



**Williamson County – Georgetown, Texas
Williamson County Emergency Services
Operations Center (Wilco ESOC)**

**Guaranteed Maximum Proposal Submittal
100% Design Development**

**Submittal No. 1
November 2, 2011
Parsons Project No. 446431
Vaughn Project Nos. 1722-01**

VAUGHN
CONSTRUCTION



November 2, 2011

10355 Westpark Drive
Houston, Texas
77042-5312

Williamson County, Texas
Williamson County Judge
710 Main Street, Suite 101
Georgetown, Texas 78626

Telephone:
(713) 243-8300

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(713) 243-8350

Attention: Judge Dan A. Gattis

Project: Williamson County Emergency Services Operations Center
Parsons Project No. 446431
Vaughn Project Nos. 1722

Re: Guaranteed Maximum Price Submittal

Judge Gattis:

We are pleased to submit for your review and approval our Guaranteed Maximum Price Submittal for the aforementioned project. This proposal submittal is in accordance with the required format. Three (3) originals are included.

Attached hereto, please find confirmation of the project team followed by the Table of Contents for the remainder of this proposal.

Please feel free to contact me if you have any questions or concerns.

Very Truly Yours,
VAUGHN CONSTRUCTION

Doug Boram

CC: 1722-01-File

Attachments: Staffing Plan – Project Staff

**Williamson County
Williamson County Emergency Services
Operations Center
Georgetown, Texas**

**Parsons Project No. 446431
Vaughn Project No. 1722-01**

Guaranteed Maximum Price Submittal

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GUARANTEED MAXIMUM PRICE (GMP) PROPOSAL

Pursuant to the terms of the Agreement Between Owner and Construction Manager-at-Risk by and between Williamson County, Texas (the "Owner") and J.T. Vaughn Construction, LLC (the "Construction Manager"), dated effective May 9, 2011 (the "Agreement"), Construction Manager hereby submits to Owner the following Guaranteed Maximum Price Proposal (GMP) for the Williamson County Emergency Services Operations Center, (the "Project", as defined in the Agreement), based on Plans and Specifications developed for the Project and dated July 29, 2011., as follows:

1. A not-to-exceed amount for the Cost of the Work pursuant to the Agreement:
(\$10,801,524)

(In Numerals)

2. A not-to-exceed amount for the General Conditions Costs pursuant to the Agreement:
(\$682,947)

(In Numerals)

3. A not-to-exceed amount for the Construction Manager's Contingency pursuant to the Agreement:
(\$492,568)

(In Numerals)

4. A not-to-exceed amount for the Owner's Special Allowance pursuant to the Agreement:
(See Cost of Work Breakdown ** Owner's Betterment)

(In Numerals)

5. A lump sum amount for Contractor's Construction Phase Fee, pursuant to the Agreement is:
(\$320,169)

(In Numerals)

6. TOTAL OF ITEMS 1 THROUGH 5

This amountThe total sum of Items 1-5 above is the Guaranteed Maximum Price (GMP) which the ContractorConstruction Manager hereby guarantees to the Owner for constructing the Williamson County Emergency Services Operations Center (Wilco ESOC), Williamson County, Georgetown, Texas, Project No. 446431 complete in place and operational. All attached breakdowns shall total this GMP amount:

(\$12,297,208)

(In Numerals)

7. CONSTRUCTION TIME:

The undersignedConstruction Manager agrees to complete all Work in the following number of calendar days from the Notice to Proceed:

(410 calendar days)

(In Numerals)

This GMP Proposal will not be withdrawn for a period of ninety (90) days from the date of receipt of this offer by the Owner.

The Contractor Construction Manager further agrees to pay, as Liquidated Damages, to Owner the sum of One Thousand dollars (\$1,000.00) per calendar day for failure to complete the work within the contracted time in accordance with the Agreement.

All terms and conditions of the Agreement are hereby adopted and incorporated into this GMP Proposal. Any exceptions to or modifications of the terms and conditions of the Agreement shall not be effective unless they are expressly stated and conspicuously identified in this GMP Proposal and are specifically accepted and approved by the Owner. Otherwise, proposed revisions or modifications to the language, terms or conditions of the Agreement will not be accepted.

BY SIGNING BELOW, Construction Manager and Owner have executed and bound themselves to this Guaranteed Maximum Price (GMP) Proposal.

CONSTRUCTION MANAGER:

OWNER:

J.T. VAUGHN CONSTRUCTION, LLC.

WILLIAMSON COUNTY, TEXAS

Federal Tax I.D. No. 26-3561928

By _____

By: _____
(Signature)

Dan A Gattis
Williamson County Judge

Date _____, 20____

(Print or Type Name)

Title/Representative Capacity:

Date _____, 20____

Name(s) of individual(s), sole proprietors,
partner(s), shareholder(s) or owner(s) with an
ownership interest of at least 25% of the
business entity executing this GMP Proposal.

Name: _____

Name: _____

Name: _____

Name: _____

**Williamson County
Williamson County Emergency Services
Operations Center
Georgetown, Texas**

**Parsons Project No. 446431
Vaughn Project No. 1722-01**

Guaranteed Maximum Price Submittal

Executive Summary

Project Description:

The Williamson County Emergency Services Operations Center project is comprised of a communications floor, emergency operation area, expanded emergency operations area/training area, and office areas that include a break room and workout space. Presently the Design Development phase is to be approximately 30,000 gross square feet. This project is located at 2001 SE Inner Loop, Georgetown, TX 78626, in between the existing Williamson County Animal Shelter and Juvenile Justice Center.

The structure of the building consists of a drilled pier foundation, concrete precast flooring system, steel framing and joist. The skin incorporates load bearing CMU, punched windows, curtain wall main entrance, and a thermoplastic membrane roof. Also, an extensive amount of site utility work and paving is necessary for the building.

Document Release Packages:

Vaughn Construction will release all the bid packages at once for this project. After proposals are received the bid packages will be divided into different evaluation books that will be presented to Williamson County for approval. Evaluation books will be submitted in order of importance to maintain the schedule. This will allow the project to execute the laborious effort of drilling the piers and constructing the foundation of the building as early as possible. The site will be captured with construction fencing and the necessary storm water protection measures.

Schedule:

A full copy of the current project schedule is available for review under Tab 5 of this proposal book. The following is a brief summary of information documented within.

The schedule reflects receiving Construction Documents issued by Parsons on October 17, 2011. Receiving subcontractor proposals on December 1, 2011 and starting Construction on January 19, 2012.

The critical path for the project currently runs through the precast structure and skin of the building to reach dry-in, which hinders the start of interior finishes until the proper weather protection can be achieved. This will require close coordination efforts by the entire project team to prevent and/or eliminate delays to this critical phase of the construction process.

Key Dates:

NTP w/ Construction Services – January 19, 2012

Dry-In – August 28, 2012

Substantial Completion – January 17, 2013

Final Completion – February 14, 2013

Alternates:

Current alternates are identified as:

Alternate #1 – (Additive): Provide solid surface countertops in lieu of plastic laminate countertops at all locations where plastic laminate countertops are shown on drawings and specifications. Solid surface countertops are scheduled at all lavatories and break room locations in base bid.

**Williamson County
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Guaranteed Maximum Price Submittal

Staffing Plan – Project Team

Project Executive, Director of Operations – Michael Vaughn

Overall executive oversight of project execution.

Construction Director – Danny Thompson

Corporate oversight of all project operations, GMP oversight for the trade contractor award and procurement process. Provides document control, schedule, QA/QC, commissioning and safety oversight, and progress of construction.

General Superintendent – Bernie Edwards

Corporate oversight of all field operations, progress of construction, and allocation of field forces and trade manpower.

Corporate Safety Director – Larry Carter

Corporate oversight of implementation and execution of Vaughn's safety programs.

Project Superintendent – Stuart Baker

Daily onsite responsibility for field operations, coordination of trades, schedule compliance, deliveries, QA/QC, and safety. The Project Superintendent coordinates with Project Manager and Project Scheduler/Expeditor.

Director of Quality – Ken Cotie

Corporate oversight of Vaughn QA/QC, commissioning program, and associated manpower. Coordinates with the Project Managers, Superintendents, and QA/QC Inspectors

QA/QC – Andy Watson

Daily onsite responsibilities include assisting the Owners representative in the verification of materials and installation of work during construction of the project.

Project Manager – Doug Boram

Daily onsite responsibility for project and GMP oversight for the trade contractor award and procurement process. Provides document control, schedule, QA/QC, commissioning and safety oversight. Coordinates with the Project Superintendent and the Project Engineer.

Project Engineer – Colby Hilton

Daily onsite responsibility for project documentation control including submittals, procurement, RFI's, changes, inspections, and commissioning documentation. Coordinates with the Project Manager

EXHIBIT E**CM'S PERSONNEL AND MONTHLY SALARY RATES**

Project No. & Name: 446431, Williamson County Emergency Services Operations Center

The following Monthly Salary Rate (MSR) shall identify the estimated billable rate prior to execution of the Agreement, and shall be confirmed during the Guaranteed Maximum Price Proposal phase for use throughout Construction Phase Services on the Owner Standard Schedule of Values Format for all salaried General Conditions type personnel pursuant to the Agreement. The MSR shall include the employee's estimated monthly direct salary expense (including possible future salary increases), plus any employer payroll taxes and/or fringe benefit contributions as identified below. Any additional employer contributions not identified below shall be included in the Construction Phase Fee pursuant to Article 14 of the Agreement.

Employee		Estimated Employer's Monthly Contributions						Monthly Salary Rate
Name and Title	Estimated Monthly Direct Salary Expense	Federal & State Unemployment (Less than 1%)	Social Security & Medicare (Less than 7.65%)	Worker's Compensation (\$0 for ROCIP)	Health & Insurance	Pension / 401(k)	Vacation / Holiday	
1. Doug Boarm - PM	\$6250	\$26	\$478	\$95	\$402	\$469	Included	\$7720
2. Stuart Baker - Supt	\$9167	\$26	\$669	\$133	\$408	\$656	Included	\$11059
3. Project Engineer	\$4417	\$26	\$338	\$14	\$394	\$331	Included	\$5520
4. QA/QC	\$1153	\$26	\$383	\$76	\$397	\$375	Included	\$2410

Construction Manager shall certify, to the best of his knowledge, that the above referenced salary information is accurate.

CM signature: _____ (same individual who signs agreement)

**Williamson County
Williamson County Emergency Services
Operations Center
Georgetown, Texas**

**Parsons Project No. 446431
Vaughn Project No. 1722-01**

Guaranteed Maximum Price Submittal

Listing of Documents

1. Specifications issued by Parsons dated July 29, 2011, entitled "Emergency Services Operations Center"

<u>NUMBER</u>	<u>TITLE</u>	<u>PAGES</u>
00 01 01	Project Title Page	1
00 00 00	Cover	1
00 01 01	Title Sheet	2
00 01 05	Certifications	11
00 01 10	Table Of Contents	6
00 01 15	List of Drawings	5
00 01 30	Project Directory (not provided at DD)	5
00 34 00	Environmental Information	2
00 71 14	Uniform General and Supplementary General Conditions	44
	Contractor's Supplemental Specifications (Bid Package #1)	1
	Table of Contents	1
	Section 1 Notice to Respondents	4
	Section 2 Bid Packages	1
	Section 3 Supplemental Information to Respondents	5
	Section 4 Standard Contracts for Trade Contractors/Suppliers	40
	Section 5 Special Provisions for Trade Contractors/Suppliers	3
	Section 6 Scheduling	3
	Section 7 Building Information Modeling (BIM)	6
	Section 8 Proposal Form	3
01 09 00	Reference Standards	4
01 10 00	Summary	3
01 21 00	Allowances	3
01 23 00	Alternates	3
01 30 00	Administrative Requirements	5
01 32 33	Photographic Documentation	5
01 36 00	Environmental Procedures	6
01 40 00	Quality Requirements	8
01 42 16	Definitions	2
01 50 00	Temporary Facilities and Controls	5
01 51 00	Temporary Utilities	3
01 52 50	Field Offices	3
01 55 00	Vehicular Access and Parking	3
01 56 50	Security Measures	2
01 56 55	Storm Water Management and Controls	23
01 58 50	Project Signs	3
01 60 00	Product Requirements	8
01 74 19	Construction Waste Management	15
01 77 00	Close Out Procedures	16

01 79 00	Demonstration and Training	10
01 91 00	General Commissioning Requirements	13
02 01 00	Subsurface Investigation	2
	Geotechnical Services Report	70
02 36 10	Termite Control	6
02 41 19	Selective Demolition	11
03 10 00	Concrete Forming and Accessories	11
03 20 00	Concrete Reinforcing	6
03 30 00	Cast-In-Place Concrete	10
03 35 00	Concrete Finishing	5
04 20 00	Unit Masonry Assemblies	23
05 12 00	Structural Steel Framing	8
05 31 23	Steel Roof Decking	5
05 40 00	Cold-Formed Metal Framing	10
05 50 00	Metal Fabrications	12
05 53 00	Gratings	9
05 70 00	Ornamental Metal	3
06 10 53	Miscellaneous Rough Carpentry	9
06 20 00	Finish Carpentry	4
06 40 23	Interior Architectural Woodwork	13
07 11 13	Bituminous Dampproofing	6
07 13 10	Below-Grade Waterproofing Systems	8
07 21 00	Building Insulation	7
07 21 29	Sprayed Insulation	5
07 22 00	Roof and Deck Insulation	9
07 42 13	Metal Wall Panels	8
07 54 00	Thermoplastic Polyolefin Roofing	14
07 61 00	Sheet Metal Roofing	23
07 62 00	Sheet Metal Flashing and Trim	11
07 72 00	Roof Accessories	6
07 92 00	Joint Sealants	11
08 11 13	Hollow Metal Doors and Frames	13
08 14 16	Flush Wood Doors	10
08 31 13	Access Doors and Frames	5
08 33 13	Overhead Coiling Doors	5
08 44 13	Aluminum Entrances and Storefronts	10
08 51 23	Steel Windows	10
08 71 00	Door Hardware	17
08 74 13	Card Key Access	19
08 81 00	Glazing	15
08 83 13	Mirrored Glazing	5
09 21 16	Gypsum Board Assemblies	14
09 22 36.23	Metal Lath	5
09 24 00	Portland Cement Plastering	4
09 30 13	Ceramic Tiling	10
09 51 13	Acoustical Panel Ceilings	11
09 65 19	Resilient Flooring	7
09 68 13	Tile Carpet	4
09 69 00	Access Flooring	7
09 72 00	Special Wall Surfaces	6
09 72 10	Wall Covering	4
09 84 14	Acoustic Stretched-Fabric Wall Systems	4
09 84 33	Sound Absorbing Wall Units	6
09 91 00	Painting	14

09 96 00	High Performance Coatings	6
09 97 30	Dry Erase Coating	5
10 11 00	Visual Display Units	4
10 14 00	Signage	6
10 21 13.13	Stainless Steel Toilet Compartments	6
10 22 13	Wire Mesh Partitions	5
10 26 13	Impact-Resistant Wall Protection	6
10 28 13	Toilet Accessories	5
10 44 00	Fire Protection Specialties	5
10 51 13	Metal Lockers	13
10 55 00	Postal Specialties	8
10 56 26	Mobile Storage Shelving	13
11 52 13	Motorized Projection Screens	8
12 24 13	Roller Shades	5
12 93 23	Trash and Litter Receptors	6
22 05 29	Hangers and Supports for Plumbing Piping	6
22 11 00	Facility Water Distribution	9
22 33 00	Gas Domestic Water Heaters (not provided at DD)	4
22 40 00	Plumbing Fixtures	7
23 05 93	Testing, Adjusting and Balancing	5
23 07 00	HVAC Insulation	16
23 31 00	HVAC Ducts and Casings	5
23 33 00	Air Duct Accessories	5
23 34 00	HVAC Fans	5
23 37 00	Air Outlets and Inlets	4
26 05 00	Common Work Results for Electrical	4
26 05 19	Low-Voltage Electrical Power Conductors and Cables	6
26 05 26	Grounding and Bonding for Electrical Systems	6
26 05 29	Hangers and Supports for Electrical Systems	5
26 05 33	Raceway and Boxes for Electrical Systems	8
26 05 53	Identification For Electrical Systems	4
26 09 23	Lighting Control Devices	6
26 24 16	Panelboards	5
26 27 26	Wiring Devices	5
26 28 19	Enclosed Switches	3
26 50 00	Lighting	6
27 05 26	Grounding and Bonding for Communications Systems	13
27 05 28	Pathway for Communications System	7
27 05 28.29	Telecom Hangers and Supports	6
27 05 28.33	Conduit and Backbones for Communications Systems	15
27 05 28.36	Telecom Cable Trays	7
27 05 53	Telecom Identification	6
27 08 00	Telecom Testing	10
27 11 16	Communications Cabinets Racks Frames Enclosures	9
27 11 19	Telecom Termination Panels	10
27 11 23	Telecom Cable Mgmt	8
27 11 26	Telecom Power Strip	7
27 13 13	Telecom Copper Backbone	7
27 13 13.13	Communications Copper Backbone Splicing & Terminations	7
27 13 23	Telecom Optical Fiber Backbone	8
27 13 23.13	Telecom Fiber Termination Splicing	8
27 13 33	Communications Coaxial Backbone Cabling	7
27 13 33.13	Telecom Coaxial Termination Splicing	7
27 15 13	Telecom Copper Station Cable	7

27 15 23	Telecom Optical Fiber Horizontal	8
27 15 33	Telecom Coaxial Station Cable	8
27 15 43	Telecom Faceplates-Connectors	11
27 16 19	Telecom Patch Cord	10
28 23 00	Video Surveillance (CCTV) System	20

2. Drawings issued by Parsons dated July 29, 2011, entitled "Williamson County Emergency Services Operations Center Bid Package #1."

