

**Estimate of Probable Construction Costs, Lighting  
Fixture Cut Sheets, Plumbing Fixture Cut Sheets,  
Access Control and Security Cut Sheets**

for

**New Flagler County Sheriff's  
Operation Center**

June 13, 2014

**Schematic Design Submittal**



Prepared By-  
**TTVARCHITECTS, INC.**

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**TTVARCHITECTS, INC.**

**Estimate of Probable Construction Costs, Lighting Fixture Cut Sheets, Plumbing  
Fixture Cut Sheets, Access Control and Security Cut Sheets**

Schematic Design Submittal

June 13, 2014

## **ESTIMATE OF PROBABLE CONSTRUCTION COSTS**



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TTV ARCHITECTS, INC.

**Flagler County Sheriff's Operations Center  
Schematic Design of Probable Construction Costs  
Preliminary Estimate of Probable Construction Cost  
Schematic Design - June 13, 2014**

The following Preliminary Estimate of Probable Construction Cost is based upon the Schematic Design submittal dated June 13, 2014 with estimated costs for budgeting purposes only based upon RS Means Building Construction Cost Data with the General Contractor to establish the actual costs.

**BASE BID - ± 26,451 SF**

**ARCHITECTURAL COSTS**

| Div                                 |  | Cost               |
|-------------------------------------|--|--------------------|
| 2                                   | Demolition Existing Hospital Wing Connection <i>7, 7.</i>                              | \$11,000           |
| 3                                   | Floor Prep & Floor Moisture Test   | \$18,600           |
| 4                                   | New Main Entry Element (CMU & EIFS)  | \$19,855           |
| 6                                   | Millwork (Plastic Laminate)  | \$43,420           |
| 6                                   | Wood Base & Chairrail (Sheriff's Office, Admin. Conference Only)                       | \$1,998            |
| 7                                   | Exterior EIFS System   | \$131,870          |
| 7                                   | New Flashing, Gutters & Downspouts (inc. tear-off existing)                            | \$11,738           |
| 7                                   | New Modified Bituminous Roofing System (inc. tear-off existing) w/R38 <i>verify</i>    | \$564,000          |
| 7                                   | New Standing Seam Metal Panel Canopy   | \$4,400            |
| 8                                   | Alum Storefront Window openings  | \$14,640           |
| 8                                   | Ceiling Access Panels  | \$1,500            |
| 8                                   | New Ballistic Windows (UL Level IV) - Front Elevation Only                             | \$77,250           |
| 8                                   | Overhead Coiling Storm Shutter at Main Entry Storefront                                | \$5,200            |
| 9                                   | 2x2 ACT Ceiling System   | \$95,380           |
| 9                                   | Carpet Tiles   | \$58,695           |
| 9                                   | Drywall Ceilings & Soffits   | \$7,740            |
| 9                                   | Epoxy Paint Flooring   | \$3,300            |
| 9                                   | Existing Wall Opening Infills  | \$17,500           |
| 9                                   | Floor Tile (restrooms)   | \$8,094            |
| 9                                   | Interior Paint   | \$46,973           |
| 9                                   | New Full Height Furring Walls & Insulation (exterior)                                  | \$84,407           |
| 9                                   | New Full Height Walls  | \$102,724          |
| 9                                   | New Interior Furring Walls over Existing CMU   | \$87,581           |
| 9                                   | New Standard Walls (6" above ceiling)  | \$96,948           |
| 9                                   | Vinyl Base (4")  | \$8,640            |
| 9                                   | Vinyl Composition Tile (VCT)   | \$12,969           |
| 9                                   | Wall Tile (restrooms - all walls up to 4' high)  | \$13,200           |
| 10                                  | Exterior Building Identification Signage Allowance                                     | \$12,000           |
| 10                                  | Interior Room Signage  | \$15,750           |
| 10                                  | Toilet Room Stalls & Accessories   | \$13,000           |
| 12                                  | Window Shades  | \$9,600            |
| 13                                  | Ballistic Pass-Thru Windows (2) - UL Level III   | \$5,206            |
| 13                                  | Ballistic Security Desk & Enclosure (Level III - 8' high) - Glass w/solid panels below | \$30,000           |
| 13                                  | Operable Partition (with pass-thru door)   | \$19,600           |
| <b>SUBTOTAL ARCHITECTURAL COSTS</b> |  | <b>\$1,654,777</b> |

