.00    | 1.64       | 1.0512 | = | \$34.48  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 157 | 16131 | 4112 | 4189 | LF | For Schedule 80, Add  |          |            |        |   |          |  | \$5.47   |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 20.00    | 0.26       | 1.0512 | = | \$5.47   |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 158 | 16131 | 4115 |      | LF | 1-1/2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling |          |            |        |   |          |  | \$41.94  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 15.00    | 2.66       | 1.0512 | = | \$41.94  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 159 | 16131 | 4115 | 4189 | LF | For Schedule 80, Add  |          |            |        |   |          |  | \$7.88   |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 15.00    | 0.50       | 1.0512 | = | \$7.88   |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 160 | 16131 | 4116 |      | LF | 2" PVC Schedule 40 Conduit With Coupling, Direct Burial, Glued Coupling     |          |            |        |   |          |  | \$253.08 |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 75.00    | 3.21       | 1.0512 | = | \$253.08 |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 161 | 16131 | 4116 | 4189 | LF | For Schedule 80, Add  |          |            |        |   |          |  | \$49.67  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 75.00    | 0.63       | 1.0512 | = | \$49.67  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 162 | 16131 | 8112 |      | LF | 1/2" Liquid Tight Flex Conduit  |          |            |        |   |          |  | \$28.76  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 18.00    | 1.52       | 1.0512 | = | \$28.76  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 163 | 16131 | 8112 | 8126 | LF | For Installation In Concrete, Add   |          |            |        |   |          |  | \$3.03   |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 18.00    | 0.16       | 1.0512 | = | \$3.03   |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 164 | 16131 | 8112 | 9199 | LF | For Work In Restricted Working Space, Add                                   |          |            |        |   |          |  | \$6.05   |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 18.00    | 0.32       | 1.0512 | = | \$6.05   |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 165 | 16131 | 8113 |      | LF | 3/4" Liquid Tight Flex Conduit  |          |            |        |   |          |  | \$38.41  |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 18.00    | 2.03       | 1.0512 | = | \$38.41  |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |
| 166 | 16131 | 8113 | 8126 | LF | For Installation In Concrete, Add   |          |            |        |   |          |  | \$4.16   |
|     |       |      |      |    | Installation  | Quantity | Unit Price | Factor |   | Total    |  |          |
|     |       |      |      |    |   | 18.00    | 0.22       | 1.0512 | = | \$4.16   |  |          |
|     |       |      |      |    |   | x        | x          |        |   |          |  |          |

# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |      |    |  |       |            |   |        |       |          |
|-----|-------|------|------|----|--|-------|------------|---|--------|-------|----------|
| 167 | 16131 | 8113 | 9199 | LF | For Work In Restricted Working Space, Add  |       |            |   |        |       | \$8.14   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 18.00 | x 0.43     | x | 1.0512 | =     | \$8.14   |
| 168 | 16131 | 8114 |      | LF | 1" Liquid Tight Flex Conduit   |       |            |   |        |       | \$29.52  |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 2.34     | x | 1.0512 | =     | \$29.52  |
| 169 | 16131 | 8114 | 8126 | LF | For Installation In Concrete, Add  |       |            |   |        |       | \$2.78   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 0.22     | x | 1.0512 | =     | \$2.78   |
| 170 | 16131 | 8114 | 9199 | LF | For Work In Restricted Working Space, Add  |       |            |   |        |       | \$5.42   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 0.43     | x | 1.0512 | =     | \$5.42   |
| 171 | 16131 | 8115 |      | LF | 1-1/4" Liquid Tight Flex Conduit   |       |            |   |        |       | \$38.10  |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 3.02     | x | 1.0512 | =     | \$38.10  |
| 172 | 16131 | 8115 | 8126 | LF | For Installation In Concrete, Add  |       |            |   |        |       | \$3.41   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 0.27     | x | 1.0512 | =     | \$3.41   |
| 173 | 16131 | 8115 | 9199 | LF | For Work In Restricted Working Space, Add  |       |            |   |        |       | \$6.81   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 12.00 | x 0.54     | x | 1.0512 | =     | \$6.81   |
| 174 | 16131 | 8213 |      | LF | 3/4" Flexible Metallic Conduit   |       |            |   |        |       | \$29.90  |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 18.00 | x 1.58     | x | 1.0512 | =     | \$29.90  |
| 175 | 16131 | 8213 | 8226 | LF | For Flexible Aluminum Conduit, Add   |       |            |   |        |       | \$0.95   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 18.00 | x 0.05     | x | 1.0512 | =     | \$0.95   |
| 176 | 16131 | 8213 | 8227 | LF | For Installation In Concrete, Add  |       |            |   |        |       | \$3.60   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 18.00 | x 0.19     | x | 1.0512 | =     | \$3.60   |
| 177 | 16131 | 8213 | 9199 | LF | For Work In Restricted Working Space, Add  |       |            |   |        |       | \$7.19   |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 18.00 | x 0.38     | x | 1.0512 | =     | \$7.19   |
| 178 | 16134 | 1101 |      | EA | 4" Square Steel Box X 1-1/2" Deep  |       |            |   |        |       | \$20.54  |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 2.00  | x 9.77     | x | 1.0512 | =     | \$20.54  |
| 179 | 16134 | 1104 |      | EA | 4" Square Steel Blank Cover  |       |            |   |        |       | \$14.63  |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 4.00  | x 3.48     | x | 1.0512 | =     | \$14.63  |
| 180 | 16135 | 1234 |      | EA | 18"x18"x4" NEMA 1 Enclosure, Screw Cover Included  |       |            |   |        |       | \$147.29 |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 1.00  | x 140.12   | x | 1.0512 | =     | \$147.29 |
| 181 | 16135 | 9102 |      | EA | NEMA 3R, 100 A Breaker Enclosure   |       |            |   |        |       | \$536.10 |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 1.00  | x 509.99   | x | 1.0512 | =     | \$536.10 |
| 182 | 16155 | 2162 |      | EA | H-O-A Select Switch, Factory Modification - NEMA 3R Or 12 Magnetic Motor Starter, Non-Reversing, 208-600 V |       |            |   |        |       | \$146.02 |
|     |       |      |      |    | Quantity   |       | Unit Price |   | Factor | Total |          |
|     |       |      |      |    | Installation   | 1.00  | x 138.91   | x | 1.0512 | =     | \$146.02 |

# Proposal Review - CSI Detail (Continued)

Job Order Number: 08539

Job Order Name: CJC Main Jail - First Floor Line-up Area HVAC

Review: CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|     |       |      |              |   |   |            |   |        |            |
|-----|-------|------|--------------|---|---|------------|---|--------|------------|
| 183 | 16155 | 2253 | EA           | Magnetic Starter, Size 1, NEMA 12, Three Phase, Reversing 230 V @ 7.5 HP, 480 V @ 10 HP               |   |            |   |        | \$916.46   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 871.82     | x | 1.0512 | \$916.46   |
| 184 | 16170 | 6121 | EA           | 30 A Double Throw Safety Switch, 240 V, 3 Pole, NEMA 1  |   |            |   |        | \$1,402.75 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 3.00  | x   | 444.81     | x | 1.0512 | \$1,402.75 |
| 185 | 16170 | 6231 | EA           | 30 A Double Throw Safety Switch, 240 V, 4 Pole, NEMA 3R   |   |            |   |        | \$4,003.27 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 3.00  | x   | 1,269.43   | x | 1.0512 | \$4,003.27 |
| 186 | 16170 | 6252 | EA           | 100 A Double Throw Safety Switch, 600 V, 3 Pole, NEMA 3R  |   |            |   |        | \$1,504.08 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 1,430.82   | x | 1.0512 | \$1,504.08 |
| 187 | 16181 | 1221 | EA           | 30 Amp, 250 Volt, Current Limiting Fuse RK1, Ferrule Type   |   |            |   |        | \$157.18   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 12.00   | x   | 12.46      | x | 1.0512 | \$157.18   |
| 188 | 16190 | 1111 | EA           | One Hole Steel Conduit Strap, 1/2"  |   |            |   |        | \$4.54     |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 8.00  | x   | 0.54       | x | 1.0512 | \$4.54     |
| 189 | 16190 | 1111 | 1501         | EA  | For Work In Restricted Working Space, Add                     |            |   |        | \$1.01     |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 8.00  | x   | 0.12       | x | 1.0512 | \$1.01     |
| 190 | 16190 | 1111 | 1502         | EA  | For Installation In Concrete, Includes Drilling And Bolt, Add |            |   |        | \$7.99     |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 8.00  | x   | 0.95       | x | 1.0512 | \$7.99     |
| 191 | 16190 | 2112 | EA           | Rigid Steel Conduit Clamps, P1112, 3/4"   |   |            |   |        | \$16.82    |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 8.00  | x   | 2.00       | x | 1.0512 | \$16.82    |
| 192 | 16190 | 2112 | EA           | Rigid Steel Conduit Clamps, P1112, 3/4"   |   |            |   |        | \$29.43    |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 14.00   | x   | 2.00       | x | 1.0512 | \$29.43    |
| 193 | 16266 | 2002 | EA           | 7.5 HP Variable Frequency Drive, 480 V  |   |            |   |        | \$3,800.63 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 3,615.52   | x | 1.0512 | \$3,800.63 |
| 194 | 16330 | 2401 | EA           | 30 KVA, 480 x 208 Y / 120 V, Transformer, 3 Phase, 60 Hz, General Purpose, Dry                        |   |            |   |        | \$2,145.95 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 2,041.43   | x | 1.0512 | \$2,145.95 |
| 195 | 16471 | 3213 | EA           | 100 A - 30 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled    |   |            |   |        | \$638.90   |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 607.78     | x | 1.0512 | \$638.90   |
| 196 | 16471 | 3235 | EA           | 225 A - 42 Circuit Capacity, 120/208 V, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled |   |            |   |        | \$1,560.41 |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 1.00  | x   | 1,484.41   | x | 1.0512 | \$1,560.41 |
| 197 | 16471 | 4211 | EA           | 1 Pole, 277/480 Volt, 15-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity               |   |            |   |        | \$98.69    |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 2.00  | x   | 46.94      | x | 1.0512 | \$98.69    |
| 198 | 16471 | 4211 | 4291         | EA  | For Bolt-On, Add  |            |   |        | \$18.10    |
|     |       |      |              | Quantity  |   | Unit Price |   | Factor | Total      |
|     |       |      | Installation | 2.00  | x   | 8.61       | x | 1.0512 | \$18.10    |