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
GENERAL		
446431-G-001	ARCHITECTURAL GENERAL INFORMATION	7/29/11
446431-G-002	ARCHITECTURAL ACCESSIBILITY NOTES AND DIAGRAMS	7/29/11
446431-G-003	ARCHITECTURAL OCCUPANCY PLAN	7/29/11
446431-G-004	ARCHITECTURAL EGRESS PLAN	7/29/11
CIVIL		
446431-C-100	COVER	7/29/11
446431-C-101	GENERAL NOTES	7/29/11
446431-C-102	EROSION SEDIMENTATION CONTROL PLAN 1 OF 2	7/29/11
446431-C-103	EROSION SEDIMENTATION CONTROL PLAN 2 OF 2	7/29/11
446431-C-104	CITY SITE PLAN	7/29/11
446431-C-105	DIMENSIONAL SITE PLAN 1	7/29/11
446431-C-106	DIMENSIONAL SITE PLAN 2	7/29/11
446431-C-107	EXISTING AND PROPOSED DRAINAGE AREA MAP	7/29/11
446431-C-108	GRADING PLAN 1	7/29/11
446431-C-109	GRADING PLAN 1	7/29/11
446431-C-110	STORM SEWER PLAN	7/29/11
446431-C-111	UTILITY PLAN	7/29/11
446431-C-112	DETENTION POND	7/29/11
446431-C-113	SITE DETAILS 1 OF 2	7/29/11
446431-C-114	SITE DETAILS 2 OF 2	7/29/11
446431-C-115	STORM WATER DETAILS 1 OF 2	7/29/11
446431-C-116	STORM WATER DETAILS 2 OF 2	7/29/11
446431-C-117	WATER DETAILS	7/29/11
446431-C-118	WASTEWATER DETAILS	7/29/11
IRRIGATION		
446431-IR-1	IRRIGATION NOTES & DETAILS	7/29/11
LANDSCAPE		
446431-L-100	LANDSCAPE PLAN	7/29/11
446431-L-200	LANDSCAPE CALCULATION & NOTES	7/29/11
446431-L-300	LANDSCAPE PLANTING DETAILS	7/29/11
STRUCTURAL		

446431-S-000	STRUCTURAL GENERAL NOTES	7/29/11
446431-S-100	STRUCTURAL PILE LAYOUT PLAN	7/29/11
446431-S-101	STRUCTURAL PRECAST CONCRETE FRAMING PLAN	7/29/11
446431-S-102	STRUCTURAL YARD EQUIPMENT FOUNDATIONS	7/29/11
446431-S-200	STRUCTURAL BUILDING LOW PARAPET AND HIGH ROOF FRAMING PLAN	7/29/11
446431-S-201	STRUCTURAL BUILDING LOW ROOF FRAMING PLAN	7/29/11
446431-S-202	STRUCTURAL BUILDING ENTRY FRAMING PLAN	7/29/11
446431-S-300	STRUCTURAL ELEVATIONS	7/29/11
446431-S-400	STRUCTURAL ENTRY SECTIONS AND DETAILS	7/29/11
446431-S-401	STRUCTURAL LOW ROOF SECTIONS AND DETAILS	7/29/11
446431-S-402	STRUCTURAL HIGH ROOF SECTIONS AND DETAILS	7/29/11
446431-S-403	STRUCTURAL LOW PARAPET SECTIONS AND DETAILS	7/29/11
446431-S-404	STRUCTURAL FOUNDATION SECTIONS	7/29/11
446431-S-405	STRUCTURAL TYPICAL MASONRY DETAILS	7/29/11

ARCHITECTURAL

446431-A-100	ARCHITECTURAL OVERALL SITE PLAN	7/29/11
446431-A-101	ARCHITECTURAL ENLARGED SITE PLAN	7/29/11
446431-A-200	ARCHITECTURAL OVERALL FLOOR PLAN	7/29/11
446431-A-201	ARCHITECTURAL 1/8" FLOOR PLAN	7/29/11
446431-A-202	ARCHITECTURAL 1/8" FLOOR PLAN	7/29/11
446431-A-210	ARCHITECTURAL REFLECTED CEILING PLAN	7/29/11
446431-A-220	ARCHITECTURAL ROOF PLAN	7/29/11
446431-A-230	ARCHITECTURAL FINISH PLAN	7/29/11
446431-A-231	ARCHITECTURAL WALL FINISHES	7/29/11
446431-A-240	ARCHITECTURAL FURNITURE PLAN PARTIAL	7/29/11
446431-A-241	ARCHITECTURAL ENLARGED PLANS	7/29/11
446431-A-300	ARCHITECTURAL EXTERIOR ELEVATIONS	7/29/11
446431-A-301	ARCHITECTURAL EXTERIOR ELEVATIONS	7/29/11
446431-A-310	ARCHITECTURAL EXTERIOR CMU THICKNESS	7/29/11
446431-A-400	ARCHITECTURAL BUILDING SECTIONS	7/29/11
446431-A-401	ARCHITECTURAL BUILDING SECTIONS	7/29/11
446431-A-410	ARCHITECTURAL WALL SECTIONS	7/29/11
446431-A-411	ARCHITECTURAL WALL SECTIONS	7/29/11
446431-A-501	ARCHITECTURAL SECTION DETAILS	7/29/11
446431-A-502	ARCHITECTURAL SECTION DETAILS	7/29/11
446431-A-503	ARCHITECTURAL SECTION DETAILS	7/29/11
446431-A-504	ARCHITECTURAL SECTION DETAILS	7/29/11
446431-A-505	ARCHITECTURAL PLAN DETAILS	7/29/11
446431-A-506	ARCHITECTURAL PLAN DETAILS	7/29/11
446431-A-700	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-701	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-702	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-703	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-704	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-705	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-706	ARCHITECTURAL INTERIOR ELEVATIONS	7/29/11
446431-A-710	ARCHITECTURAL INTERIOR DETAILS	7/29/11
446431-A-800	ARCHITECTURAL ROOFING & MISCELLANEOUS DETAILS	7/29/11
446431-A-900	ARCHITECTURAL DOOR SCHEDULE & DETAILS	7/29/11
446431-A-901	ARCHITECTURAL DOOR & WINDOW DETAILS	7/29/11

446431-A-902	ARCHITECTURAL WINDOW & WALL TYPES	7/29/11
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FIRE PROTECTION

446431-F-100	FIRE PROTECTION FLOOR PLAN	7/29/11
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HVAC

446431-H-000	HVAC NOTES & LEGEND	7/29/11
446431-H-100	HVAC OVERALL FLOOR PLAN	7/29/11
446431-H-101	HVAC PARTIAL PLAN "A"	7/29/11
446431-H-102	HVAC PARTIAL PLAN "B"	7/29/11
446431-H-103	HVAC ENLARGED PLANS SERVER & MECHANICAL ROOM	7/29/11
446431-H-400	HVAC SECTIONS & DETAILS	7/29/11
446431-H-900	HVAC SCHEDULES	7/29/11
446431-D-500	HVAC AIRFLOW DIAGRAM	7/29/11

MECHANICAL UTILITIES

446431-P-000	PIPING/PLUMBING NOTES & LEGEND	7/29/11
446431-P-101	PIPING ENLARGED PLAN MECHANICAL ROOM	7/29/11
446431-P-400	PIPING SECTIONS & DETAILS	7/29/11
446431-P-900	PIPING SCHEDULE	7/29/11
446431-D-600	PIPING CHILLED WATER FLOW DIAGRAM	7/29/11
446431-P-200	PLUMBING SANITARY OVERALL FLOOR PLAN	7/29/11
446431-P-201	PLUMBING SANITARY PARTIAL PLAN "A"	7/29/11
446431-P-202	PLUMBING SANITARY PARTIAL PLAN "B"	7/29/11
446431-P-203	PLUMBING SANITARY ENLARGED PLANS	7/29/11
446431-P-204	PLUMBING DOMESTIC WATER OVERALL FLOOR PLAN	7/29/11
446431-P-205	PLUMBING DOMESTIC WATER PARTIAL PLAN "A"	7/29/11
446431-P-206	PLUMBING DOMESTIC WATER PARTIAL PLAN "B"	7/29/11
446431-P-207	PLUMBING DOMESTIC WATER ENLARGED PLANS	7/29/11
446431-P-500	PLUMBING SCHEDULES & DETAILS	7/29/11
446431-P-700	PLUMBING RISER DIAGRAMS SANITARY	7/29/11
446431-P-701	PLUMBING RISER & FLOW DIAGRAMS DOMESTIC WATER	7/29/11

ELECTRICAL

446431-E-001	ELECTRICAL SYMBOLS, ABBREVIATIONS & GENERAL NOTES	7/29/11
446431-E-100	ELECTRICAL LIGHTING PARTIAL PLAN WEST	7/29/11
446431-E-101	ELECTRICAL LIGHTING PARTIAL PLAN EAST	7/29/11
446431-E-102	ELECTRICAL SITE LIGHTING PLAN	7/29/11
446431-E-201	ELECTRICAL POWER PARTIAL PLAN NORTHWEST	7/29/11
446431-E-202	ELECTRICAL POWER PARTIAL PLAN SOUTHWEST	7/29/11
446431-E-203	ELECTRICAL POWER PARTIAL PLAN NORTHEAST	7/29/11
446431-E-204	ELECTRICAL POWER PARTIAL PLAN SOUTHEAST	7/29/11
446431-E-300	ELECTRICAL GROUNDING PARTIAL PLAN WEST	7/29/11
446431-E-301	ELECTRICAL GROUNDING PARTIAL PLAN EAST	7/29/11
446431-E-400	ELECTRICAL DETAILS SHEET 1 OF 3	7/29/11
446431-E-401	ELECTRICAL DETAILS SHEET 2 OF 3	7/29/11
446431-E-402	ELECTRICAL DETAILS SHEET 3 OF 3	7/29/11
446431-E-500	ELECTRICAL FIRE ALARM PARTIAL PLAN WEST	7/29/11
446431-E-501	ELECTRICAL FIRE ALARM PARTIAL PLAN EAST	7/29/11

446431-E-600	ELECTRICAL SINGLE LINE OVERALL	7/29/11
446431-E-601	ELECTRICAL SINGLE LINE DISTRIBUTION PANELS	7/29/11
446431-E-800	ELECTRICAL LIGHTNING PROTECTION PARTIAL PLAN WEST	7/29/11
446431-E-801	ELECTRICAL LIGHTNING PROTECTION PARTIAL PLAN EAST	7/29/11
446431-E-900	ELECTRICAL LIGHTING FIXTURE SCHEDULES	7/29/11
446431-E-901	ELECTRICAL PANEL SCHEDULES 1 OF 2	7/29/11
446431-E-902	ELECTRICAL PANEL SCHEDULES 2 OF 2	7/29/11

SECURITY

446431-SD02	SECURITY SITE PLAN ACCESS CONTROL / CAMERA	7/29/11
446431-SD04	SECURITY ACCESS CONTROL ZONING PLAN	7/29/11
446431-SD05	SECURITY CAMERA PLAN	7/29/11

AUDIO VISUAL

446431-TA000	AUDIO VISUAL SYMBOLS AND LEGEND	7/29/11
446431-TA200	AUDIO VISUAL FACILITY PLAN – AREA A	7/29/11
446431-TA201	AUDIO VISUAL FACILITY PLAN – AREA B	7/29/11
446431-TA202	AUDIO VISUAL FACILITY PLAN – AREA C	7/29/11
446431-TA203	AUDIO VISUAL FACILITY PLAN – AREA D	7/29/11
446431-TA300	AUDIO VISUAL ELECTRIC PLAN - AREA A	7/29/11
446431-TA301	AUDIO VISUAL ELECTRICAL RCP - AREA A	7/29/11
446431-TA302	AUDIO VISUAL ELECTRICAL PLAN - AREA B	7/29/11
446431-TA303	AUDIO VISUAL ELECTRICAL RCP - AREA B	7/29/11
446431-TA304	AUDIO VISUAL ELECTRICAL PLAN - AREA C	7/29/11
446431-TA305	AUDIO VISUAL ELECTRICAL RCP - AREA C	7/29/11
446431-TA306	AUDIO VISUAL ELECTRICAL PLAN - AREA D	7/29/11
446431-TA307	AUDIO VISUAL ELECTRICAL RCP - AREA D	7/29/11

TELECOMMUNICATIONS

446431-TT000	TELECOMMUNICATIONS SYMBOLS & LEGEND	7/29/11
446431-TT200	TELECOMMUNICATIONS PLAN - AREA A	7/29/11
446431-TT201	TELECOMMUNICATIONS PLAN - AREA B	7/29/11
446431-TT202	TELECOMMUNICATIONS PLAN - AREA C	7/29/11
446431-TT203	TELECOMMUNICATIONS PLAN - AREA D	7/29/11
446431-TT500	TELECOMMUNICATIONS ROOM PLANS	7/29/11

**Williamson County
Williamson County Emergency Services
Operations Center
Georgetown, Texas**

**Parsons Project No. 446431
Vaughn Project No. 1722-01**

Guaranteed Maximum Price Submittal

Assumptions and Clarifications

September 27, 2011

1. Our GMP has assumed that every specification either referenced by manufacturer or performance is designed so that more than one manufacturer for each specification will be able to meet the design intent of the project, and that details shown in the contract documents will not preclude any manufacturer specified from participating in the proposal process. We have no provisions in our pricing for proprietary specifications.
2. Vaughn reserves the right to work at night to accommodate shut downs that are required to execute the scope of work when coordinated with the Owner's staff. Vaughn will try to schedule work so that mandatory inspections shall occur during normal business hours unless approved by Williamson County.
3. Our GMP has no provisions to pay the cost of a commissioning agent.
4. Our GMP has no provisions for seismic requirements. We have not seen anything that leads us to believe this will be required.
5. Vaughn has assumed the following maximum percentage of fly ash (as a replacement to cement powder) in the GMP.
 - a. Elevated Slabs – 20%
6. Our GMP excludes any requirements for epoxy coated or galvanized steel reinforcing for cast in place concrete.
7. Our GMP is based on all elevated concrete flatness and levelness will be F(f) 25, F(l) 20 with local values of F(f) 17, F(l) 15.
8. Our GMP is based on maximum concrete temperature to be 95 degrees.
9. Our GMP is based on 6' picket fence for site fencing. See Exhibit "A" for the fencing provided in GMP.
10. Our GMP has 2" acoustical Tectum wall panels located at above 7ft in rooms: 38 Expanded EOC, 39 War Room, and 40 Communications Operation Floor.
11. Our GMP is based on all doors being Plastic Laminate doors unless noted to be Hollow Metal or Aluminum Storefront.
12. Our GMP excludes ballistic or blast proof glazing systems.

13. Our GMP excludes roll down shutters over exterior glazing systems.
14. Our GMP excludes materials testing; we assume this will be by the Owner.
15. Our GMP includes recessed paper towel dispensers and waste bin in lieu of warm air hand dryers.
16. Our GMP excludes all fixed and movable furniture.
17. Our GMP excludes AV equipment, cabling and installation of equipment.
18. Our GMP excludes Telecommunication Structured cabling, equipment racks, Telecommunications/Data equipment and installation.
19. Our GMP excludes architectural form liners for concrete.
20. Our GMP includes only one motorized gate, and one manual sliding gate, for entry points to the facility.
21. Our GMP is based on an 8' foot high uncoated chain link fence for the mechanical and telecommunications tower yard.
22. Our GMP excludes the following although mentioned in the project manual;
 - Specification Section 098414 – Acoustic Stretched-Fabric Wall Systems - Acoustical Wall Panels will be a fabric wrapped acoustical wall panel similar to Decoustics.
 - Specification Section 102213 – Wire Mesh Partitions – These have been deleted from the project.
 - Specification Section – 105626 – Mobile Storage Shelving – These will not be required.
23. Our GMP is based on using Aluminum canopies over the entrances to door; door 21, door 44A, door 81A, door 70, and Electrical and Mechanical back entrance.
24. Our GMP excludes Impact Fees, and Municipal Utility fees.
25. Our GMP includes an allowance of \$9000 dollars for hand painted graphics at outside wall of Room 29, Media Room #6, and Communication Floor Room 40.
26. Our GMP includes 12" x 12" ceramic tile at restroom floors with 4" x 4" tile being on the walls. Please see attached Exhibit "B" for locations of ceramic tile walls and heights.
27. Our GMP excludes the excavation, removal or hauling off of any hazardous material discovered during earthwork operations on the site.
28. Our GMP excludes exhaust scrubbers on motorized construction equipment.
29. Our GMP excludes exhaust scrubbers on the emergency generator exhaust.
30. Paving areas are based on using 14" of base with no subgrade stabilization (lime or cement) and 2" of Type C Asphalt at all parking areas and 3" Asphalt at all drives.

31. Our GMP excludes LEED certification, and sorting or tracking of construction waste.
32. Our GMP assumes that all concrete curb is the ribbon type curb except at the drive in front of the Juvenile Justice Center.
33. The GMP is based on all spoils or excess excavations to be lost on site in the form of landscape berms or features.
34. Our GMP excludes bullet resistant glass in hollow metal frames at the Security Desk.
35. Our GMP excludes high impact glazing.
36. Our GMP includes an allowance of \$175,000 dollars for all irrigation and landscaping.
37. Our GMP is based on all carpeting being furnished and installed at \$25/SYD.
38. Our GMP is based on 15" wide three tier metal lockers based on manufacturers' standard colors.
39. Our GMP excludes termite treatment.
40. Our GMP includes a \$50,000 dollar allowance for Verizon conduit infrastructure to the building.
41. Our GMP includes \$15/SF furnished and installed for tile at the main entry lobby.
42. Our GMP is based on the ornamental fencing being provided as the attached product data.
43. Our GMP excludes mail box and mail box accessories.