|   |                  |
|---|------------------|
| <b>ACCESS CONTROL (DOORS, FRAMES, &amp; HARDWARE)</b> |                  |
| <b>SUBTOTAL ACCESS CONTROL</b>                        | <b>\$181,235</b> |
| <b>CIVIL &amp; LANDSCAPE</b>                          |                  |
| <b>SUBTOTAL CIVIL</b>                                 | <b>\$293,204</b> |
| <b>STRUCTURAL</b>                                     |                  |
| <b>SUBTOTAL STRUCTURAL</b>                            | <b>\$211,663</b> |
| <b>MECHANICAL</b>                                     |                  |
| <b>SUBTOTAL MECHANICAL</b>                            | <b>\$581,400</b> |

|   |                    |
|---|--------------------|
| <b>ELECTRICAL</b>   |                    |
| Base Bid (including \$105,000 for new underground fiber run & \$73,200 for generator) | \$609,676          |
| Site Lighting   | \$55,400           |
| Site Communications   | \$105,900          |
| Audio/Visual ALLOWANCE  | \$80,000           |
| <b>SUBTOTAL ELECTRICAL</b>  | <b>\$850,976</b>   |
| <b>PLUMBING</b>   |                    |
| <b>SUBTOTAL PLUMBING</b>  | <b>\$119,000</b>   |
| <b>FIRE PROTECTION</b>  |                    |
| <b>SUBTOTAL FIRE PROTECTION</b>   | <b>\$78,000</b>    |
| <b>SECURITY SURVEILLANCE, ELECTRONIC ACCESS CONTROL &amp; MISC. HARDWARE SOFTWARE</b> |                    |
| <b>ALLOWANCE SURVEILLANCE, ELECTRONIC ACCESS</b>                                      | <b>\$108,103</b>   |
| <b>MISCELLANEOUS</b>  |                    |
| 5 Green Screen Wall at Fallen Heroes Memorial (12' high)                              | \$12,200           |
| 5 Perimeter Security Fencing - Motorized Gate (30' wide) w/Access Control             | \$30,000           |
| 5 Perimeter Security Fencing (8' tall)  | \$139,495          |
| 6 Exterior Wood Privacy Fencing at Interior Courtyard (8' high - Basketweave Pattern) | \$2,640            |
| 10 Flagpole (20' tall)  | \$2,500            |
| 10 Monument Sign at Entry Road  | \$10,000           |
| 13 Walk-in Lockable Cooler & Freezer  | \$24,000           |
| 23 Asbestos Abatement Allowance (remaining isolated ductwork mastic) per Prev. Rpt.   | \$5,000            |
| <b>SUBTOTAL MISCELLANEOUS</b>   | <b>\$225,835</b>   |
| <b>Sub-Total Construction Cost for Base Bid</b>                                       | <b>\$4,304,193</b> |
| General Conditions/ Contractor Overhead & Profit (15%)                                | \$645,629          |
| Contingency (10%) for Construction  | \$430,419          |
| <b>TOTAL - Base Bid</b>   | <b>\$4,992,864</b> |
| <b>TOTAL- Advance Demolition Package</b> <i>In house ???</i>                          | <b>\$175,000</b>   |
| <b>TOTAL- Bid Option 1</b>  | <b>\$430,419</b>   |
| <b>TOTAL- Bid Option 2</b>  | <b>\$516,515</b>   |
| <b>TOTAL- Bid Option 3</b>  | <b>\$83,000</b>    |
| <b>GRAND TOTAL - Base Bid + Bid Options 1, 2, 3, &amp; Advanced Demolition</b>        | <b>\$6,197,798</b> |

|   |                  |
|---|------------------|
| <b>FIXTURES FURNITURE &amp; EQUIPMENT (FFE)</b>                             |                  |
| New furniture & Workstations ALLOWANCE                                      | \$200,000        |
| New Evidence Static Shelving, Evidence Lockers, & Armory Shelving ALLOWANCE | \$125,000        |
| <b>SUBTOTAL FIXTURES FURNITURE &amp; EQUIPMENT (FFE)</b>                    | <b>\$325,000</b> |

ok  
window  
yes  
key? VE Option 1- Provide single ply membrane TPO type roofing assembly (GAF 70 MIL Extreme, 30 year warranty), in lieu of the specified Multi-Ply Modified Bitumen roofing system - \$188,000