**Proposal Review - CSI Detail (Continued)**

**Job Order Number:** 08539  
**Job Order Name:** CJC Main Jail - First Floor Line-up Area HVAC  
**Review:** CJC Main Jail HVAC - 6/20/2008 4:20:04PM

|                 |       |      |              |  |                  |          |  |  |             |            |
|-----------------|-------|------|--------------|--|------------------|----------|--|--|-------------|------------|
| 199             | 16471 | 4231 | EA           | 3 Pole, 277/480 Volt, 15-60 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity  |                  |          |  |  |             | \$1,095.37 |
|                 |       |      |              | Quantity   | Unit Price       | Factor   |  |  | Total       |            |
|                 |       |      | Installation | 6.00 x   | 173.67 x         | 1.0512 = |  |  | \$1,095.37  |            |
| 200             | 16471 | 4231 | 4291         | EA   | For Bolt-On, Add |          |  |  |             | \$171.56   |
|                 |       |      |              | Quantity   | Unit Price       | Factor   |  |  | Total       |            |
|                 |       |      | Installation | 6.00 x   | 27.20 x          | 1.0512 = |  |  | \$171.56    |            |
| 201             | 16471 | 4232 | EA           | 3 Pole, 277/480 Volt, 70-100 A, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity |                  |          |  |  |             | \$285.83   |
|                 |       |      |              | Quantity   | Unit Price       | Factor   |  |  | Total       |            |
|                 |       |      | Installation | 1.00 x   | 271.91 x         | 1.0512 = |  |  | \$285.83    |            |
| 202             | 16471 | 4232 | 4291         | EA   | For Bolt-On, Add |          |  |  |             | \$42.94    |
|                 |       |      |              | Quantity   | Unit Price       | Factor   |  |  | Total       |            |
|                 |       |      | Installation | 1.00 x   | 40.85 x          | 1.0512 = |  |  | \$42.94     |            |
| Subtotal for 16 |       |      |              |  |                  |          |  |  | \$26,712.77 |            |

|                 |       |      |                       |            |            |          |  |  |            |            |
|-----------------|-------|------|-----------------------|------------|------------|----------|--|--|------------|------------|
| Section 18      |       |      |                       |            |            |          |  |  |            |            |
| 203             | 18001 | 1001 | LS                    | A/E Fees   |            |          |  |  |            | \$2,650.00 |
|                 |       |      |                       | Quantity   | Unit Price | Factor   |  |  | Total      |            |
|                 |       |      | Installation          | 2,500.00 x | 1.00 x     | 1.0600 = |  |  | \$2,650.00 |            |
|                 |       |      | concrete details only |            |            |          |  |  |            |            |
| Subtotal for 18 |       |      |                       |            |            |          |  |  | \$2,650.00 |            |