Wilco Schedule of Values - Contractor's Estimate Continuation Sheet

Parsons Project No. 446431							Project Address: 2001 SE Inner Loop Georgetown TX 78626									
Project Name: Williamson County Emergency Services Operations Center							Application For Payment Number: 0									
Construction Manager Name: Vaughn Construction							Application Period: From January 1, 2012 To January 31, 2012									
A	B			C		D	E	F	G	H	I	J	K	L	M	N
Spec. Section / Bid Package	Description of Work / Subcontractor / Supplier / Vendor / Specification Section			Initial Proposed Line Item Values	Additional Services / GMP Change Order Values	Actual Subcontract Amount at Buyout	Delta (Proposed to Actual)	Subcontract, Purchase Order or Vendor No.	Detailed Breakdown of Contract Line Items	Total Amount Previously Requested & Percent		Current Application				Retainage (5%)
												Total Amount This Period & Percent		Total Amount Completed To Date & Percent		
Column Equations				C'	C - D	D'	L'	H / G	L - H	J / G	H + J	L / G	L x 5%			

19	Construction Services																				
20	General Conditions																				
21	On-Site Project Management Staff																				
22	Project Manager - 1 - Doug Boram		\$	131,544		\$	131,544	\$	-	N/A	\$	131,544		0%		0%	\$	-	0%	\$	-
23	Superintendent - 1 - Stuart Baker		\$	159,500		\$	159,500	\$	-		\$	159,500		0%		0%	\$	-	0%	\$	-
24	Project Engineer - 2 - Colby Hilton		\$	75,400		\$	75,400	\$	-		\$	75,400		0%		0%	\$	-	0%	\$	-
25	QA/QC - Andy Watson		\$	85,000		\$	85,000	\$	-		\$	85,000		0%		0%	\$	-	0%	\$	-
26	Bonds, Permit, Insurance, Misc. Fees													0%		0%	\$	-	0%	\$	-
27	Builder's Risk Insurance - ON ccl		\$	14,500		\$	14,500	\$	-	N/A	\$	14,500		0%		0%	\$	-	0%	\$	-
28	Umbrella Insurance - ON ccl		\$	9,500		\$	9,500	\$	-		\$	9,500		0%		0%	\$	-	0%	\$	-
29	General Liability Insurance - ON ccl		\$	22,000		\$	22,000	\$	-		\$	22,000		0%		0%	\$	-	0%	\$	-
30	Payment and Performance Bonds - ON ccl		\$	107,155		\$	107,155	\$	-		\$	107,155		0%		0%	\$	-	0%	\$	-
31	Professional/Pollution		\$	8,000		\$	8,000	\$	-		\$	8,000		0%		0%	\$	-	0%	\$	-
32	Auto Insurance		\$	2,800		\$	2,800	\$	-	N/A	\$	2,800		0%		0%	\$	-	0%	\$	-
33	Owner's Protective Insurance		\$	10,568		\$	10,568	\$	-		\$	10,568		0%		0%	\$	-	0%	\$	-
34	Temporary Project Utilities												0%		0%	\$	-	0%	\$	-	
35	Temporary Telephone System Installation		\$	2,500		\$	2,500	\$	-	N/A	\$	2,500		0%		0%	\$	-	0%	\$	-
36	Monthly Telephone Cost		\$	3,375		\$	3,375	\$	-		\$	3,375		0%		0%	\$	-	0%	\$	-
37	Temporary Toilets		\$	7,425		\$	7,425	\$	-		\$	7,425		0%		0%	\$	-	0%	\$	-
38	Field Offices and Office Supplies								\$	-			0%		0%	\$	-	0%	\$	-	
39	Job Photos/Videos		\$	2,363		\$	2,363	\$	-	N/A	\$	2,363		0%		0%	\$	-	0%	\$	-
40	Project Specific Signage		\$	1,000		\$	1,000	\$	-		\$	1,000		0%		0%	\$	-	0%	\$	-
41	Postage/Special Shipping		\$	5,400		\$	5,400	\$	-		\$	5,400		0%		0%	\$	-	0%	\$	-
42	Project/As Built Drawings		\$	500		\$	500	\$	-		\$	500		0%		0%	\$	-	0%	\$	-
43	Project Milestone Events		\$	1,250		\$	1,250	\$	-		\$	1,250		0%		0%	\$	-	0%	\$	-
44	Move-In/Out and Office Set up		\$	4,410		\$	4,410	\$	-		\$	4,410		0%		0%	\$	-	0%	\$	-
45	Storage Trailers		\$	2,025		\$	2,025	\$	-		\$	2,025		0%		0%	\$	-	0%	\$	-
46	Monthly Office Trailer Rental Cost		\$	6,750		\$	6,750	\$	-		\$	6,750		0%		0%	\$	-	0%	\$	-
47	First Aid Supplies		\$	3,375		\$	3,375	\$	-		\$	3,375		0%		0%	\$	-	0%	\$	-
48	Monthly Office Supplies		\$	5,400		\$	5,400	\$	-		\$	5,400		0%		0%	\$	-	0%	\$	-
49	Project Reference Manuals		\$	1,000		\$	1,000	\$	-		\$	1,000		0%		0%	\$	-	0%	\$	-
50	Safety Recognition Awards		\$	1,350		\$	1,350	\$	-		\$	1,350		0%		0%	\$	-	0%	\$	-
51	Safety Material and Equipment		\$	2,977		\$	2,977	\$	-		\$	2,977		0%		0%	\$	-	0%	\$	-
52	Drinking Water and Accessories		\$	2,387		\$	2,387	\$	-		\$	2,387		0%		0%	\$	-	0%	\$	-
53	Office Clean-Up/Janitorial Services		\$	3,493		\$	3,494	\$	(1)		\$	3,495		0%		0%	\$	-	0%	\$	-
54								\$	-	\$	-		0%		0%	\$	-	0%	\$	-	
55								\$	-	\$	-		0%		0%	\$	-	0%	\$	-	
56								\$	-	\$	-		0%		0%	\$	-	0%	\$	-	
57								\$	-	\$	-		0%		0%	\$	-	0%	\$	-	
58	General Conditions Subtotal			\$	682,947	\$	-	\$	682,948	\$	(1)	\$	682,947	\$	-	0%	\$	-	0%	\$	-
59																					
60	Cost of the Work																				
61																					
62	01.01	** OTHER GENERAL REQUIREMENTS	\$	96,301			\$	96,301						0%		0%	\$	-	0%	\$	-
63	01.07	** OWNER BETTERMENT	\$	250,000			\$	250,000						0%		0%	\$	-	0%	\$	-
64	01.68	** TESTING/CONSULTING	\$	-			\$	-						0%		0%	\$	-	0%	\$	-
65	01.72	** LAYOUT - SITE COSTS	\$	39,130			\$	39,130						0%		0%	\$	-	0%	\$	-
66	01.72	** LAYOUT - BUILDING COSTS	\$	51,724			\$	51,724						0%		0%	\$	-	0%	\$	-
67	01.74	** CLEAN UP - BUILDING COSTS	\$	20,173			\$	20,173						0%		0%	\$	-	0%	\$	-
68	01.74	** CLEAN UP - SITE COSTS	\$	42,326			\$	42,326						0%		0%	\$	-	0%	\$	-
69	02.02	** MISC. EARTHWORK - SITE COSTS	\$	2,656			\$	2,656						0%		0%	\$	-	0%	\$	-

Spec. Section / Bid Package	A	B	C		D	E	F	G	H	I	J	K	L	M	N
	Description of Work / Subcontractor / Supplier / Vendor / Specification Section	Initial Proposed Line Item Values	Additional Services / GMP Change Order Values	Actual Subcontract Amount at Buyout	Delta (Proposed to Actual)	Subcontract, Purchase Order or Vendor No.	Detailed Breakdown of Contract Line Items	Total Amount Previously Requested & Percent	Current Application			Retainage (5%)			
									Total Amount This Period & Percent	Total Amount Completed To Date & Percent					
Column Equations					C'	C - D		D'	L'	H / G	L - H	J / G	H + J	L / G	L x 5%
70	02.02	** MISC. EARTHWORK - BUILDING COSTS	\$ 40,759			\$ 40,759				0%		0%	\$ -	0%	\$ -
71	02.03	** EARTHWORK - SITE COSTS	\$ 266,888			\$ 266,888				0%		0%	\$ -	0%	\$ -
72	02.04	** ASPHALT - SITE COSTS	\$ 286,361			\$ 286,361				0%		0%	\$ -	0%	\$ -
73	02.05	** DRILLED PIERS/PILINGS - SITE COSTS	\$ 31,380			\$ 31,380				0%		0%	\$ -	0%	\$ -
74	02.05	** DRILLED PIERS/PILINGS - BUILDING COSTS	\$ 31,730			\$ 31,730				0%		0%	\$ -	0%	\$ -
75	02.06	** SOIL TREATMENT	\$ -			\$ -				0%		0%	\$ -	0%	\$ -
76	02.07	** EROSION CONTROLS - SITE COSTS	\$ 31,049			\$ 31,049				0%		0%	\$ -	0%	\$ -
77	02.08	** SITE UTILITIES - SITE COSTS	\$ 543,569			\$ 543,569				0%		0%	\$ -	0%	\$ -
78	02.09	** SITE CONCRETE - SITE COSTS	\$ 230,191			\$ 230,191				0%		0%	\$ -	0%	\$ -
79	02.12	** FENCES & GATES- SITE COSTS	\$ 155,174			\$ 155,174				0%		0%	\$ -	0%	\$ -
80	02.15	** LANDSCAPE & IRRIGATION - SITE COSTS	\$ 175,000			\$ 175,000				0%		0%	\$ -	0%	\$ -
81	02.16	** STRIPING & SIGNS - SITE COSTS	\$ 28,958			\$ 28,958				0%		0%	\$ -	0%	\$ -
82	02.17	** SITE FURNISHINGS - SITE COSTS	\$ -			\$ -				0%		0%	\$ -	0%	\$ -
83	02.18	** SUBDRAINAGE PIPING - BUILDING COSTS	\$ 5,887			\$ 5,887				0%		0%	\$ -	0%	\$ -
84	02.22	** RETAINING WALL - SITE COSTS	\$ 117,030			\$ 117,030				0%		0%	\$ -	0%	\$ -
85	03.01	** CONCRETE PURCHASE - SITE COSTS	\$ 12,893			\$ 12,893				0%		0%	\$ -	0%	\$ -
86	03.01	** CONCRETE PURCHASE - BUILDING COSTS	\$ 146,883			\$ 146,883				0%		0%	\$ -	0%	\$ -
87	03.02	** CONCRETE PLACE & FINISH - BUILDING	\$ 36,658			\$ 36,658				0%		0%	\$ -	0%	\$ -
88	03.03	** CONCRETE PUMPING - BUILDING COSTS	\$ 13,808			\$ 13,808				0%		0%	\$ -	0%	\$ -
89	03.04	** CONCRETE FORMWORK - BUILDING	\$ 18,458			\$ 18,458				0%		0%	\$ -	0%	\$ -
90	03.05	** CONCRETE ACCESSORIES - BUILDING	\$ 42,942			\$ 42,942				0%		0%	\$ -	0%	\$ -
91	03.06	** REINFORCING STEEL - BUILDING COSTS	\$ 97,550			\$ 97,550				0%		0%	\$ -	0%	\$ -
92	03.08	** REINFORCING INSTALLATION - BUILDING	\$ 26,757			\$ 26,757				0%		0%	\$ -	0%	\$ -
93	03.10	** STRUCTURAL PRECAST - BUILDING COSTS	\$ 471,053			\$ 471,053				0%		0%	\$ -	0%	\$ -
94	03.12	** PRECAST ERECTION - BUILDING COSTS	\$ 84,896			\$ 84,896				0%		0%	\$ -	0%	\$ -
95	03.05	** TOPPING/UNDERLAYMENT/FLOOR P -	\$ 7,759			\$ 7,759				0%		0%	\$ -	0%	\$ -
96	04.01	** MASONRY - BUILDING COSTS	\$ 293,876			\$ 293,876				0%		0%	\$ -	0%	\$ -
97	04.01	** MASONRY - SITE COSTS	\$ 3,254			\$ 3,254				0%		0%	\$ -	0%	\$ -
98	05.01	** STEEL FABRICATION - BUILDING COSTS	\$ 450,600			\$ 450,600				0%		0%	\$ -	0%	\$ -
99	05.02	** STEEL ERECTION - BUILDING COSTS	\$ 103,105			\$ 103,105				0%		0%	\$ -	0%	\$ -
100	06.02	** ARCHITECTURAL WOODWORK/MILLW -	\$ 66,998			\$ 66,998				0%		0%	\$ -	0%	\$ -
101	06.03	** SOLID SURFACE FABRICATIONS -	\$ 51,628			\$ 51,628				0%		0%	\$ -	0%	\$ -
102	06.06	** ROUGH CARPENTRY - BUILDING COSTS	\$ 9,404			\$ 9,404				0%		0%	\$ -	0%	\$ -
103	06.07	**FRP - BUILDING COSTS	\$ 640			\$ 640				0%		0%	\$ -	0%	\$ -
104	07.01	** WATERPROOF/DAMPPROOF/JOINT S -	\$ 162,861			\$ 162,861				0%		0%	\$ -	0%	\$ -
105	07.01	** WATERPROOF/DAMPPROOF/JOINT S - SITE	\$ 2,094			\$ 2,094				0%		0%	\$ -	0%	\$ -
106	07.02	** INSULATION - BUILDING COSTS	\$ 96,436			\$ 96,436				0%		0%	\$ -	0%	\$ -
107	07.03	** ROOFING - BUILDING COSTS	\$ 364,947			\$ 364,947				0%		0%	\$ -	0%	\$ -
108	07.07	** ROOF ACCESSORIES - BUILDING COSTS	\$ 1,124			\$ 1,124				0%		0%	\$ -	0%	\$ -
109	08.01	** HOLLOW METAL - BUILDING COSTS	\$ 31,222			\$ 31,222				0%		0%	\$ -	0%	\$ -
110	08.05	** PLASTIC LAMINATE DOORS - BUILDING	\$ 23,900			\$ 23,900				0%		0%	\$ -	0%	\$ -
111	08.10	** OVERHEAD DOORS/COILING GRILL -	\$ 3,210			\$ 3,210				0%		0%	\$ -	0%	\$ -
112	08.15	** AUTOMATIC DOORS - BUILDING COSTS	\$ 2,500			\$ 2,500				0%		0%	\$ -	0%	\$ -
113	08.28	** GLASS & GLAZING - BUILDING COSTS	\$ 80,882			\$ 80,882				0%		0%	\$ -	0%	\$ -
114	08.34	** FINISH HARDWARE - BUILDING COSTS	\$ 57,200			\$ 57,200				0%		0%	\$ -	0%	\$ -
115	08.38	** DOOR & HARDWARE INSTALLATION -	\$ 30,817			\$ 30,817				0%		0%	\$ -	0%	\$ -
116	09.01	** PLASTER - BUILDING COSTS	\$ 24,480			\$ 24,480				0%		0%	\$ -	0%	\$ -
117	09.02	** DRYWALL - BUILDING COSTS	\$ 392,864			\$ 392,864				0%		0%	\$ -	0%	\$ -
118	09.03	** TILE - BUILDING COSTS	\$ 66,788			\$ 66,788				0%		0%	\$ -	0%	\$ -
119	09.05	** ACOUSTICAL CEILING & WALL PA -	\$ 130,005			\$ 130,005				0%		0%	\$ -	0%	\$ -
120	09.07	** CARPET, VINYL FLOORING, & BA -	\$ 88,054			\$ 88,054				0%		0%	\$ -	0%	\$ -
121	09.11	** SPORTS COURT FLOORING - BUILDING	\$ 10,358			\$ 10,358				0%		0%	\$ -	0%	\$ -
122	09.12	** PAINTING - BUILDING COSTS	\$ 81,833			\$ 81,833				0%		0%	\$ -	0%	\$ -
123	09.16	** CONCRETE SEALER - BUILDING COSTS	\$ 1,744			\$ 1,744				0%		0%	\$ -	0%	\$ -
124	10.01	** VISUAL DISPLAY BOARDS - BUILDING	\$ 20,643			\$ 20,643				0%		0%	\$ -	0%	\$ -