VE Option 2- Provide non-UL tested, Level 1 ballistic glazing on the interior side of the aluminum storefront window for the main faced exterior windows, in lieu of the UL Level 4 tested assembly- -\$40,000

VE Option 3- Delete requirements for ballistic components at Security Desk and Pass thru Windows-\$15,000 •

VE Option 4- Use lower performance carpet (\$25/yd) in lieu of the specified carpet tile (\$30/yd) -\$10,000 •

VE Option 5- For the Outbuilding Bid Option 2, use asphalt shingle roofing in lieu of standing seam metal roofing - \$28,000

VE Option 6- For the Outbuilding Bid Option 2, Shell out the interior only (painted drywall & no other finishes except ACT ceiling)- \$69,000 →

VE Option 7- Use mini-blinds for the exterior windows in lieu of the specified fabric roller shades - \$5,400

VE Option 8- Delete Interior Room signage - \$15,750 why not

VE Option 9- Provide epoxy painted walls in the restrooms, in lieu of wall tile up to 4' high -\$12,000 → NO

VE Option 10- Provide 6' high perimeter security fencing, in lieu of the specified 8' high fencing -\$28,000 → NO

VE Option 11- Delete the overhead storm shutter over the main entrance - \$5,200 NO

VE Option 12- Provide AV Systems infrastructure only (no equipment)- \$40,000 → "How many"

Total Potential VE Options Potential Savings= Approximately -\$456,350

will be within budget

\*\*\* Items not included in this estimate include renovated areas outside of the area designated here-in, CM Fees, Building Permit Fees, Movable Shelving, printing, and specialized other equipment.\*\*\*

15/4,493,472.00

our budget 15/4,650,000.00



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| <b>OPTION 1 - EVIDENCE UNIT - + 5,906 sf of renovation area</b> |  |                  |
|---|--|------------------|
| <b>ARCHITECTURAL COSTS</b>                                      |  |                  |
| <b>Div</b>  |  | <b>Cost</b>      |
| 4   | New Exterior CMU, EIFS at Garage                   | \$17,328         |
| 5   | Welded Wire Evidence Enclosures (walls & ceilings) | \$14,600         |
| 8   | Ceiling Access Panels                              | \$1,500          |
| 8   | Overhead Rolling Doors (insulated)                 | \$0              |
| 9   | 2x2 ACT Ceiling System                             | \$8,952          |
| 9   | Drywall Ceilings & Soffits                         | \$4,854          |
| 9   | Epoxy Paint Flooring                               | \$32,483         |
| 9   | Existing Wall Opening Infills                      | \$0              |
| 9   | Interior Paint                                     | \$8,900          |
| 9   | New Full Height Walls                              | \$33,726         |
| 9   | New Standard Walls (6" above ceiling)              | \$18,510         |
| 9   | Vinyl Base (4")                                    | \$2,160          |
| 12  | Laboratory Grade Cabinets at CSI Lab               | \$11,200         |
|   | <b>SUBTOTAL ARCHITECTURAL COSTS</b>                | <b>\$154,214</b> |
| <b>ACCESS CONTROL (DOORS, FRAMES, &amp; HARDWARE)</b>           |  |                  |
|   | <b>SUBTOTAL ACCESS CONTROL</b>                     | <b>\$52,333</b>  |
| <b>STRUCTURAL</b>   |  |                  |
|   | <b>SUBTOTAL STRUCTURAL</b>                         |                  |
| <b>MECHANICAL</b>   |  |                  |
|   | <b>SUBTOTAL MECHANICAL</b>                         | <b>\$39,000</b>  |
| <b>ELECTRICAL</b>   |  |                  |
|   | <b>SUBTOTAL ELECTRICAL</b>                         | <b>\$71,700</b>  |