**Proposal Review Total**
**\$445,063.70**

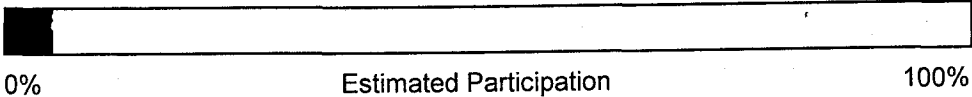
This job order proposal total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding of the line totals and sub-totals.

|                           |   |  |
|---------------------------|---|--|
| DATE<br>June 23, 2008     | GC 06 - SBE Estimate  |  |
| Job#<br>08539<br>Loc# 542 | CJC South Tower Bldg, 3228 Gun Club Road<br>CJC Main Jail - First Floor Line-up Area HVAC |  |
| SUBMITTED BY              | M.A.C. Construction, Inc.<br>9500 N.W. 12 Street<br>Miami, FL 33172                       | Contract: R-2007-0949<br>Awarded: 06/19/2008 |

Proposal Value: \$ 445,063.70

| Contractor/Sub-Contractor                          | Trade          | SBE Status   | SBE \$    | % of Job  |
|--|----------------|--------------|-----------|-----------|
| Andrea Construction (white male)                   |                | SBE-Non MWBE | 14,925.00 | 14,925.00 |
| Pro Tech Electrical Contractors, Inc. (white male) | Sub Contractor | SBE-Non MWBE | 21,860.00 | 21,860.00 |

Total estimate SBE participation 2 8.27%



ATTACHMENT # 4

*Revised 7/09/08* *Callis*  
**BUDGET AVAILABILITY STATEMENT**

REQUEST DATE: June 2, 2008

REQUESTED BY: DANIEL RACETTE

PHONE: 233-2057

PROJECT TITLE: CJC Main Jail - 1<sup>st</sup> floor line-up area HVAC

PROJECT NO.: 08539

LOCATION: 3200 Gun Club Road, WPB

CONTRACTOR/CONSULTANT NAME: M.A.C. Construction

PROVIDE A BRIEF STATEMENT OF THE SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT/CONTRACTOR: Provide labor, materials, permits, engineering necessary and reasonably incidental to install emergency HVAC on the 1<sup>st</sup> floor line-up room and 3<sup>rd</sup> floor special event area.

WILL THIS AMENDMENT CHANGE THE ESTIMATED COST OF THE PROJECT?

IF YES, PROVIDE ESTIMATES OF THE NEW COSTS:

|                       |                     |                                    |
|-----------------------|---------------------|------------------------------------|
| CONSTRUCTION          | <i>\$145,063.70</i> |                                    |
| ARCHITECTURE/ENGINEER | <i>\$ 6,676.05</i>  | 1.5% WORK ORDER AMOUNT FOR TGG FEE |
| STAFF COSTS*          | <i>\$ 22,253.50</i> |                                    |
| EQUIPMENT/OTHER       | <i>0.00</i>         |                                    |
| CONTINGENCY           | <i>\$ 44,507.00</i> |                                    |
| TOTAL                 | <i>\$518,500.25</i> |                                    |

\*By signing this BAS your department agrees to these staff costs and your account will be charged upon receipt of this BAS by FD&O. Unless there is a change in the scope of work, no additional staff charges will be billed.

BUDGET ACCOUNT NUMBERS (IDENTIFY ALL SOURCES) FUNDING SOURCE (CHECK ALL THAT APPLY)

FUND: AGENCY: ORG: OBJ: SUBOBJ:

*3804-411-B405-03-4907*

☒ AD VALOREM

☐ OTHER

☐ FEDERAL/DAVIS BACON

SUPPLEMENTAL AGREEMENT TO BE APPROVED BY: Department Director (WO<\$50,000)

ANTICIPATED DATE OF APPROVAL: *ASAP*

BAS APPROVED BY: *[Signature]* DATE: *6-11-08*

ENCUMBRANCE NUMBER: \_\_\_\_\_