A		B		C		D	E	F	G	H	I	J	K	L	M	N	
Spec. Section / Bid Package	Description of Work / Subcontractor / Supplier / Vendor / Specification Section		Initial Proposed Line Item Values	Additional Services / GMP Change Order Values	Actual Subcontract Amount at Buyout	Delta (Proposed to Actual)	Subcontract, Purchase Order or Vendor No.	Detailed Breakdown of Contract Line Items	Total Amount Previously Requested & Percent	Current Application				Retainage (5%)			
										Total Amount This Period & Percent		Total Amount Completed To Date & Percent					
Column Equations					C'	C - D		D'	L'	H / G	L - H	J / G	H + J	L / G	L x 5%		
125	10.02	** PROJECTION SCREENS - BUILDING COSTS	\$ 12,827			\$ 12,827					0%		0%	\$ -	0%	\$ -	
126	10.03	**TOILET COMPARTMENTS - BUILDING	\$ 16,461			\$ 16,461					0%		0%	\$ -	0%	\$ -	
127	10.05	** WALL PROTECTION - BUILDING COSTS	\$ 11,173			\$ 11,173					0%		0%	\$ -	0%	\$ -	
128	10.06	** ACCESS FLOORING - BUILDING COSTS	\$ 81,041			\$ 81,041					0%		0%	\$ -	0%	\$ -	
129	10.07	** FLAGPOLES - SITE COSTS	\$ 9,020			\$ 9,020					0%		0%	\$ -	0%	\$ -	
130	10.08	** SIGNAGE - BUILDING COSTS	\$ 32,180			\$ 32,180					0%		0%	\$ -	0%	\$ -	
131	10.09	** LOCKERS - BUILDING COSTS	\$ 12,000			\$ 12,000					0%		0%	\$ -	0%	\$ -	
132	10.10	** FIRE PROTECTION SPECIALTIES - BUILDING	\$ 4,356			\$ 4,356					0%		0%	\$ -	0%	\$ -	
133	10.11	** ALUMINUM COVERS & AWNINGS -	\$ 16,459			\$ 16,459					0%		0%	\$ -	0%	\$ -	
134	10.12	** POSTAL SPECIALTIES	\$ -			\$ -					0%		0%	\$ -	0%	\$ -	
135	10.13	** WIRE MESH PARTITIONS	\$ -			\$ -					0%		0%	\$ -	0%	\$ -	
136	10.16	** STORAGE SHELVEING	\$ -			\$ -					0%		0%	\$ -	0%	\$ -	
137	10.17	** TOILET ACCESSORIES - BUILDING COSTS	\$ 17,024			\$ 17,024					0%		0%	\$ -	0%	\$ -	
138	11.04	** AUDIO VISUAL EQUIPMENT	\$ -			\$ -					0%		0%	\$ -	0%	\$ -	
139	11.08	** RESIDENTIAL APPLIANCES - BUILDING	\$ 10,774			\$ 10,774					0%		0%	\$ -	0%	\$ -	
140	12.05	** BLINDS AND SHADES - BUILDING COSTS	\$ 2,195			\$ 2,195					0%		0%	\$ -	0%	\$ -	
141	12.09	** CURTAINS AND DRAPES - BUILDING COSTS	\$ 12,600			\$ 12,600					0%		0%	\$ -	0%	\$ -	
142	15.01	** PLUMBING - BUILDING COSTS	\$ 477,353			\$ 477,353					0%		0%	\$ -	0%	\$ -	
143	15.02	** HVAC - BUILDING COSTS	\$ 1,320,296			\$ 1,320,296					0%		0%	\$ -	0%	\$ -	
144	15.03	** FIRE PROTECTION - BUILDING COSTS	\$ 164,000			\$ 164,000					0%		0%	\$ -	0%	\$ -	
145	16.01	** ELECTRICAL - BUILDING COSTS	\$ 2,018,245			\$ 2,018,245					0%		0%	\$ -	0%	\$ -	
146	16.01	** ELECTRICAL - SITE COSTS	\$ 412,110			\$ 412,110					0%		0%	\$ -	0%	\$ -	
147	16.04	** TELECOM/DATA	\$ -			\$ -					0%		0%	\$ -	0%	\$ -	
148	17.06	** SECURITY - BUILDING COSTS	\$ 112,000			\$ 112,000					0%		0%	\$ -	0%	\$ -	
149						\$ -					0%		0%	\$ -	0%	\$ -	
150						\$ -					0%		0%	\$ -	0%	\$ -	
151						\$ -					0%		0%	\$ -	0%	\$ -	
152						\$ -					0%		0%	\$ -	0%	\$ -	
153	Cost of Work Subtotal		\$ 10,801,524	\$ -	#REF!	\$ 10,801,524		\$ -	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	\$ -	
154																	
155	CM Contingency																
156	Original Amount		\$ 492,568		\$ 492,568	\$ -	N/A										
157						\$ -											
158						\$ -											
159						\$ -											
160	CM Contingency Subtotal		\$ 492,568	\$ -	\$ 492,568	\$ -											
161																	
162	Construction Phase Fee																
163	Original Amount		\$ 320,169		\$ 320,169	\$ -	N/A	\$ 320,169	\$ -	0%		0%	\$ -	0%	\$ -	\$ -	
164						\$ -		\$ -	\$ -	0%		0%	\$ -	0%	\$ -	\$ -	\$ -
165						\$ -		\$ -		0%		0%	\$ -	0%	\$ -	\$ -	\$ -
166						\$ -		\$ -		0%		0%	\$ -	0%	\$ -	\$ -	\$ -
167						\$ -		\$ -		0%		0%	\$ -	0%	\$ -	\$ -	\$ -
168	Construction Phase Fee Subtotal		\$ 320,169	\$ -	\$ 320,169	\$ -		\$ 320,169	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	\$ -	
169																	
170	Owner's Special Cash Allowance																
171	Original Amount - ** See Item 63**		\$ -			\$ -	N/A										
172						\$ -											
173						\$ -											
174	Owner's Special Cash Allowance Subtotal		\$ -	\$ -	\$ -	\$ -											
175																	
176	Owner's Construction Contingency																
177	Original Amount		\$ -			\$ -	N/A										
178						\$ -											
179						\$ -											

A	B		C		D	E	F	G	H	I	J	K	L	M	N
Spec. Section / Bid Package	Description of Work / Subcontractor / Supplier / Vendor / Specification Section	Initial Proposed Line Item Values	Additional Services / GMP Change Order Values	Actual Subcontract Amount at Buyout	Delta (Proposed to Actual)	Subcontract, Purchase Order or Vendor No.	Detailed Breakdown of Contract Line Items	Total Amount Previously Requested & Percent	Current Application		Total Amount This Period & Percent	Total Amount Completed To Date & Percent	Retainage (5%)		
Column Equations				C'	C - D		D'	L'	H / G	L - H	J / G	H + J	L / G	L x 5%	
180					\$ -										
181															
182	Owner's Construction Contingency Subtotal	\$ -	\$ -	\$ -	\$ -										
183															
184	Construction Services (GMP) Subtotal	\$ 12,297,208	\$ -	#REF!	\$ 10,801,523		\$ 1,003,116	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	
185															
186	Contract Total	\$ 12,297,208	\$ -	#REF!	\$ 10,801,523		\$ 1,020,116	\$ -	0%	\$ -	0%	\$ -	0%	\$ -	
187															
188															
189															
190															
191															
192															
193															
194															
195															
196															
197															

Release of Retainage			
Initiated By RCM / CI	Total Retainage Scheduled To Be Withheld (5% x Column L)		\$ -
	Date of Release	General Description of Scope Associated With Release of Retainage	Amount
			\$ -
			\$ -
			\$ -
			\$ -
Total Retainage Held To Date			\$ -

Williamson County ESOC - GMP

Georgetown, Texas

11/2/2011

Prepared By:

Vaughn Construction

Stephen N. Skabla Jr.

1 Total Cost of Work - See Attached Detail		\$ 10,801,524
General Conditions Cost of Work		\$ 669,579
Umbrella and GL		In GC's
Auto Insurance		\$ 2,800
Builder's Risk Insurance		In GC's
Special Insurance - Terrorism		Not Included
Owner's Protective Insurance		\$ 10,568
GC Bond		In GC's
2 Total General Conditions Cost		\$ 682,947
3 CM Contingency	4.00%	\$ 492,568
4 Construction Phase Fee	2.60%	\$ 320,169
5 Owner's Special Cash Allowance		\$ -
See Cost of Work ** Owner's Betterment		
6 Owner's Construction Contingency	0.00%	\$ -
Total		\$ 12,297,208

* Please see attached clarifications, qualifications, and exclusions to the Estimate.

Williamson County ESOC - GMP

Loc: Georgetown, Texas

Est Date: 11/02/2011

Project Size: 30484 sqft

Estimator: Stephen N. Skabla Jr.

Type:

Cost of Work Summary

Description	Quantity	UM	Tot.UnitCost	TotalCost
SITE COSTS				
01.72 - LAYOUT				
Layout				
FIELD ENGINEER	12.00	WK	2,565.73	30,789
RODMAN	12.00	WK	554.69	6,656
LEVEL	3.00	MO	120.00	360
TRANSIT	3.00	MO	275.00	825
STAKES, FLAGGING, PAINT	1.00	LS	500.00	500
*** Total Layout				39,130
** Total 01.72 - LAYOUT				39,130
01.74 - CLEAN UP				
Project Cleaning				
CLEAN TRUCKS & STREETS	26.00	WK	1,046.35	27,205
FINAL CLEAN-UP - SITE PAVING	110,700.00	SF	0.05	5,535
FINAL CLEAN-UP - SITE	506,816.00	SF	0.02	9,586
*** Total Project Cleaning				42,326
** Total 01.74 - CLEAN UP				42,326
02.02 - MISC. EARTHWORK				
Haul Off Waste Materials				
REMOVE DRILL PIER WASTE	284.00	TCY	8.75	2,486
*** Total Haul Off Waste Materials				2,486
Site Concrete Elements				
FINE GRADE SITE FOUNDATION BOTTOMS - RETAINING WALL	888.00	SF	0.19	170
*** Total Site Concrete Elements				170
** Total 02.02 - MISC. EARTHWORK				2,656
02.03 - EARTHWORK				
Clearing				
CLEARING	11.50	ACRE	3,500.00	40,250
*** Total Clearing				40,250
Stripping				
STRIPPING	13,281.00	TCY	0.66	8,774
HAUL OFF STRIPPING MATERIALS	13,128.00	TCY	12.50	164,100
*** Total Stripping				172,874
Paving Cut/Fill				
EXPORT MATERIALS - LOSE ON SITE AND USE AT REGRADING	18,069.00	TCY	3.50	63,242
LOSE EXCAVATIONS ON SITE	1.00	LS	-55,000.00	-55,000
CUT/FILL	18,609.00	TCY	0.55	10,182
*** Total Paving Cut/Fill				18,424
Base Materials				
BLUE TOP / CUT TO GRADE	506,816.00	SF	0.05	25,867
REGRADING AT RETAINING WALL	1.00	LS	9,472.39	9,472
*** Total Base Materials				35,340
** Total 02.03 - EARTHWORK				266,888
02.04 - ASPHALT				
Subcontractor				
ASPHALT SUB BID	1.00	LS		
*** Total Subcontractor				
Base Materials				

Williamson County ESOC - GMP

Loc: Georgetown, Texas

Est Date: 11/02/2011

Project Size: 30484 sqft

Estimator: Stephen N. Skabla Jr.

Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
BLUE TOP/CUT TO GRADE	110,700.00 SF	0.05	5,723	
*** Total Base Materials			5,723	
Asphalt Paving				
PRIME BASE	110,700.00 SF	0.09	9,963	
ASPHALT PAVING - TYPE D - 2"	28,800.00 SF	2.09	60,192	
ASPHALT PAVING - TYPE D - 3"	81,900.00 SF	2.57	210,483	
*** Total Asphalt Paving			280,638	
** Total 02.04 - ASPHALT			286,361	
02.05 - DRILLED PIERS/PILINGS				
Drilled Straight Shaft Piers				
***STRAIGHT SHAFT - 30" *** - CHILLER FOUNDATION - SITE	10.00 EA			
***STRAIGHT SHAFT - 30" *** - LIGHT POLE BASES- SITE	35.00 EA			
***STRAIGHT SHAFT - 30" *** - WATER TANK FOUNDATION - SITE	9.00 EA			
***STRAIGHT SHAFT - 30" *** - GENERATOR PAD - SITE	8.00 EA			
***STRAIGHT SHAFT - 30" *** - TRANSFORMER PAD - SITE	4.00 EA			
DRILLED STRAIGHT SHAFTS - SITE	555.00 CY	50.00	27,750	
TRANSPORT CAGES TO PIER LOCATION - SITE	66.00 EA	25.00	1,650	
REBAR CAGE SET BY SUBCONTRACTOR - SITE	66.00 EA	30.00	1,980	
*** Total Drilled Straight Shaft Piers			31,380	
** Total 02.05 - DRILLED PIERS/PILINGS			31,380	
02.07 - EROSION CONTROLS				
Subcontractor				
EROSION CONTROL SUB BID	1.00 LS			
*** Total Subcontractor				
Construction Entrances				
CONSTRUCTION ENTRANCES	1.00 EA	5,200.00	5,200	
EXCAVATE FOR CONSTRUCTION ENTRANCE	1.00 EA	570.22	570	
*** Total Construction Entrances			5,770	
Concrete Washout				
CONCRETE WASH OUT AREA	1.00 EA	3,400.00	3,400	
HAUL OFF CONCRETE WASH OUT SPOILS (CONCRETE TOTAL YARDS)	200.00 CY	12.99	2,598	
*** Total Concrete Washout			5,998	
Silt Fencing				
SILT FENCING	3,686.00 LF	3.24	11,951	
*** Total Silt Fencing			11,951	
Inlet Protection				
INLET PROTECTION BARRIERS	10.00 EA	70.06	701	
ROCK BERMS	233.00 LF	14.35	3,344	
*** Total Inlet Protection			4,045	
Maintenance of SWPPP				
STORM WATER POLLUTION MAINTENANCE	13.00 MO	252.74	3,286	
*** Total Maintenance of SWPPP			3,286	
** Total 02.07 - EROSION CONTROLS			31,049	
02.08 - SITE UTILITIES				
Subcontractor				
SITE UTILITY SUB BID	1.00 LS			

Williamson County ESOC - GMP

Loc: Georgetown, Texas
Project Size: 30484 sqft
Type:

Est Date: 11/02/2011
Estimator: Stephen N. Skabla Jr.

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
*** Total Subcontractor				
Water Piping				
WATER LINE - 4"	107.00 LF	18.75	2,006	
WATER LINE - 8"	1,864.00 LF	38.77	72,267	
WATER LINE - 12"	1,634.00 LF	44.22	72,255	
INSTALL WATER LINE PIPE - 12"	1,634.00 LF	17.55	28,675	
INSTALL WATER LINE PIPE - 4"	107.00 LF	13.86	1,483	
INSTALL WATER LINE PIPE - 8"	1,864.00 LF	15.59	29,056	
BACKFILL	3,739.00 TCY	10.00	37,390	
*** Total Water Piping			243,133	
Water Distribution Equipment				
GATE VALVE & BOX - 4"	1.00 EA	450.00	450	
GATE VALVE & BOX - 6"	6.00 EA	700.00	4,200	
GATE VALVE & BOX - 8"	14.00 EA	1,200.00	16,800	
GATE VALVE - 12"	3.00 EA	1,550.00	4,650	
TAPPING SLEEVE AND VALVE - 12"	1.00 EA	1,700.00	1,700	
REDUCED PRESSURE BACKFLOW PREVENTER	1.00 EA	15,000.00	15,000	
*** Total Water Distribution Equipment			42,800	
Fire Line Piping				
WATER LINE - 6"	55.00 LF	40.00	2,200	
BACKFILL	46.00 TCY	10.00	460	
*** Total Fire Line Piping			2,660	
Fire Line Equipment				
GATE VALVE & BOX - 6"	4.00 EA	700.00	2,800	
FIRE HYDRANT	4.00 EA	1,500.00	6,000	
*** Total Fire Line Equipment			8,800	
Sanitary Piping				
PVC - 6"	724.00 LF	12.75	9,231	
BACKFILL	901.00 TCY	10.00	9,010	
8" WASTE WATER CLEAN OUT	9.00 EA	1,000.00	9,000	
*** Total Sanitary Piping			27,241	
Storm Drainage Piping				
PVC - 8"	1,102.00 LF	3.92	4,320	
PVC - 8" AT POND	41.00 LF	5.56	228	
BACKFILL	2,982.00 TCY	10.00	29,820	
12" STORM	488.00 LF	16.24	7,925	
18" STORM	508.00 LF	22.01	11,180	
24" STORM	202.00 LF	29.68	5,995	
RCP - 36"	410.00 LF	50.00	20,500	
RCP - 48"	55.00 LF	112.00	6,160	
INSTALL STORM PIPE < 24"	2,139.00 LF	9.60	20,537	
INSTALL STORM PIPE 24" - 42"	410.00 LF	6.93	2,840	
INSTALL STORM PIPE > 42"	55.00 LF	12.50	687	
STONE OPEN GRADE ROCK	44.00 TONS	16.00	704	
*** Total Storm Drainage Piping			110,897	
Storm Inlets and Manholes				
AREA INLET	10.00 EA	750.00	7,500	
AREA INLET - 4'X4'	1.00 EA	2,700.00	2,700	
6' X 6' POND CLEAN OUT	2.00 EA	475.00	950	
5' X 5' POND CLEAN OUT	1.00 EA	350.00	350	
*** Total Storm Inlets and Manholes			11,500	
Storm Drainage Structures				
SLOPED HEADWALL AT 36" RCP	2.00 EA	5,703.28	11,407	

Williamson County ESOC - GMP

Loc: Georgetown, Texas

Est Date: 11/02/2011

Project Size: 30484 sqft

Estimator: Stephen N. Skabla Jr.

Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
SLOPED HEADWALL AT STORM DRAIN	2.00 EA	5,703.28	11,407	
STORM HEADWALL WITH ENERGY DISSIPATORS	1.00 EA	6,528.15	6,528	
*** Total Storm Drainage Structures			29,341	
Misc Utilities				
HAUL STORM SPOILS	2,982.00 TCY	8.75	26,101	
HAUL SANITARY SPOILS	901.00 TCY	8.75	7,886	
HAUL WATER SPOILS	3,739.00 TCY	8.75	32,727	
HAUL FIRE SPOILS	55.00 TCY	8.75	481	
*** Total Misc Utilities			67,197	
** Total 02.08 - SITE UTILITIES			543,569	
02.09 - SITE CONCRETE				
Concrete Curing				
CONCRETE CURING - COMPOUND - 3' CONCRETE FLUME	2,174.00 SF	0.06	139	
CONCRETE CURING - COMPOUND - CHILLER PAD	414.00 SF	0.06	26	
CONCRETE CURING - COMPOUND - DUMPSTER PAD	404.00 SF	0.06	26	
CONCRETE CURING - COMPOUND - GENERATOR PAD	760.00 SF	0.06	48	
CONCRETE CURING - COMPOUND - TRANSFORMER PAD	121.00 SF	0.06	8	
CONCRETE CURING - COMPOUND - WATER TANK PAD	414.00 SF	0.03	14	
*** Total Concrete Curing			261	
Site Concrete Elements				
FORM SITE FOUNDATIONS - 3' CONCRETE FLUME	1,367.00 SF	5.06	6,922	
FORM SITE FOUNDATIONS - 6' CONCRETE CHANNEL	1,498.00 SF	5.06	7,586	
FORM SITE FOUNDATIONS - CHILLER PAD	186.00 SF	5.06	942	
FORM SITE FOUNDATIONS - DUMPSTER PAD	166.00 SF	5.06	841	
FORM SITE FOUNDATIONS - GENERATOR PAD	236.00 SF	5.06	1,195	
FORM SITE FOUNDATIONS - TRANSFORMER PAD	88.00 SF	5.06	446	
FORM SITE FOUNDATIONS - WATER TANK PAD	186.00 SF	5.06	942	
SITE FOUNDATIONS REBAR LABOR - CHILLER PAD	1.00 TON	274.51	275	
SITE FOUNDATIONS REBAR LABOR - DUMPSTER PAD	1.00 TON	274.51	275	
SITE FOUNDATIONS REBAR LABOR - GENERATOR PAD	2.00 TON	274.51	549	
SITE FOUNDATIONS REBAR LABOR - TRANSFORMER PAD	1.00 TON	274.51	275	
SITE FOUNDATIONS REBAR LABOR - WATER TANK PAD	1.00 TON	274.51	275	
WELDED WIRE MESH PURCHASE - 3' CONCRETE FLUME	24.00 SQS	30.00	720	
WELDED WIRE MESH PURCHASE - 6' CONCRETE CHANNEL	50.00 SQS	30.00	1,500	
SITE FOUNDATION REBAR PURCHASE - CHILLER PAD	1.00 TON	925.00	925	
SITE FOUNDATION REBAR PURCHASE - DUMPSTER PAD	1.00 TON	925.00	925	
SITE FOUNDATION REBAR PURCHASE - GENERATOR PAD	2.00 TON	925.00	1,850	
SITE FOUNDATION REBAR PURCHASE - TRANSFORMER PAD	1.00 TON	925.00	925	
SITE FOUNDATION REBAR PURCHASE - WATER TANK PAD	1.00 TON	925.00	925	
INSTALL WIRE MESH @ 3' CONCRETE FLUME	24.00 SQS	10.32	248	

Williamson County ESOC - GMP

Loc: Georgetown, Texas
Project Size: 30484 sqft
Type:

Est Date: 11/02/2011
Estimator: Stephen N. Skabla Jr.