|  |                  |
|--|------------------|
| <b>PLUMBING</b>  |                  |
| <b>SUBTOTAL PLUMBING</b>                               | <b>\$34,500</b>  |
| <b>FIRE PROTECTION</b>                                 |                  |
| <b>SUBTOTAL FIRE PROTECTION</b>                        | <b>\$11,800</b>  |
| <b>Sub-Total Construction Cost for Bid Option 1</b>    | <b>\$363,547</b> |
| General Conditions/ Contractor Overhead & Profit (15%) | \$54,532         |
| Contingency (10%) for Construction                     | \$36,355         |
| <b>TOTAL for Bid Option 1</b>                          | <b>\$454,433</b> |





Flagler County Sheriff's Operations Center  
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| OPTION 2 - OUTBUILDING - + 3,947 sf of renovation area |  |           |
|--|--|-----------|
| ARCHITECTURAL COSTS                                    |  |           |
| Div  |  | Cost      |
| 2  | Interior Demolition  | \$15,788  |
| 8  | Ceiling Access Panels  | \$1,800   |
| 8  | Overhead Rolling Door (insulated)                                | \$4,500   |
| 9  | 2x2 ACT Ceiling System   | \$11,563  |
| 9  | VCT Flooring   | \$8,525   |
| 9  | Drywall Ceilings & Soffits                                       | \$4,200   |
| 9  | Existing Wall Opening Infills                                    | \$5,600   |
| 9  | Interior Paint   | \$5,902   |
| 9  | New Full Height Walls  | \$6,714   |
| 9  | New Standard Walls (up to 9')                                    | \$9,929   |
| 9  | Vinyl Base (4")  | \$600     |
| 10   | Interior Room Signage  | \$600     |
| 7  | New EIFS   | \$29,304  |
| 7  | New Gable End framing/Cement Board                               | \$7,290   |
| 9  | New Full Height Framing & Insulation (exterior)                  | \$17,582  |
| 7  | New Standing Seam Metal Roof, Tear Off Existing & R38 Insulation | \$47,364  |
| 9  | Floor Prep & Moisture Test                                       | \$3,000   |
| 6  | Built-in Countertops   | \$1,600   |
| 10   | Toilet Stalls & Accessories                                      | \$10,400  |
| 10   | Metal Lockers (single tier - 15'x15"x72") & Benches              | \$15,000  |
| 9  | Floor Tile   | \$6,460   |
| 9  | Wall Tile  | \$11,000  |
| SUBTOTAL ARCHITECTURAL COSTS                           |  | \$224,721 |
| ACCESS CONTROL   |  |           |
|  | Doors, Frames Hardware   |           |
| SUBTOTAL ACCESS CONTROL                                |  | \$13,681  |
| STRUCTURAL   |  |           |
| SUBTOTAL STRUCTURAL                                    |  | \$35,300  |

|  |                  |
|--|------------------|
| <b>MECHANICAL</b>                                      |                  |
|  |                  |
| <b>SUBTOTAL MECHANICAL</b>                             | <b>\$31,500</b>  |
| <b>ELECTRICAL</b>                                      |                  |
|  |                  |
| <b>SUBTOTAL ELECTRICAL</b>                             | <b>\$90,300</b>  |
| <b>PLUMBING</b>  |                  |
|  |                  |
| <b>SUBTOTAL PLUMBING</b>                               | <b>\$45,000</b>  |
| <b>FIRE PROTECTION</b>                                 |                  |
|  |                  |
| <b>SUBTOTAL FIRE PROTECTION</b>                        | <b>\$7,900</b>   |
| <b>Sub-Total Construction Cost for Bid Option 2</b>    |                  |
|  | <b>\$448,402</b> |
| General Conditions/ Contractor Overhead & Profit (15%) | \$67,260         |
| Contingency (10%) for Construction                     | \$44,840         |
| <b>TOTAL for Bid Option 2</b>                          |                  |
|  | <b>\$560,502</b> |