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
INSTALL WIRE MESH @ 6' CONCRETE CHANNEL	50.00 SQS	10.32	516	
PLACE SITE FOUNDATIONS - 3' CONCRETE FLUME	72.00 CY	4.47	322	
PLACE SITE FOUNDATIONS - 6' CONCRETE CHANNEL	123.00 CY	4.47	550	
PLACE SITE FOUNDATIONS - CHILLER PAD	32.00 CY	4.47	143	
PLACE SITE FOUNDATIONS - DUMPSTER PAD	31.00 CY	4.47	139	
PLACE SITE FOUNDATIONS - GENERATOR PAD	59.00 CY	4.47	264	
PLACE SITE FOUNDATIONS - TRANSFORMER PAD	10.00 CY	4.47	45	
PLACE SITE FOUNDATIONS - WATER TANK PAD	32.00 CY	4.47	143	
SITE FOUNDATION CONCRETE PURCHASE - 3' CONCRETE FLUME	72.00 CY	67.50	4,860	
SITE FOUNDATION CONCRETE PURCHASE - 6' CONCRETE CHANNEL	123.00 CY	67.50	8,303	
SITE FOUNDATION CONCRETE PURCHASE - CHILLER PAD	32.00 CY	67.50	2,160	
SITE FOUNDATION CONCRETE PURCHASE - DUMPSTER PAD	31.00 CY	67.50	2,093	
SITE FOUNDATION CONCRETE PURCHASE - GENERATOR PAD	59.00 CY	67.50	3,983	
SITE FOUNDATION CONCRETE PURCHASE - TRANSFORMER PAD	10.00 CY	67.50	675	
SITE FOUNDATION CONCRETE PURCHASE - WATER TANK PAD	32.00 CY	67.50	2,160	
FINISH TOPS - SITE FOUNDATIONS - 3' CONCRETE FLUME	2,174.00 SF	0.17	374	
FINISH TOPS - SITE FOUNDATIONS - 6' CONCRETE CHANNEL	4,559.00 SF	0.17	784	
FINISH TOPS - SITE FOUNDATIONS - CHILLER PAD	414.00 SF	0.17	71	
FINISH TOPS - SITE FOUNDATIONS - DUMPSTER PAD	404.00 SF	0.17	69	
FINISH TOPS - SITE FOUNDATIONS - GENERATOR PAD	760.00 SF	0.17	131	
FINISH TOPS - SITE FOUNDATIONS - TRANSFORMER PAD	121.00 SF	0.17	21	
FINISH TOPS - SITE FOUNDATIONS - WATER TANK PAD	414.00 SF	0.17	71	
FINE GRADE SITE FOUNDATION BOTTOMS - CHILLER PAD	414.00 SF	0.19	79	
FINE GRADE SITE FOUNDATION BOTTOMS - CONCRETE CHANNEL	4,559.00 SF	0.19	871	
FINE GRADE SITE FOUNDATION BOTTOMS - CONCRETE FLUME	2,174.00 SF	0.19	416	
FINE GRADE SITE FOUNDATION BOTTOMS - DUMPSTER PAD	404.00 SF	0.19	77	
FINE GRADE SITE FOUNDATION BOTTOMS - GENERATOR PAD	760.00 SF	0.19	145	
FINE GRADE SITE FOUNDATION BOTTOMS - TRANSFORMER PAD	121.00 SF	0.19	23	
FINE GRADE SITE FOUNDATION BOTTOMS - WATER TANK PAD	414.00 SF	0.19	79	
ENVIRONMENTAL FEE	116.00 LOAD	10.00	1,160	
FUEL SERVICE CHARGE	116.00 LOAD	20.00	2,320	
*** Total Site Concrete Elements			61,586	
Sidewalks				
FINE GRADE WALKS - 2" SAND CUSHION	15,544.00 SF	0.38	5,856	
SIDEWALK EDGEFORM	4,411.00 LF	3.66	16,156	
SIDEWALK EXPANSION JOINT	1,432.00 LF	4.22	6,043	
SIDEWALK MESH LABOR	167.00 SQS	9.55	1,595	
PURCHASE SIDEWALK CONCRETE	242.00 CY	67.50	16,335	
PURCHASE SIDEWALK MESH	167.00 SQS	30.00	5,010	
SIDEWALK PLACE & FINISH ASSIST CREW	4.00 POUR	440.33	1,761	
SIDEWALK PLACE CONCRETE	242.00 CY	8.05	1,949	

Williamson County ESOC - GMP

Loc: Georgetown, Texas

Est Date: 11/02/2011

Project Size: 30484 sqft

Estimator: Stephen N. Skabla Jr.

Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
FINISH WALKS - BROOM	15,544.00 SF	0.24	3,707	
*** Total Sidewalks			58,412	
Curbing				
CURB FORM	4,382.00 LF	3.40	14,904	
CURB EXPANSION JOINT	125.00 EA	6.95	869	
CURB REBAR LABOR	4.00 TON	401.35	1,605	
PURCHASE CURB REBAR	4.00 TON	925.00	3,700	
PLACE CURB CONCRETE	134.00 CY	5.70	764	
PLACE/FINISH MONOLITHIC CURB	6,573.00 SF	4.77	31,352	
CURB CONCRETE PURCHASE	134.00 CY	67.50	9,045	
*** Total Curbing			62,240	
Pole Bases				
FORM POLE BASE	35.00 EA	136.69	4,784	
POLE BASES REBAR LABOR	21.00 TON	238.70	5,013	
POLE BASE REBAR PURCHASE	21.00 TON	925.00	19,425	
PLACE CONCRETE - POLE BASES	191.00 CY	11.41	2,179	
POLE BASE CONCRETE PURCHASE 3000 PSI	191.00 CY	67.50	12,893	
SET ANCHOR BOLTS @ POLE BASES	35.00 EA	39.81	1,393	
PREP BOLTS @ POLE BASES	35.00 EA	16.47	576	
FINISH TOPS - POLE BASES	35.00 EA	6.31	221	
GROUT POLE BASES	35.00 EA	21.31	746	
RUB FINISH POLE BASES	500.00 SF	0.73	363	
POLE BASE PIER SPACERS	200.00 EA	0.50	100	
*** Total Pole Bases			47,693	
** Total 02.09 - SITE CONCRETE			230,191	
02.12 - FENCES & GATES				
Chain Link Fences				
CHAIN LINK FENCE - 8' TALL	279.00 LF	16.50	4,604	
CHAIN LINK FENCE GATES - 4' WIDE	1.00 EA	300.00	300	
CHAIN LINK FENCE GATES - 8' WIDE	4.00 EA	550.00	2,200	
*** Total Chain Link Fences			7,104	
Motorized Gate				
TUBULAR PICKET FENCE - 6' TALL	2,277.00 LF	60.00	136,620	
MANUAL SLIDING GATE	1.00 EA	2,700.00	2,700	
MOTORIZED SLIDING GATE	1.00 EA	8,750.00	8,750	
*** Total Motorized Gate			148,070	
** Total 02.12 - FENCES & GATES			155,174	
02.15 - LANDSCAPE & IRRIGATION				
Subcontractor				
LANDSCAPING AND IRRIGATION ALLOWANCE	1.00 LS	175,000.00	175,000	
*** Total Subcontractor			175,000	
Trees				
INCLUDES USING EXISTING TOP SOIL FOR PLANTINGS	1.00 SCOPE			
*** Total Trees				
** Total 02.15 - LANDSCAPE & IRRIGATION			175,000	
02.16 - STRIPING & SIGNS				
Handicap Signs				
HC SIGNS WITH POSTS	10.00 EA	200.00	2,000	
*** Total Handicap Signs			2,000	
Traffic Signs				
STREET END BARRICADE - SHEET C-114	1.00 EA	2,500.00	2,500	

Williamson County ESOC - GMP

Loc: Georgetown, Texas

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Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
TRAFFIC SIGNS WITH POSTS	6.00 EA	200.00	1,200	
*** Total Traffic Signs			3,700	
Cleaning for Striping				
PRESSURE WASH PARKING LOT	110,700.00 SF	0.14	15,498	
*** Total Cleaning for Striping			15,498	
Striping				
CURB PAINTING AND FIRE LANE PAINTING	3,665.00 LF	1.00	3,665	
SPACES	171.00 EA	10.00	1,710	
HATCHINGS	5.00 EA	30.00	150	
*** Total Striping			5,525	
Emblems				
HANDICAP EMBLEMS	10.00 EA	75.00	750	
*** Total Emblems			750	
Lettering				
PARKING & ROAD LETTERING&WIDE STRIPS	12.00 EA	10.00	120	
*** Total Lettering			120	
Wheel Stops				
WHEEL STOPS	39.00 EA	35.00	1,365	
*** Total Wheel Stops			1,365	
** Total 02.16 - STRIPING & SIGNS			28,958	
02.17 - SITE FURNISHINGS				
Litter Receptacles				
LITTER RECEPTICLES - COUNTY TO PROVIDE	1.00 SCOPE			
*** Total Litter Receptacles				
** Total 02.17 - SITE FURNISHINGS				
02.22 - RETAINING WALL				
Subcontractor				
RETAINING WALL SUB BID	1.00 LS			
*** Total Subcontractor				
Misc Retaining Walls				
STONE RETAINING WALL AND FOUNDATION	1,992.00 SF	58.75	117,030	
*** Total Misc Retaining Walls			117,030	
** Total 02.22 - RETAINING WALL			117,030	
03.01 - CONCRETE PURCHASE				
Concrete - All PSI's				
DRILL PIER CONCRETE PURCHASE - SITE	191.00 CY	67.50	12,893	
*** Total Concrete - All PSI's			12,893	
** Total 03.01 - CONCRETE PURCHASE			12,893	
04.01 - MASONRY				
Concrete Masonry Units (CMU)				
SPLIT FACED CMU - 8" - DUMPSTER ENCLOSURE	290.00 SF	11.22	3,254	
*** Total Concrete Masonry Units (CMU)			3,254	
** Total 04.01 - MASONRY			3,254	
07.01 - WATERPROOF/DAMPPROOF/JOINT SEALANTS				
Site Joint Sealants				
JOINT SEALANTS @ EXPANSION JOINT @ SIDEWALKS	1,102.00 LF	1.90	2,094	

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Description	Quantity	UM	Tot.UnitCost	TotalCost
*** Total Site Joint Sealants				2,094
** Total 07.01 - WATERPROOF/DAMPPROOF/JOINT S				2,094
10.07 - FLAGPOLES				
Subcontractor				
FLAGPOLE SUB BID - MAKE ADD ALTERNATE	1.00	LS		
*** Total Subcontractor				
Flagpoles				
FLAGPOLE - 25' ALUMINUM	2.00	EA	2,010.00	4,020
FLAGPOLE - 30' ALUMINUM	2.00	EA	2,500.00	5,000
*** Total Flagpoles				9,020
Scope Items				
FOUNDATIONS INCLUDING EXCAVATION & CONCRETE TO 30' HIGH POLES	3.00	EA		
*** Total Scope Items				
** Total 10.07 - FLAGPOLES				9,020
16.01 - ELECTRICAL				
Site Electrical Ductbank				
CITY OF GEORGETOWN ELECTRICAL IMPACT	1.00	LS	60,000.00	60,000
ELECTRICAL DUCT BANK	380.00	LF	275.00	104,500
SITE TELECOMMUNICATIONS CONDUIT	1,500.00	LF	45.00	67,500
VERIZON CONDUIT ALLOWANCE	1.00	LS	50,000.00	50,000
HAUL OFF DUCT BANK SPOILS	158.00	TCY	10.00	1,580
*** Total Site Electrical Ductbank				283,580
Light Poles & Standards				
SITE LIGHT S4/P1	19.00	EA	2,500.00	47,500
SITE LIGHT S6/P1	10.00	EA	3,000.00	30,000
SITE LIGHT S7/P1	6.00	EA	3,200.00	19,200
*** Total Light Poles & Standards				96,700
Landscape Lighting				
SITE LIGHT S1	3.00	EA	455.00	1,365
SITE LIGHT S2	12.00	EA	1,100.00	13,200
SITE LIGHT S8	3.00	EA	455.00	1,365
CONDUIT AND WIRE FOR SITE LIGHT FIXTURES	53.00	EA	300.00	15,900
*** Total Landscape Lighting				31,830
** Total 16.01 - ELECTRICAL				412,110
* Total SITE COSTS				2,389,082

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Cost of Work Summary

Description	Quantity	UM	Tot.UnitCost	TotalCost
BUILDING COSTS				
01.01 - OTHER GENERAL REQUIREMENTS				
Temporary Utilities				
WATER BILL	13.00	MO	350.00	4,550
TEMP LIGHT POWER CONSUMPTION	13.50	MO	1,082.50	14,614
A/C POWER CONSUMPTION	5.00	MO	10,825.00	54,125
TEMPORARY ELECTRIC GENERATORS	2.00	MO	2,706.25	5,413
*** Total Temporary Utilities				78,701
Project Cleaning				
DUMPSTER	40.00	PULL	440.00	17,600
*** Total Project Cleaning				17,600
** Total 01.01 - OTHER GENERAL REQUIREMENTS				96,301
01.07 - OWNER BETTERMENT				
BETTERMENT FUNDS				
OWNER BETTERMENT	1.00	LS	250,000.00	250,000
*** Total BETTERMENT FUNDS				250,000
** Total 01.07 - OWNER BETTERMENT				250,000
01.68 - TESTING/CONSULTING				
Subcontractor				
TESTING LAB - BY OWNER	1.00	SCOPE		
*** Total Subcontractor				
** Total 01.68 - TESTING/CONSULTING				
01.72 - LAYOUT				
Layout				
FIELD ENGINEER	16.00	WK	2,565.73	41,052
RODMAN	16.00	WK	554.69	8,875
LEVEL	4.00	MO	120.00	480
TRANSIT	4.00	MO	275.00	1,100
STAKES, FLAGGING, PAINT	1.00	LS	217.00	217
*** Total Layout				51,724
** Total 01.72 - LAYOUT				51,724
01.74 - CLEAN UP				
Project Cleaning				
JOBSITE CLEAN-UP	58.00	WK	165.73	9,613
FINAL CLEAN-UP - FOR FURNITURE	30,484.00	SF	0.13	4,058
FINAL CLEAN-UP - SUB 1ST CLEAN	30,484.00	SF	0.20	6,097
FINAL CLEAN EXTERIOR WINDOWS	901.00	SF	0.45	405
*** Total Project Cleaning				20,173
** Total 01.74 - CLEAN UP				20,173
02.02 - MISC. EARTHWORK				
Subcontractor				
EARTHWORK SUB BID	1.00	LS		
*** Total Subcontractor				
Haul Off Waste Materials				
REMOVE PIER CAP WASTE	284.00	TCY	8.75	2,486
REMOVE DRILL PIER WASTE	756.00	TCY	8.75	6,617
*** Total Haul Off Waste Materials				9,103
Excavation Dewatering				
PUMP WATER	10.00	DAY	399.06	3,991
*** Total Excavation Dewatering				3,991

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
Base Materials for Structural Slabs on Grade				
4" WASHED STONE	522.00 CY	30.94	16,152	
*** Total Base Materials for Structural Slabs			16,152	
Fine Grading Slabs on Grade				
FINE GRADE CRAWL SPACE	30,484.00 SF	0.38	11,513	
*** Total Fine Grading Slabs on Grade			11,513	
** Total 02.02 - MISC. EARTHWORK			40,759	
02.05 - DRILLED PIERS/PILINGS				
Drilled Straight Shaft Piers				
***STRAIGHT SHAFT - 30" *** - BUILDING	86.00 EA			
DRILLED STRAIGHT SHAFTS - BUILDING	540.00 CY	50.00	27,000	
TRANSPORT CAGES TO PIER LOCATION - BUILDING	86.00 EA	25.00	2,150	
REBAR CAGE SET BY SUBCONTRACTOR - BUILDING	86.00 EA	30.00	2,580	
*** Total Drilled Straight Shaft Piers			31,730	
** Total 02.05 - DRILLED PIERS/PILINGS			31,730	
02.06 - SOIL TREATMENT				
Subcontractor				
TERMITE TREATMENT SUB BID	1.00 LS			
*** Total Subcontractor				
Termite Treatment				
TERMITE TREATMENT - DELETED FROM PROJECT	1.00 SCOPE			
*** Total Termite Treatment				
** Total 02.06 - SOIL TREATMENT				
02.18 - SUBDRAINAGE PIPING				
Subdrainage System				
4" ASTM 2729 PERFORATED PIPING	1,591.00 LF	2.83	4,498	
GRAVEL AROUND SUBDRAINAGE PIPING	45.00 TON	30.85	1,388	
*** Total Subdrainage System			5,887	
** Total 02.18 - SUBDRAINAGE PIPING			5,887	
03.01 - CONCRETE PURCHASE				
Vendor				
CONCRETE VENDOR BID	1.00 LS			
*** Total Vendor				
Concrete - All PSI's				
TOPPING CONCRETE PURCHASE - 2" STRUCTURAL TOPPING SLAB	200.00 CY	90.00	18,000	
TOPPING CONCRETE PURCHASE - LT. WT ON ROOF DECK	345.00 CY	90.00	31,050	
TOPPING CONCRETE PURCHASE - LT. WT TOPPING SLAB	345.00 CY	90.00	31,050	
DRILL PIER CONCRETE PURCHASE - BUILDING	540.00 CY	67.50	36,450	
PIER CAP CONCRETE PURCHASE	203.00 CY	67.50	13,703	
*** Total Concrete - All PSI's			130,253	
Miscellaneous Concrete Purchase				
ENVIRONMENTAL FEE	228.00 LOAD	10.00	2,280	
FUEL SERVICE CHARGE	228.00 LOAD	20.00	4,560	
ICE ADD (55LBS/CY@\$.20/LB)	890.00 CY	11.00	9,790	
*** Total Miscellaneous Concrete Purchase			16,630	
** Total 03.01 - CONCRETE PURCHASE			146,883	

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Cost of Work Summary

Description	Quantity	UM	Tot.UnitCost	TotalCost	
03.02 - CONCRETE PLACE & FINISH					
Subcontractor					
CONCRETE SUB BID	1.00	LS			
*** Total Subcontractor					
Pier Caps & Spot Footings					
PIER CAP DEPOSIT	203.00	CY	8.24	1,672	
PIER CAP FINISH TOP	2,085.00	SF	0.18	380	
*** Total Pier Caps & Spot Footings				2,053	
Subcontractor					
PLACE & FINISH SUB BID	1.00	LS			
*** Total Subcontractor					
Topping					
ROOF TOPPING PLACE - 31/2" LT. WT. SLAB	345.00	CY	5.06	1,747	
TOPPING PLACE - 2" STRUCTURAL SLAB	200.00	CY	5.06	1,013	
TOPPING PLACE - 31/2" LT. WT. SLAB	345.00	CY	5.06	1,747	
TOPPING PLACE & FINISH ASSIST CREW - 2" STRUCTURAL SLAB	3.00	POURS	337.82	1,013	
TOPPING PLACE & FINISH ASSIST CREW - 31/2" LT. WT. TOPPING ROOF	3.00	POURS	337.82	1,013	
TOPPING PLACE & FINISH ASSIST CREW - 31/2" LT. WT. TOPPING SLAB	3.00	POURS	337.82	1,013	
LASER SCREED - TOPPING SLAB - 2" SLRUCTURAL SLAB	30,484.00	SF	0.10	3,048	
LASER SCREED - TOPPING SLAB - 31/2" SLAB	30,484.00	SF	0.10	3,048	
TROWEL FINISH TOPPING - 2" STRUCTURAL SLAB	30,484.00	SF	0.23	6,987	
TROWEL FINISH TOPPING - 31/2" LT. WT. ROOF	30,484.00	SF	0.23	6,987	
TROWEL FINISH TOPPING - 31/2" LT. WT. SLAB	30,484.00	SF	0.23	6,987	
*** Total Topping				34,605	
** Total 03.02 - CONCRETE PLACE & FINISH				36,658	
03.03 - CONCRETE PUMPING					
Subcontractor					
PUMP SUB BID	1.00	LS			
*** Total Subcontractor					
Foundation Elements					
PUMP - 32 METER (90 FEET)	890.00	CY	2.75	2,448	
PUMP - 32 METER (90 FEET)	80.00	HRS	130.00	10,400	
PRIME PUMPS	8.00	EA	120.00	960	
*** Total Foundation Elements				13,808	
** Total 03.03 - CONCRETE PUMPING				13,808	
03.04 - CONCRETE FORMWORK					
Subcontractor					
FORMWORK SUB BID	1.00	LS			
*** Total Subcontractor					
Foundations					
PIER CAP FORMS	3,493.00	SF	5.28	18,458	
*** Total Foundations				18,458	
** Total 03.04 - CONCRETE FORMWORK				18,458	
03.05 - CONCRETE ACCESSORIES					
Concrete Curing					

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
CONCRETE CURING - COMPOUND - 2" STRUCTURAL SLAB	30,484.00 SF	0.06	1,944	
CONCRETE CURING - COMPOUND - 31/2" TOPPING SLAB	30,484.00 SF	0.06	1,944	
*** Total Concrete Curing			3,889	
Retainer Blocks				
RETAINER BLOCKS	844.00 LF	2.48	2,095	
*** Total Retainer Blocks			2,095	
Expansion Joints				
BEARING PADS	292.00 EA	90.84	26,524	
*** Total Expansion Joints			26,524	
Control Joints				
CONTROL JOINTS - SAWN	2,200.00 LF	2.50	5,500	
*** Total Control Joints			5,500	
Vapor Barriers				
VAPOR BARRIER - STEGO WRAP (10 MIL 3000 SF/ROLL)	30,484.00 SF	0.14	4,325	
TAPE- STEGO (1 ROLL PER 1500 SF)	21.00 ROLL	29.00	609	
*** Total Vapor Barriers			4,934	
** Total 03.05 - CONCRETE ACCESSORIES			42,942	
03.06 - REINFORCING STEEL				
Subcontractor				
REINFORCING VENDOR	1.00 LS			
*** Total Subcontractor				
Reinforcing Steel				
REINFORCING STEEL - DRILLED PIERS	53.00 TON	925.00	49,025	
REINFORCING STEEL - PIER CAPS	11.00 TON	925.00	10,175	
MASONRY REBAR	10.00 TON	925.00	9,250	
*** Total Reinforcing Steel			68,450	
Mesh				
WELDED WIRE MESH PURCHASE	970.00 SQS	30.00	29,100	
*** Total Mesh			29,100	
** Total 03.06 - REINFORCING STEEL			97,550	
03.08 - REINFORCING INSTALLATION				
Subcontractor				
REINFORCING SUBCONTRACTOR BID	1.00 LS			
*** Total Subcontractor				
Pier Rebar Installation				
DRILL PIER REBAR LABOR - FABRICATE ONLY	53.00 TON	262.56	13,916	
*** Total Pier Rebar Installation			13,916	
Foundation Rebar Installations				
PIER CAP REBAR LABOR	11.00 TON	236.48	2,601	
*** Total Foundation Rebar Installations			2,601	
Mesh Installation				
INSTALL WIRE MESH @ TOPPING SLAB	970.00 SQS	10.56	10,240	
*** Total Mesh Installation			10,240	
** Total 03.08 - REINFORCING INSTALLATION			26,757	
03.10 - STRUCTURAL PRECAST				
Subcontractor				

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Description	Quantity	UM	Tot.UnitCost	TotalCost
PRECAST VENDOR BID	1.00	LS		
*** Total Subcontractor				
Precast Garages				
PRECAST DOUBLE TEES - 17'9" X 4'2" - 74SF	1.00	EA	1,313.00	1,313
PRECAST DOUBLE TEES - 17'9" X 5' - 88.75SF	1.00	EA	1,575.12	1,575
PRECAST DOUBLE TEES - 17.9" X 9' - 159.75SF	6.00	EA	2,834.49	17,007
PRECAST DOUBLE TEES - 30'8" X 7'3" - 222.35SF	1.00	EA	3,945.46	3,945
PRECAST DOUBLE TEES - 30'8" X 9' - 276SF	19.00	EA	4,897.14	93,046
PRECAST DOUBLE TEES - 30'9" X 5'6" - 169SF	1.00	EA	2,998.61	2,999
PRECAST DOUBLE TEES - 34' X 6' - 204SF	1.00	EA	3,619.63	3,620
PRECAST DOUBLE TEES - 34' X 9' - 306SF	15.00	EA	5,429.44	81,442
PRECAST DOUBLE TEES - 35'2" X 9' - 316.5SF	4.00	EA	5,615.75	22,463
PRECAST DOUBLE TEES - 41'2" X 6'4" - 261SF	2.00	EA	4,630.99	9,262
PRECAST DOUBLE TEES - 41'2" X 8'6" - 350SF	1.00	EA	6,210.15	6,210
PRECAST DOUBLE TEES - 41'2" X 9' - 370.5SF	21.00	EA	6,574.77	138,070
PRECAST DOUBLE TEES - 42' X 9' - 378SF	3.00	EA	6,706.96	20,121
PRECAST BEAMS - 37" R BEAM	218.00	LF	58.85	12,829
PRECAST BEAMS - 37" INVERTED T	502.00	LF	56.23	28,227
PRECAST BEAMS - 37" L BEAM	474.00	LF	61.02	28,924
*** Total Precast Garages				471,053
** Total 03.10 - STRUCTURAL PRECAST				471,053
03.12 - PRECAST ERECTION				
Structural Precast Erection				
SET BEAMS	50.00	EA	659.69	32,984
SET DOUBLE TEES	78.00	EA	452.36	35,284
GROUT AT STEEL COLUMNS	19.00	EA	70.00	1,330
GROUT TEES	502.00	LF	28.70	14,408
*** Total Structural Precast Erection				84,006
Architectural Precast Erection				
PREP FOR SET	2.00	DAY	444.74	889
*** Total Architectural Precast Erection				889
** Total 03.12 - PRECAST ERECTION				84,896
03.15 - TOPPING/UNDERLAYMENT/FLOOR PREP				
Underlayment				
FLOOR PREP ON NEW CONCRETE FLOOR	22,474.00	SF	0.35	7,759
*** Total Underlayment				7,759
** Total 03.15 - TOPPING/UNDERLAYMENT/FLOOR P				7,759
04.01 - MASONRY				
Subcontractor				
MASONRY SUB BID	1.00	LS		
*** Total Subcontractor				
Face Brick				
ADD FOR COLORED MORTAR	22,332.00	SF	1.00	22,332
*** Total Face Brick				22,332
Concrete Masonry Units (CMU)				
SMOOTH FACED CMU - 8"	1,037.00	SF	11.67	12,102
SPLIT FACED CMU - 8"	13,770.00	SF	11.22	154,499

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SPLIT FACED CMU - 12"	7,525.00	SF	12.81	96,395	
*** Total Concrete Masonry Units (CMU)				262,996	
Other Masonry Work					
FINAL CLEAN MASONRY	22,332.00	SF	0.22	4,913	
*** Total Other Masonry Work				4,913	
Scope Items					
MASONRY DUMPSTERS	4.00	EA	475.00	1,900	
*** Total Scope Items				1,900	
Set Frames					
SET HOLLOW METAL FRAMES IN MASONRY PARTITIONS	10.00	EA	89.57	896	
*** Total Set Frames				896	
Grout Frames					
GROUT HOLLOW METAL FRAMES	10.00	EA	83.89	839	
*** Total Grout Frames				839	
** Total 04.01 - MASONRY				293,876	
05.01 - STEEL FABRICATION					
Vendor					
STEEL FABRICATION VENDOR BID	1.00	LS			
*** Total Vendor					
Structural & Miscellaneous Steel					
COLUMNS	18.00	TON	2,500.00	45,000	
BEAMS	48.00	TON	2,500.00	120,000	
CHANNELS	0.60	TON	2,500.00	1,500	
CHANNELS - OVERHANGS FOR CANOPIES	4.00	TON	2,500.00	10,000	
*** Total Structural & Miscellaneous Steel				176,500	
Joists					
JOISTS	77.00	TONS	2,500.00	192,500	
MISC CONNECTIONS, PLATES	10.00	TONS	2,500.00	25,000	
*** Total Joists				217,500	
Metal Deck					
ROOF DECK	335.00	SQS	160.00	53,600	
*** Total Metal Deck				53,600	
Ladders					
ACCESS LADDER WITH SAFETY CAGE	2.00	EA	1,500.00	3,000	
*** Total Ladders				3,000	
** Total 05.01 - STEEL FABRICATION				450,600	
05.02 - STEEL ERECTION					
Subcontractor					
STEEL ERECTION SUB BID	1.00	LS			
*** Total Subcontractor					
Structural Steel Erection					
STEEL PICKS - BEAMS,COLUMNS,JOIST	266.00	EA	67.97	18,080	
MISC. CONNECTIONS AND PLATES	14.00	TONS	2,350.67	32,909	
UNLOAD, DISTRIBUTE, & STAGE STEEL	266.00	EA	25.56	6,799	
FUEL FOR STEEL ERECTION	450.00	GAL	5.00	2,250	
OPERATED CRANE FOR STEEL ERECTION (\$125/HR)	30.00	DAY	1,083.00	32,490	
OILER - RIG FUEL/OIL/GREASE	4.00	WK	258.97	1,036	
*** Total Structural Steel Erection				93,565	
Deck Erection					

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
ROOF DECK	30,484.00 SF	0.28	8,612	
UNLOAD AND TRANSPORT METAL DECKING	1.00 LS	500.00	500	
*** Total Deck Erection			9,112	
Ladders				
ACCESS LADDER WITH SAFETY CAGE	2.00 EA	213.84	428	
*** Total Ladders			428	
** Total 05.02 - STEEL ERECTION			103,105	
06.02 - ARCHITECTURAL WOODWORK/MILLWORK/TRIM				
Subcontractor				
MILLWORK SUB BID	1.00 LS			
*** Total Subcontractor				
Plastic Laminate Cabinetry				
LOWER PLAM CABINETS - 18/A701 - RM 43 - BRIEFING ROOM	15.50 LF	200.00	3,100	
LOWER PLAM CABINETS - 9/A701 - RM 25 - COPY NORTH	5.00 LF	200.00	1,000	
LOWER PLAM CABINETS - 1, 2, 3 & 4/701 - RM 14 SECURITY	9.00 LF	200.00	1,800	
LOWER PLAM CABINETS - 16/A701 - RM 34 EXEC. POLICY AND CONFERENCE EAST	9.00 LF	200.00	1,800	
LOWER PLAM CABINETS - 1, 2 & 3 /A704 - RM 57 ARES WEST	15.00 LF	200.00	3,000	
LOWER PLAM CABINETS - 12/A701 - JIC COPY EAST	11.00 LF	200.00	2,200	
LOWER PLAM CABINETS - 2/A703 - RM 40 COMMUNICATION FLOOR SOUTH	19.00 LF	200.00	3,800	
LOWER PLAM CABINETS - 4/A702 - RM 38 EXPANDED EOC	19.00 LF	200.00	3,800	
LOWER PLAM CABINETS - 5 & 6 /A704 - RM 75 ITS/GIS EAST	24.00 LF	200.00	4,800	
LOWER PLAM CABINETS - 7/A704 - RM 70 BREAK WEST	11.25 LF	200.00	2,250	
LOWER PLAM CABINETS - ISLAND	8.00 LF	355.00	2,840	
UPPER PLAM CABINETS- 9/A701 - RM 25 - COPY NORTH	2.50 LF	100.00	250	
UPPER PLAM CABINETS - 7/A704 - RM 70 BREAK WEST	9.75 LF	100.00	975	
9' - FULL HEIGHT PLAM CABINETS - 16/A701 - RM 34 EXEC. POLICY AND CONFERENCE EAST	8.33 LF	300.00	2,499	
FULL HEIGHT PLAM CABINETS - 7/A704 - RM 70 - BREAK WEST	4.00 LF	250.00	1,000	
FULL HEIGHT PLAM CABINETS - 9/A701 - RM 25 - COPY NORTH	2.50 LF	250.00	625	
FULL HEIGHT PLAM CABINETS - AV & STG 58	3.00 LF	250.00	750	
RECEPTION DESK - 6 & 7/A701 - RM 15 - RECEPTION AND MAIL EAST	11.00 LF	300.00	3,300	
*** Total Plastic Laminate Cabinetry			39,789	
Plastic Laminate Countertops				
LAVATORY COUNTER TOP - RM 22- MENS	5.67 LF	110.00	624	
LAVATORY COUNTER TOP - RM 23- WOMENS	5.67 LF	110.00	624	
LAVATORY COUNTER TOP - RM 3 - WOMENS	7.75 LF	110.00	853	
LAVATORY COUNTER TOP - RM 35 - WOMENS	5.75 LF	110.00	633	
LAVATORY COUNTER TOP - RM 36 - MENS	5.67 LF	110.00	624	
LAVATORY COUNTER TOP - RM 4 - MENS	5.00 LF	110.00	550	
LAVATORY COUNTER TOP - RM 46 - MENS	4.00 LF	110.00	440	
LAVATORY COUNTER TOP - RM 47- WOMENS	4.00 LF	110.00	440	
LAVATORY COUNTER TOP - RM 64 - WOMENS	7.50 LF	110.00	825	