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| OPTION 3 - OPEN OFFICE SPACE - + 1,809 sf of renovation area |                                       |          |
|--|---------------------------------------|----------|
| ARCHITECTURAL COSTS  |                                       |          |
| Div  |                                       | Cost     |
| 9  | 2x2 ACT Ceiling System                | \$6,565  |
| 9  | Carpet Tiles                          | \$5,861  |
| 9  | Interior Paint                        | \$2,250  |
| 9  | New Standard Walls (6" above ceiling) | \$2,364  |
| 9  | Vinyl Base (4")                       | \$360    |
| 12   | Window Shades                         | \$1,200  |
| SUBTOTAL ARCHITECTURAL COSTS                                 |                                       | \$18,600 |
| ACCESS CONTROL (DOORS, FRAMES, & HARDWARE)                   |                                       |          |
| SUBTOTAL ACCESS CONTROL                                      |                                       | \$3,000  |
| MECHANICAL   |                                       |          |
| SUBTOTAL MECHANICAL  |                                       | \$9,100  |
| ELECTRICAL   |                                       |          |
| SUBTOTAL ELECTRICAL  |                                       | \$32,100 |
| FIRE PROTECTION  |                                       |          |
| SUBTOTAL FIRE PROTECTION                                     |                                       | \$3,600  |
| Sub-Total Construction Cost for Bid Option 3                 |                                       | \$66,400 |
| General Conditions/ Contractor Overhead & Profit (15%)       |                                       | \$9,960  |
| Contingency (10%) for Construction                           |                                       | \$6,640  |
| TOTAL for Bid Option 3                                       |                                       | \$83,000 |



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| ADVANCED DEMOLITION PACKAGE - INTERIOR DEMOLITION - + 35,000 SF |           |
|---|-----------|
| Div   | Cost      |
| 2 Interior Demolition   | \$140,000 |
| General Conditions/ Contractor Overhead & Profit (15%)          | \$21,000  |
| Contingency (10%) for Construction                              | \$14,000  |
| Total Advanced Demolition Package- Interior Demolition Costs    |           |
|   | \$175,000 |



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**Estimate of Probable Construction Costs, Lighting Fixture Cut Sheets, Plumbing  
Fixture Cut Sheets, Access Control and Security Cut Sheets**

Schematic Design Submittal

June 13, 2014

## **CONSULTANT CONSTRUCTION COSTS BREAK OUT**

|   |  |                  |
|---|--|------------------|
|   | <b>HVAC</b>                              |                  |
| 1 | Base Bid                                 | \$581,400        |
| 2 | BID OPTION #1 - EVIDENCE                 | \$39,000         |
| 3 | BID OPTION #2 - TRAINING / STORAGE BLDG. | \$31,500         |
| 4 | BID OPTION #3 - OPEN OFFICE              | \$9,100          |
|   |  |                  |
|   | <b>PROJECT TOTAL</b>                     | <b>\$661,000</b> |

|   |  |                  |
|---|--|------------------|
|   | <b>PLUMBING</b>                          |                  |
| 1 | Base Bid                                 | \$119,000        |
| 2 | BID OPTION #1 - EVIDENCE                 | \$34,500         |
| 3 | BID OPTION #2 - TRAINING / STORAGE BLDG. | \$45,000         |
| 4 | BID OPTION #3 - OPEN OFFICE              | \$0              |
|   |  |                  |
|   | <b>PROJECT TOTAL</b>                     | <b>\$198,500</b> |

|   |  |                  |
|---|--|------------------|
|   | <b>FIRE PROTECTION</b>                   |                  |
| 1 | Base Bid                                 | \$78,000         |
| 2 | BID OPTION #1 - EVIDENCE                 | \$11,800         |
| 3 | BID OPTION #2 - TRAINING / STORAGE BLDG. | \$7,900          |
| 4 | BID OPTION #3 - OPEN OFFICE              | \$3,600          |
|   |  |                  |
|   | <b>PROJECT TOTAL</b>                     | <b>\$101,300</b> |

|   |  |                  |
|---|--|------------------|
|   | <b>Electrical</b>                        |                  |
| 1 | Site Lighting                            | \$55,400         |
| 2 | Site Communications                      | \$105,900        |
| 3 | Audio / Visual                           | \$80,000         |
| 4 | Base Bid                                 | \$525,700        |
| 5 | BID OPTION #1 - EVIDENCE                 | \$71,700         |
| 6 | BID OPTION #2 - TRAINING / STORAGE BLDG. | \$90,300         |
| 7 | BID OPTION #3 - OPEN OFFICE              | \$32,100         |
|   |  |                  |
|   | <b>PROJECT TOTAL</b>                     | <b>\$961,100</b> |