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
LAVATORY COUNTER TOP - RM 67 - MENS	7.75 LF	110.00	852	
COUNTER TOPS - 5 & 6 A/704 - RM 75 ITS/GIS EAST	18.00 LF	100.00	1,800	
COUNTER TOPS - 9 & 10 A/704 - RM 70 - BREAK WEST	36.25 LF	100.00	3,625	
COUNTER TOPS - AT PASS THRU WINDOWS	12.00 LF	100.00	1,200	
COUNTER TOPS - JIC/COPY 30	29.00 LF	100.00	2,900	
COUNTER TOPS - RM 14 - SECURITY	16.00 LF	100.00	1,600	
COUNTER TOPS -1, 2 & 3 /A704 - RM 57 ARES WEST	16.00 LF	100.00	1,600	
*** Total Plastic Laminate Countertops			19,189	
Plastic Laminate Shelving				
P-LAM SHELVING (2 SHELVES) - JIC/COPY 30	29.00 LF	20.00	580	
P-LAM SHELVING (2 SHELVES) - MOTOROLA 77	16.00 LF	20.00	320	
*** Total Plastic Laminate Shelving			900	
Plastic Laminate Trim				
BANNISTER AT MEDIA ROOM 6	16.00 LF	75.00	1,200	
*** Total Plastic Laminate Trim			1,200	
Finish Wood Base & Chair Rail				
WOOD CHAIR RAIL - 11, 12, 13 & 14 /A704 - RM 81 - EXCERCISE	122.00 LF	16.00	1,952	
WOOD CHAIR RAIL - CONFERENCE ROOMS	248.00 LF	16.00	3,968	
*** Total Finish Wood Base & Chair Rail			5,920	
** Total 06.02 - ARCHITECTURAL WOODWORK/MILLW			66,998	
06.03 - SOLID SURFACE FABRICATIONS				
Plastic Laminate Cabinetry				
LOWER PLAM CABINETS - 18/A701 - RM 43 - BRIEFING ROOM	15.50 LF	155.00	2,403	
LOWER PLAM CABINETS - 9/A701 - RM 25 - COPY NORTH	5.00 LF	155.00	775	
LOWER PLAM CABINETS - 1, 2, 3 & 4/701 - RM 14 SECURITY	9.00 LF	155.00	1,395	
LOWER PLAM CABINETS - 16/A701 - RM 34 EXEC. POLICY AND CONFERENCE EAST	9.00 LF	155.00	1,395	
LOWER PLAM CABINETS - 1, 2 & 3 /A704 - RM 57 ARES WEST	15.00 LF	155.00	2,325	
LOWER PLAM CABINETS - 12/A701 - JIC COPY EAST	11.00 LF	155.00	1,705	
LOWER PLAM CABINETS - 2/A703 - RM 40 COMMUNICATION FLOOR SOUTH	19.00 LF	155.00	2,945	
LOWER PLAM CABINETS - 4/A702 - RM 38 EXPANDED EOC	19.00 LF	155.00	2,945	
LOWER PLAM CABINETS - 5 & 6 /A704 - RM 75 ITS/GIS EAST	24.00 LF	155.00	3,720	
LOWER PLAM CABINETS - 7/A704 - RM 70 BREAK WEST	11.25 LF	155.00	1,744	
LOWER PLAM CABINETS - ISLAND BREAK	8.00 LF	200.00	1,600	
RECEPTION DESK - 6 & 7/A701 - RM 15 - RECEPTION AND MAIL EAST	11.00 LF	155.00	1,705	
*** Total Plastic Laminate Cabinetry			24,656	
Plastic Laminate Countertops				
LAVATORY COUNTER TOP - RM 22- MENS	5.67 LF	155.00	879	
LAVATORY COUNTER TOP - RM 23- WOMENS	5.67 LF	155.00	879	
LAVATORY COUNTER TOP - RM 3 - WOMENS	7.75 LF	155.00	1,201	
LAVATORY COUNTER TOP - RM 35 - WOMENS	5.75 LF	155.00	891	
LAVATORY COUNTER TOP - RM 36 - MENS	5.67 LF	155.00	879	
LAVATORY COUNTER TOP - RM 4 - MENS	5.00 LF	155.00	775	
LAVATORY COUNTER TOP - RM 46 - MENS	4.00 LF	155.00	620	

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LAVATORY COUNTER TOP - RM 47- WOMENS	4.00 LF	155.00	620	
LAVATORY COUNTER TOP - RM 64 - WOMENS	7.50 LF	155.00	1,163	
LAVATORY COUNTER TOP - RM 67 - MENS	7.75 LF	155.00	1,201	
COUNTER TOPS - 5 & 6 A/704 - RM 75 ITS/GIS EAST	18.00 LF	155.00	2,790	
COUNTER TOPS - 9 & 10 A/704 - RM 70 - BREAK WEST	36.25 LF	155.00	5,619	
COUNTER TOPS - JIC/COPY 30	29.00 LF	155.00	4,495	
COUNTER TOPS - RM 14 - SECURITY	16.00 LF	155.00	2,480	
COUNTER TOPS -1, 2 & 3 /A/704 - RM 57 ARES WEST	16.00 LF	155.00	2,480	
*** Total Plastic Laminate Countertops			26,972	
** Total 06.03 - SOLID SURFACE FABRICATIONS			51,628	
06.06 - ROUGH CARPENTRY				
Roof Blocking				
PARAPET- 2 x 8 TREATED WOOD BLOCKING	1,315.00 LF	2.52	3,307	
*** Total Roof Blocking			3,307	
Millwork Blocking				
MILLWORK - 2 x 4 FIRE TREATED WOOD BLOCKING	422.00 LF	2.37	1,001	
*** Total Millwork Blocking			1,001	
Toilet Accessory Blocking				
TOILET ACCESSORY - 2 x 4 FIRE TREATED WOOD BLOCKING	550.00 LF	2.37	1,305	
*** Total Toilet Accessory Blocking			1,305	
Specialties Blocking				
DISPLAY BOARDS - 2 x 4 FIRE TREATED WOOD BLOCKING	598.00 LF	2.37	1,419	
*** Total Specialties Blocking			1,419	
Equipment Blocking				
AV EQUIPMENT - 2 x 6 FIRE TREATED WOOD BLOCKING	844.00 LF	2.62	2,214	
*** Total Equipment Blocking			2,214	
Other Blocking & Grounds				
CURTAIN BLOCKING - 2 x 6 FIRE TREATED WOOD BLOCKING	60.00 LF	2.62	157	
*** Total Other Blocking & Grounds			157	
** Total 06.06 - ROUGH CARPENTRY			9,404	
06.07 - FRP				
Wallcoverings				
PURCHASE FRP KEMLITE	138.00 SF	3.75	518	
INSTALL FRP KEMLITE	138.00 SF	0.89	123	
*** Total Wallcoverings			640	
** Total 06.07 - FRP			640	
07.01 - WATERPROOF/DAMPPROOF/JOINT SEALANTS				
Subcontractor				
WATERPROOFING SUB BID	1.00 LS			
*** Total Subcontractor				
Dampproofing				
BITUMINOUS DAMPPROOFING ON INTERIOR SIDE OF EXTERIOR CMU	12,100.00 SF	1.50	18,150	
BITUMINOUS DAMPPROOFING ON SHEATHING BEHIND METAL WALL PANELS	890.00 SF	1.50	1,335	
*** Total Dampproofing			19,485	

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
Sheet Membrane Waterproofing				
EPDM SHEET WATERPROOFING - AT PERIMETER WITH TRADITION BAR	4,220.00 SF	2.45	10,339	
*** Total Sheet Membrane Waterproofing			10,339	
Membrane Waterproofing				
MEMBRANE WATERPROOFING - OVER INSULATION UNDER TOPPING SLAB - 2/A504	30,484.00 SF	3.77	114,925	
MEMBRANE WATERPROOFING - AT FACE OF BOTTOM COURSE/CONCRETE OF BUILDING	2,532.00 SF	2.65	6,710	
*** Total Membrane Waterproofing			121,634	
Site Joint Sealants				
SILICONE JOINT SEALANTS @ EXPANSION JOINT BETWEEN SIDEWALK AND BUILDING	360.00 LF	1.90	684	
*** Total Site Joint Sealants			684	
Building Facade Joint Sealants				
MASONRY CONTROL JOINTS	1,491.00 LF	1.80	2,684	
BUILDING SILICONE SEALANT - MASONRY VENEER AND SOFFITS	73.00 LF	4.15	303	
JOINT SEALANT @ EXTERIOR DOORS	206.00 EA	25.00	5,150	
*** Total Building Facade Joint Sealants			8,137	
Interior Joint Sealants				
JOINTS BETWEEN EXTERIOR CMU AND INTERIOR FLOOR	796.00 LF	2.50	1,990	
INTERIOR HOLLOW METAL DOOR FRAMES AT MASONRY CONDITION	136.00 LF	4.35	592	
*** Total Interior Joint Sealants			2,582	
** Total 07.01 - WATERPROOF/DAMP/PROOF/JOINT S			162,861	
07.02 - INSULATION				
Subcontractor				
INSULATION SUB BID	1.00 LS			
*** Total Subcontractor				
Rigid Insulation				
2" RIGID INSULATION - GLUED- EXTERIOR WALL	12,660.00 SF	2.32	29,371	
2" RIGID INSULATION - OVER TOPPING SLAB	30,484.00 SF	2.20	67,065	
*** Total Rigid Insulation			96,436	
** Total 07.02 - INSULATION			96,436	
07.03 - ROOFING				
Subcontractor				
ROOFING SUB BID	1.00 LS			
*** Total Subcontractor				
Membrane Roofing				
TPO ROOF MEMBRANE - 80 MIL WHITE	45,700.00 SF	3.92	179,181	
*** Total Membrane Roofing			179,181	
Roof Insulation				
POLYISOCYANURATE - TAPERED FOR DRAINAGE - R30 - CHANGED TO R-15	28,997.00 SF	3.56	103,186	
DENSDECK OVERLAY	28,997.00 SF	1.20	34,680	
*** Total Roof Insulation			137,866	
Gutters & Downspouts				
DOWNSPOUT - HIGH TO LOW ROOF	65.00 LF	20.00	1,300	
DOWNSPOUT - LOW ROOF TO GROUND	328.00 LF	20.00	6,560	

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COPING	1,315.00 LF	20.00	26,300	
*** Total Gutters & Downspouts			34,160	
Roof Flashings				
SHEETMETAL FLASHING	1,832.00 LF	7.50	13,740	
*** Total Roof Flashings			13,740	
** Total 07.03 - ROOFING			364,947	
07.07 - ROOF ACCESSORIES				
Subcontractor				
ROOF HATCH VENDOR BID	1.00 LS			
*** Total Subcontractor				
Roof Hatches				
FLOOR HATCH - 3x6	1.00 EA	1,000.00	1,000	
*** Total Roof Hatches			1,000	
Install Roof Hatches				
INSTALL FLOOR HATCHES - 3x6	1.00 EA	124.28	124	
*** Total Install Roof Hatches			124	
** Total 07.07 - ROOF ACCESSORIES			1,124	
08.01 - HOLLOW METAL				
Vendor				
HOLLOW METAL VENDOR BID	1.00 LS			
*** Total Vendor				
Door Frames				
307'4" HOLLOW METAL FRAME	2.00 EA	218.50	437	
3070 HOLLOW METAL FRAME	92.00 EA	209.00	19,228	
3670 HOLLOW METAL FRAME	3.00 EA	222.30	667	
607'4" HOLLOW METAL FRAME	3.00 EA	285.00	855	
609'4" HOLLOW METAL FRAME	1.00 EA	332.50	333	
HOLLOW METAL SIDE LIGHT - 1'6" X 7'6"	1.00 EA	175.00	175	
HOLLOW METAL SIDE LIGHT - 2' X 7'6"	3.00 EA	175.00	525	
*** Total Door Frames			22,219	
Window Frames				
HOLLOW METAL WINDOW FRAME - 3' X 3' - 1E	2.00 EA	200.00	400	
HOLLOW METAL WINDOW FRAME - 4' X 9' - 1F - SEGMENTED	1.00 EA	600.00	600	
HOLLOW METAL WINDOW FRAME - 6'x3'6'	1.00 EA	225.00	225	
HOLLOW METAL WINDOW FRAME - 9'x3'6'	1.00 EA	350.00	350	
*** Total Window Frames			1,575	
Doors				
307'4" HOLLOW METAL DOOR - TYPE A	7.00 EA	310.00	2,170	
3070 HOLLOW METAL DOOR - TYPE A	6.00 EA	300.00	1,800	
3070 HOLLOW METAL DOOR - TYPE C	3.00 EA	305.00	915	
3670 HOLLOW METAL DOOR - TYPE A	1.00 EA	320.00	320	
309'4" HOLLOW METAL DOOR - TYPE A	2.00 EA	360.00	720	
*** Total Doors			5,925	
Door Distribution				
DISTRIBUTE DOORS	19.00 EA	11.65	221	
*** Total Door Distribution			221	
Frame Distribution				
DISTRIBUTE FRAMES	110.00 EA	11.65	1,282	
*** Total Frame Distribution			1,282	
** Total 08.01 - HOLLOW METAL			31,222	

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08.05 - PLASTIC LAMINATE DOORS				
Vendor				
PLASTIC LAMINATE DOOR VENDOR BID	1.00 LS			
*** Total Vendor				
Solid Core Plam Doors				
3070 PLASTIC LAMINATE DOOR - TYPE A	8.00 EA	265.00	2,120	
307"4" PLASTIC LAMINATE DOOR - TYPE A	1.00 EA	260.00	260	
3070 PLASTIC LAMINATE DOOR - TYPE B	41.00 EA	265.00	10,865	
307"6" PLASTIC LAMINATE DOOR - TYPE C	1.00 EA	285.00	285	
3070 PLASTIC LAMINATE DOOR - TYPE C	34.00 EA	280.00	9,520	
*** Total Solid Core Plam Doors			23,050	
Plastic Laminate Door Distribution				
DISTRIBUTE DOORS	85.00 EA	10.00	850	
*** Total Plastic Laminate Door Distribution			850	
** Total 08.05 - PLASTIC LAMINATE DOORS			23,900	
08.10 - OVERHEAD DOORS/COILING GRILLS				
Subcontractor				
OVERHEAD & COILING DOOR SUB BID	1.00 LS			
*** Total Subcontractor				
Overhead Doors				
MANUAL OVERHEAD COILING DOOR - 8' x 10	1.00 EA	3,210.00	3,210	
*** Total Overhead Doors			3,210	
** Total 08.10 - OVERHEAD DOORS/COILING GRILL			3,210	
08.15 - AUTOMATIC DOORS				
Subcontractor				
AUTOMATIC DOOR OPERATOR SUB BID	1.00 LS			
*** Total Subcontractor				
Automatic Door Operators				
OPENERS, AUTOMATIC SWING DOORS - SINGLE - FRONT ENTRY DOOR	1.00 EA	2,500.00	2,500	
*** Total Automatic Door Operators			2,500	
** Total 08.15 - AUTOMATIC DOORS			2,500	
08.28 - GLASS & GLAZING				
Subcontractor				
GLASS & GLAZING SUB BID	1.00 LS			
*** Total Subcontractor				
Glass Doors & Entrances				
ALUMINUM ENTRANCE DOOR & FRAME- 3070	2.00 EA	3,750.00	7,500	
*** Total Glass Doors & Entrances			7,500	
Aluminum Punch Windows				
STOREFRONT GLAZING - 8' X 3' WINDOW SOUTH ELEVATION	24.00 SF	127.49	3,060	
STOREFRONT GLAZING - 4' X 3' WINDOW SOUTH ELEVATION	12.00 SF	127.49	1,530	
STOREFRONT GLAZING - 12"6" X 3' WINDOW EAST ELEVATION	37.50 SF	127.49	4,781	
INTERIOR STOREFRONT SYSTEMS WITH MANUAL BIPARTING DOORS ROOM 39	240.00 SF	42.00	10,080	
STOREFRONT GLAZING - 8' X 3' WINDOW EAST ELEVATION	24.00 SF	127.49	3,060	
*** Total Aluminum Punch Windows			22,510	

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Storefront Window Systems				
STOREFRONT GLAZING - 1'6" X 7'6" - 3 EACH - VERTICAL	33.75 SF	127.49	4,303	
STOREFRONT GLAZING - 2' X 7'6" - VERTICAL	15.00 SF	127.49	1,912	
STOREFRONT GLAZING - 3' X 8' WINDOWS - VERTICAL	216.00 SF	127.49	27,537	
STOREFRONT GLAZING SYSTEMS - CLERESTORY FRONT ENTRY - 4/A310 - NON HIGH IMPACT	58.00 SF	45.00	2,610	
STOREFRONT GLAZING SYSTEMS FRONT ENTRY SIDES - NON-HIGH IMPACT	120.00 SF	45.00	5,400	
*** Total Storefront Window Systems			41,762	
Interior Glass				
GLASS IN FRAMES BY OTHERS	110.00 SF	10.00	1,100	
GLASS IN DOORS	40.00 EA	75.00	3,000	
ALUMINUM PASS THRU WINDOW 4'6" X 3'9 1/2" - 1A JIC/COPY-EXPANDED EOC	1.00 EA	675.00	675	
ALUMINUM PASS THRU WINDOW 4'6" X 3'9 1/2" - 1B WAR ROOM - ARES	1.00 EA	675.00	675	
*** Total Interior Glass			5,450	
Mirrors				
NON-FRAMED MIRRORS	244.00 SF	15.00	3,660	
*** Total Mirrors			3,660	
** Total 08.28 - GLASS & GLAZING			80,882	
08.34 - FINISH HARDWARE				
Vendor				
FINISH HARDWARE VENDOR BID	1.00 LS			
*** Total Vendor				
Hardware Sets				
DOOR LEAVES	104.00 EA	550.00	57,200	
*** Total Hardware Sets			57,200	
** Total 08.34 - FINISH HARDWARE			57,200	
08.38 - DOOR & HARDWARE INSTALLATION				
Set Plastic Laminate Doors				
SET HOLLOW METAL AND PLAM DOORS	104.00 EA	31.50	3,276	
*** Total Set Plastic Laminate Doors			3,276	
Install Hardware Sets				
LABOR TO SET FINISH HARDWARE	104.00 EA	233.32	24,265	
UNLOAD AND DISTRIBUTE HARDWARE SETS	104.00 EA	31.50	3,276	
*** Total Install Hardware Sets			27,541	
** Total 08.38 - DOOR & HARDWARE INSTALLATION			30,817	
09.01 - PLASTER				
Subcontractor				
PLASTER SUB BID	1.00 LS			
*** Total Subcontractor				
Plaster Ceilings				
PLASTER SOFFITS - OVERHANGS AND SOFFITS	457.00 SF	20.00	9,140	
*** Total Plaster Ceilings			9,140	
Plaster Walls				
PLASTER WALL - EXTERIOR AT ENTRY	1,180.00 SF	13.00	15,340	
*** Total Plaster Walls			15,340	
** Total 09.01 - PLASTER			24,480	