MEPFP Total                      \$1,921,900

# ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

|                    |  |                                 |
|--------------------|--|---------------------------------|
| DATE:<br>6/12/2014 | PROJECT NAME:<br>Flagler Sheriff's Center - Schematic Design Submittal | CWIP PROJECT NO.:<br>14-01-0022 |
|--------------------|--|---------------------------------|

Connelly & Wicker, Inc.  
10060 Skinner Lake Drive, Suite 500  
Jacksonville, FL 32246

| ITEM NO. | QUANTITY | PER | DESCRIPTION                                      | UNIT COST   | AMOUNT      |
|----------|----------|-----|--|-------------|-------------|
| 1        | 2400     | LF  | CONSTRUCTION SILT FENCE BARRIER                  | \$2.75      | \$6,600.00  |
| 2        | 1        | LS  | CLEARING & GRUBBING                              | \$10,000.00 | \$10,000.00 |
| 3        | 400      | SY  | DEMO OF EXISTING CONCRETE                        | \$15.00     | \$6,000.00  |
| 4        | 1461     | SY  | DEMO OF EXISTING ASPHALT                         | \$12.00     | \$17,532.00 |
| 5        | 492      | SY  | FULL DEPTH ASPHALT PAVEMENT                      | \$30.00     | \$14,760.00 |
| 6        | 9100     | SY  | 1-1/2" ASPHALT OVERLAY, TYPE S-3                 | \$3.75      | \$34,125.00 |
| 7        | 1017     | SY  | CONCRETE SIDEWALK, GENERAL                       | \$35.00     | \$35,595.00 |
| 8        | 593      | SY  | CONCRETE SIDEWALK, MAIN ENTRY DECORATIVE         | \$45.00     | \$26,685.00 |
| 9        | 1078     | LF  | RIBBON CURB                                      | \$14.00     | \$15,092.00 |
| 10       | 2440     | LF  | PAINTED PAVEMENT MARKINGS, 6" WIDE THERMOPLASTIC | \$1.50      | \$3,660.00  |
| 11       | 1        | LS  | STREET AND PARKING LOT SIGNAGE                   | \$800.00    | \$800.00    |
| 12       | 122      | EA  | WHEEL STOP                                       | \$50.00     | \$6,100.00  |
| 13       | 1        | EA  | FIRE SERVICE, 6" W/DCDA                          | \$10,000.00 | \$10,000.00 |
| 14       | 160      | LF  | RAISED BENCH PLANTERS                            | \$50.00     | \$8,000.00  |
| 15       | 1        | EA  | BENCH  | \$1,500.00  | \$1,500.00  |
| 16       | 1        | EA  | BICYCLE RACK                                     | \$1,000.00  | \$1,000.00  |
| 17       | 20       | EA  | SHADE TREE, LIVE OAK                             | \$600.00    | \$12,000.00 |
| 18       | 30       | EA  | SMALL TREE, CREPE MYRTLE, HOLLY                  | \$250.00    | \$7,500.00  |
| 19       | 24       | EA  | PALM, WASHINGTONIA                               | \$350.00    | \$8,400.00  |
| 20       | 11       | EA  | PALM, CABBAGE                                    | \$250.00    | \$2,750.00  |
| 21       | 508      | SF  | SHRUBS   | \$12.00     | \$6,096.00  |
| 22       | 10900    | SF  | GROUND COVER                                     | \$2.00      | \$21,800.00 |
| 23       | 2500     | SY  | SODDING  | \$0.40      | \$1,000.00  |
| 24       | 1        | LS  | FULLY AUTOMATIC IRRIGATION SYSTEM                | \$12,000.00 | \$12,000.00 |

|                                  |                     |
|----------------------------------|---------------------|
| SUB-TOTAL:                       | \$268,995.00        |
| 3% MATERIAL TESTING & AS-BUILTS: | \$8,069.85          |
| 15 % CONTINGENCY:                | \$40,349.25         |
| 5% MOBILIZATION:                 | \$13,449.75         |
| 1% MAINTENANCE OF TRAFFIC:       | \$2,689.95          |
| <b>TOTAL:</b>                    | <b>\$333,553.80</b> |

### Structural Cost (Order-of-Magnitude) Estimate

Flagler County Sheriff's Operation Center  
June 2014

Base Bid, Bid Option 1, Bid Option 3

| REF       | SECTION         |  | UNIT | UNIT COST<br>TOTAL INCL O&P<br>\$/unit | TOTAL<br>UNIT | TOTAL COST<br>TOTAL INCL O&P<br>\$/unit |
|-----------|-----------------|--|------|--|---------------|---|
|           | 033000          | CONCRETE   |      |  |               |   |
| 3         | 024113, 4220    | Demo of Existing Concrete (at new interior wind columns) | S.F. | \$31.50                                | 117.00        | \$ 3,685.50                             |
| 2         | A1030-120, 2240 | 4" Thick Slab (replacement at new interior wind columns) | S.F. | \$5.11                                 | 117.00        | \$ 597.87                               |
|           | 042200          | Masonry  |      |  |               |   |
| 3         | 040505, 0200    | Added Vertical Reinforcing in Grouted Cells              | L.F. | \$50.00                                | 1,670.00      | \$ 83,500.00                            |
| -         | N/A             | Grouted Cells at Girt Attachments                        | L.F. | \$20.00                                | 150.00        | \$ 3,000.00                             |
| -         | N/A             | Grouted Cells at Column Attachments                      | L.F. | \$20.00                                | 150.00        | \$ 3,000.00                             |
| -         | N/A             | Helical Piles at Settled Masonry                         | Ea.  | \$1,500.00                             | 3.00          | \$ 4,500.00                             |
|           | 051200          | STRUCTURAL STEEL   |      |  |               |   |
| 1         | 051223.78, 0320 | Joist Bridging   | L.F. | \$5.00                                 | 2,250.00      | \$ 11,250.00                            |
| -         | N/A             | Miscellaneous (Epoxy Anchors, Connection Hardware)       | N/A  | N/A                                    | N/A           | \$ 16,000.00                            |
| -         | N/A             | Repair Deficient Connections                             | Ea.  | \$500.00                               | 15.00         | \$ 7,500.00                             |
| 1         | 051223.40, 0470 | Bottom Flange Bracing                                    | Ea.  | \$200.00                               | 75.00         | \$ 15,000.00                            |
| 3         | 051223.75, 0902 | Steel Girts  | L.F. | \$90.00                                | 457.00        | \$ 41,130.00                            |
| 3         | 051223.75, 0902 | Steel Wind Columns                                       | L.F. | \$90.00                                | 250           | \$ 22,500.00                            |
| Sub Total |                 |  |      |  |               | \$ 211,663.37                           |

Bid Option 2

| REF        | SECTION         |   | UNIT | UNIT COST<br>TOTAL INCL O&P<br>\$/unit | TOTAL<br>UNIT | TOTAL COST<br>TOTAL INCL O&P<br>\$/unit |
|------------|-----------------|---|------|--|---------------|---|
|            | 042200          | Masonry                                     |      |  |               |   |
| 3          | 040505, 0200    | Added Vertical Reinforcing in Grouted Cells | L.F. | \$50.00                                | 636.00        | \$ 31,800.00                            |
| 1          | 061000          | Rough Carpentry                             |      |  |               |   |
| 3          | 060523.60, 3600 | Truss Connection Upgrades                   | Ea.  | \$10.00                                | 200.00        | \$ 2,000.00                             |
| -          | N/A             | Truss Bottom Chord Bridging                 | N/A  | N/A                                    | N/A           | \$ 1,500.00                             |
| Sub Total  |                 |   |      |  |               | \$ 35,300.00                            |
| Total Cost |                 |   |      |  |               | \$ 246,963.37                           |

References:

- 1) 2014 RS Means Building Construction Cost Data
- 2) 2014 RS Means Square Foot Costs
- 3) 2014 RS Means Commercial Renovation Cost Data