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09.02 - DRYWALL					
Subcontractor					
DRYWALL SUB BID	1.00	LS			
*** Total Subcontractor					
Interior Partitions to Deck, One Layer Ea Side					
WALL TYPE 1	570.00	LF	73.44	41,861	
WALL TYPE 2	1,102.00	LF	83.64	92,171	
WALL TYPE 3	401.00	LF	75.48	30,267	
WALL TYPE 4	745.00	LF	44.88	33,436	
WALL TYPE 5	72.00	LF	81.60	5,875	
WALL TYPE 6	28.00	LF	104.04	2,913	
WALL TYPE 7	59.00	LF	75.48	4,453	
WALL TYPE 8	76.00	LF	72.42	5,504	
WALL TYPE 9	159.00	LF	75.48	12,001	
WALL TYPE 10	122.00	LF	73.44	8,960	
WALL TYPE 11	261.00	LF	44.88	11,714	
*** Total Interior Partitions to Deck, One La				249,155	
Other Gyp Board Partitions					
COLUMN WRAPS	22.00	EA	250.00	5,500	
*** Total Other Gyp Board Partitions				5,500	
Drywall Ceilings					
DRYWALL CEILING	5,579.00	SF	4.00	22,316	
SCAFFOLDING PREMIUM FOR EXTRA HIGH WORK	7,215.00	SF	5.50	39,683	
*** Total Drywall Ceilings				61,999	
Drywall Furrdowns					
FURRDOWN	653.00	LF	66.00	43,098	
*** Total Drywall Furrdowns				43,098	
Sealants by Drywall					
ACOUSTICAL SEALANT	14,048.00	LF	1.75	24,584	
*** Total Sealants by Drywall				24,584	
Insulation by Drywall					
ACOUSTICAL WALL INSULATION	11,000.00	SF	0.55	6,050	
*** Total Insulation by Drywall				6,050	
Drywall Layout - VCC Self Perform					
LAYOUT WALLS	3,512.00	LF	0.71	2,479	
*** Total Drywall Layout - VCC Self Perform				2,479	
** Total 09.02 - DRYWALL				392,864	
09.03 - TILE					
Subcontractor					
TILE SUB BID	1.00	LS			
*** Total Subcontractor					
Waterproofing					
LATICRETE WATERPROOFING	1,982.00	SF	2.50	4,955	
*** Total Waterproofing				4,955	
Ceramic Tile					
FLOOR TILE - 12x12 - CT-2	1,073.00	SF	10.00	10,730	
FLOOR TILE - 12X12 - CT -1	909.00	SF	10.00	9,090	
PORCELAIN TILE FLOOR - MAIN FLOOR	1,163.00	SF	15.00	17,445	
WALL TILE - 4x4	2,377.00	SF	8.00	19,016	
*** Total Ceramic Tile				56,281	

Williamson County ESOC - GMP

Loc: Georgetown, Texas

Est Date: 11/02/2011

Project Size: 30484 sqft

Estimator: Stephen N. Skabla Jr.

Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
Scope Items				
EPOXY GROUT	5,552.00 SF	1.00	5,552	
*** Total Scope Items			5,552	
** Total 09.03 - TILE			66,788	
09.05 - ACOUSTICAL CEILING & WALL PANELS				
Subcontractor				
CEILING SUB BID	1.00 LS			
*** Total Subcontractor				
Acoustical Ceilings				
TEGULAR 2 x 2 ACOUSTICAL CEILING	20,045.00 SF	3.50	70,158	
*** Total Acoustical Ceilings			70,158	
Subcontractor				
ACOUSTICAL PANEL SUB BID	1.00 LS			
*** Total Subcontractor				
Acoustical Wall Panels				
ACOUSTICAL WALL PANELS - COMMUNICATIONS OPERATION FLOOR - CHANGED TO TECTUM PANELS	2,106.00 SF	10.65	22,429	
ACOUSTICAL WALL PANELS - CONFERENCE ROOM - BY ARES CONFERENCE - REMOVED FROM PROJECT	1,104.00 SF			
ACOUSTICAL WALL PANELS - CONFERENCE ROOM - EXECUTIVE POLICY AND CONFERENCE - REMOVED FROM PROJECT	548.00 SF			
ACOUSTICAL WALL PANELS - CONFERENCE ROOM - MAIN - REDUCED SF FROM 1104 TO 552	552.00 SF	15.00	8,280	
ACOUSTICAL WALL PANELS - CONFERENCE ROOM /BRIEFING - REMOVED FROM PROJECT	433.00 SF			
ACOUSTICAL WALL PANELS - EXPANDED EOC - CHANGED TO TECTUM PANELS	1,472.00 SF	10.65	15,677	
ACOUSTICAL WALL PANELS - WAR ROOM - CHANGED TO TECTUM PANELS	1,264.00 SF	10.65	13,462	
*** Total Acoustical Wall Panels			59,847	
** Total 09.05 - ACOUSTICAL CEILING & WALL PA			130,005	
09.07 - CARPET, VINYL FLOORING, & BASE				
Subcontractor				
FLOORING SUB BID	1.00 LS			
*** Total Subcontractor				
VCT				
VINYL TILE - VT1	765.00 SF	4.00	3,060	
VINYL TILE - VT2/VT3	583.00 SF	4.00	2,332	
VINYL TILE - VT1/VT2	3,441.00 SF	4.00	13,764	
*** Total VCT			19,156	
Carpet Tile				
CARPET TILE - 1 - \$35/SY FURNISHED AND INSTALLED	6,834.00 SF	3.88	26,516	
CARPET TILE - 2 - \$35/SY FURNISHED AND INSTALLED	1,099.00 SF	3.88	4,264	
CARPET TILE - ON ACCESS FLOORING - \$35/SY	8,673.00 SF	3.88	33,651	
*** Total Carpet Tile			64,431	
Carpet Roll Goods				
WALK OFF MATS - CHANGED TO THROW DOWN MATT FROM FFE	1.00 SCOPE			
*** Total Carpet Roll Goods				

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Resilient Base				
RESILIENT BASE - 4"	4,061.00 LF	1.10	4,467	
*** Total Resilient Base			4,467	
** Total 09.07 - CARPET, VINYL FLOORING, & BA			88,054	
09.11 - SPORTS COURT FLOORING				
Sheet Flooring Scope Items				
MOISTURE LIMITER	1,079.00 SF	1.60	1,726	
*** Total Sheet Flooring Scope Items			1,726	
Sports Flooring				
SPORTS FLOORING	1,079.00 SF	8.00	8,632	
*** Total Sports Flooring			8,632	
** Total 09.11 - SPORTS COURT FLOORING			10,358	
09.12 - PAINTING				
Subcontractor				
PAINTING SUB BID	1.00 LS			
*** Total Subcontractor				
Wallcoverings				
MAGNETIC/WRITABLE WALL COVERING - ARES ROOM	386.00 SF	5.77	2,227	
FABRIC COVERED TACKBOARD	700.00 SF	5.00	3,500	
*** Total Wallcoverings			5,727	
Paint Drywall				
PAINT DRYWALL PARTITIONS	52,088.00 SF	0.55	28,648	
PAINT DRYWALL CEILINGS	8,191.00 SF	0.57	4,669	
EPOXY PAINT DRYWALL PARTITIONS	2,483.00 SF	1.50	3,725	
*** Total Paint Drywall			37,042	
Paint Doors & Frames				
PAINT HOLLOW METAL FRAMES	112.00 EA	50.00	5,600	
PAINT HOLLOW METAL DOORS	19.00 EA	50.00	950	
*** Total Paint Doors & Frames			6,550	
Stains				
STAIN CHAIR RAILS	370.00 LF	5.00	1,850	
*** Total Stains			1,850	
Paint Preparation				
TAPE & FLOAT BY PAINTER	73,010.00 SF	0.42	30,664	
*** Total Paint Preparation			30,664	
** Total 09.12 - PAINTING			81,833	
09.16 - CONCRETE SEALER				
Subcontractor				
CONCRETE SEALER SUB BID	1.00 LS			
*** Total Subcontractor				
Surface Preparation				
CLEANING SUBSTRATE	2,492.00 SF	0.10	249	
*** Total Surface Preparation			249	
Concrete Sealer				
CONCRETE SEALER	2,492.00 SF	0.60	1,495	
*** Total Concrete Sealer			1,495	
** Total 09.16 - CONCRETE SEALER			1,744	
10.01 - VISUAL DISPLAY BOARDS				

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Description	Quantity	UM	Tot.UnitCost	TotalCost
Vendor				
DISPLAY BOARD VENDOR BID - MOVES TO FFE BUDGET	1.00	LS		
*** Total Vendor				
Markerboards				
MARKERBOARD - 3'x4' - ASST. HAZMAT 61	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - 911 LTS 49	2.00	EA	152.95	306
MARKERBOARD - 3'x4' - ADMIN 9	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - ARES 57	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - COMM. DIRECTOR 20	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - CONF. 19	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - COPY 25	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - DEPUTY COMM. DIR 18	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - EM MGR.	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - HAZMAT CHIEF 60	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - LOGISTICS 53	2.00	EA	152.95	306
MARKERBOARD - 3'x4' - OFFICE MGR.16	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - PLANS SECT. 12	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - PLANS SUPV.	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - QUALITY CONTROL SUPV. 26	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - QUALITY CONTROL WORK ROOM 27	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - SECURITY 14	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - TRAINERS 50	2.00	EA	152.95	306
MARKERBOARD - 3'x4' - TRAINING COORD. 52	2.00	EA	152.95	306
MARKERBOARD - 3'x4' - WCC HEALTH DEPT. 48	2.00	EA	152.95	306
MARKERBOARD - 3'x4' - WCSO SGTS 54	1.00	EA	152.95	153
MARKERBOARD - 3'x4' - WCSOLT 51	1.00	EA	152.95	153
MARKERBOARD - 4'x6' - 911 CAPTS 42	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - BREAK 79	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - CAD MGR. 71	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - COMM. OPERATIONS FLOOR 40	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - CONF. 56	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - EOC 38	2.00	EA	258.75	518
MARKERBOARD - 4'x6' - JIC/COPY 30	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - MEDIA ROOM 6	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - MOTOROLA 77	1.00	EA	258.75	259
MARKERBOARD - 4'x6' - WAR ROOM 39	1.00	EA	258.75	259
MARKERBOARD - 4'x8' - 911 LTS 49	1.00	EA	356.50	357
MARKERBOARD - 4'x8' - BRIEFING/CONF. 43	3.00	EA	356.50	1,070
MARKERBOARD - 4'x8' - CONF. 56	2.00	EA	356.50	713
MARKERBOARD - 4'x8' - EXEC. POLICY & CONF. 34	1.00	EA	356.50	357
MARKERBOARD - 4'x8' - TRAINERS 50	1.00	EA	356.50	357
MARKERBOARD - 4'x16' - COMM. OPERATRON FLOOR 40	1.00	EA	805.00	805
MARKERBOARD - 4'x16' - ITS/GIS 75	1.00	EA	805.00	805
MARKERBOARD - 4'x16' - SERVER ROOM 76	1.00	EA	805.00	805
*** Total Markerboards				12,243
Operable Board Units				
WOOD CABINET - COMMUNICATION OPERATION FLOOR 40	2.00	EA	1,200.00	2,400
WOOD CABINET UNIT - CONFERENCE 29	1.00	EA	1,200.00	1,200
WOOD CABINET UNIT - EOC 38	2.00	EA	1,200.00	2,400
WOOD CABINET UNIT - MEDIA 6	2.00	EA	1,200.00	2,400
*** Total Operable Board Units				8,400
** Total 10.01 - VISUAL DISPLAY BOARDS				20,643

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10.02 - PROJECTION SCREENS				
Vendor				
PROJECTION SCREEN VENDOR	1.00 LS			
*** Total Vendor				
Motorized Projection Screens				
PROJECTION SCREEN - 96" X 60" MOTORIZED	3.00 EA	1,066.67	3,200	
PROJECTION SCREEN SUPPORTS	3.00 EA	2,650.00	7,950	
PROJECTION SCREEN HOOKUP	3.00 EA	200.00	600	
*** Total Motorized Projection Screens			11,750	
Install Projection Screens				
INSTALL MOTORIZED PROJECTION SCREENS	3.00 EA	359.02	1,077	
*** Total Install Projection Screens			1,077	
** Total 10.02 - PROJECTION SCREENS			12,827	
10.03 - TOILET COMPARTMENTS				
Subcontractor				
TOILET PARTITION SUB BID	1.00 LS			
*** Total Subcontractor				
Metal Toilet Compartments				
METAL TOILET COMPARTMENTS	9.00 EA	515.00	4,635	
METAL HANDICAP TOILET COMPARTMENTS	8.00 EA	435.00	3,480	
METAL URINAL SCREENS	3.00 EA	200.00	600	
PREMIUM FOR STAINLESS STEEL OR PLASTIC PARTITIONS	3.00 EA	2,010.00	6,030	
*** Total Metal Toilet Compartments			14,745	
Install Toilet Compartments				
INSTALL TOILET PARTITIONS	17.00 EA	89.75	1,526	
INSTALL URINAL SCREENS	3.00 EA	63.29	190	
*** Total Install Toilet Compartments			1,716	
** Total 10.03 - TOILET COMPARTMENTS			16,461	
10.05 - WALL PROTECTION				
Vendor				
WALL PROTECTION VENDOR BID	1.00 LS			
*** Total Vendor				
Plastic Wall Protection				
SURFACE MOUNT CORNER GUARDS - 4'	62.00 EA	35.00	2,170	
SOLID PLASTIC WALL PROTECTION - ARES ROOM UNDER MILLWORK	88.00 SF	3.61	318	
SOLID PLASTIC WALL PROTECTION - BREAKROOM	176.00 SF	3.61	636	
SOLID PLASTIC WALL PROTECTION - EXERCISE ROOM	544.00 SF	3.61	1,965	
SOLID PLASTIC WALL PROTECTION - ITS/GIS ROOM UNDER MILLWORK	180.00 SF	3.61	650	
*** Total Plastic Wall Protection			5,739	
Install Wall Protection				
INSTALL CORNER GUARDS	62.00 EA	31.07	1,926	
INSTALL SOLID PLASTIC WALL PROTECTION - ARES ROOM	88.00 SF	3.55	312	
INSTALL SOLID PLASTIC WALL PROTECTION - BREAKROOM	176.00 SF	3.55	625	
INSTALL SOLID PLASTIC WALL PROTECTION - EXERCISE ROOM	544.00 SF	3.55	1,932	

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INSTALL SOLID PLASTIC WALL PROTECTION - ITS/GIS ROOM	180.00 SF	3.55	639	
*** Total Install Wall Protection			5,434	
** Total 10.05 - WALL PROTECTION			11,173	
10.06 - ACCESS FLOORING				
Vendor				
ACCESS FLOOR SUB BID	1.00 LS			
*** Total Vendor				
Bare Access Flooring				
BARE CEMENTITIOUS - TATE CCN 1000	8,673.00 SF	8.50	73,721	
*** Total Bare Access Flooring			73,721	
Cutouts in Access Flooring				
CUTS FOR SERVICES	135.00 EA	50.00	6,750	
TWO SUCTION LIFTING DEVICES	2.00 EA	75.00	150	
20 ADDITIONAL REGULAR PANELS	20.00 EA	16.00	320	
5 PERFORATED PANELS	5.00 EA	20.00	100	
*** Total Cutouts in Access Flooring			7,320	
** Total 10.06 - ACCESS FLOORING			81,041	
10.08 - SIGNAGE				
BETTERMENT FUNDS				
ALLOWANCE - HAND PAINTED SEALS - 3 EACH	1.00 LS	9,000.00	9,000	
*** Total BETTERMENT FUNDS			9,000	
Subcontractor				
SIGNAGE SUB BID	1.00 LS			
*** Total Subcontractor				
Exterior Signage				
EXTERIOR SIGNS - ALUMINUM LETTERS	49.00 EA	300.00	14,700	
*** Total Exterior Signage			14,700	
Interior Signage				
FRAMELESS PLAQUE W/ PICTOGRAPHS	106.00 EA	80.00	8,480	
*** Total Interior Signage			8,480	
** Total 10.08 - SIGNAGE			32,180	
10.09 - LOCKERS				
Subcontractor				
LOCKER SUB BID - MOVES TO FFE BUDGET	1.00 LS			
*** Total Subcontractor				
Metal Lockers				
METAL LOCKERS - 15" WIDE TRIPLE TIER - ROOM 63 - WOMEN'S LOCKER	20.00 EA	300.00	6,000	
METAL LOCKERS - 15" WIDE TRIPLE TIER - ROOM 68 - MEN'S LOCKER	20.00 EA	300.00	6,000	
*** Total Metal Lockers			12,000	
** Total 10.09 - LOCKERS			12,000	
10.10 - FIRE PROTECTION SPECIALTIES				
Vendor				
FIRE EXTINGUISHER & CABINET VENDOR BID	1.00 LS			
*** Total Vendor				
Fire Extinguishers				
FIRE EXTINGUISHER W/BRACKET - 10 LB	6.00 EA	80.00	480	
*** Total Fire Extinguishers			480	

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Fire Extinguisher Cabinets				
FIRE EXTINGUISHER W/CABINET	9.00 EA	400.00	3,600	
*** Total Fire Extinguisher Cabinets			3,600	
Install Fire Protection Specialties				
INSTALL FIRE EXTINGUISHER WITH BRACKETS	6.00 EA	11.51	69	
INSTALL FIRE EXTINGUISHER WITH CABINET	9.00 EA	23.01	207	
*** Total Install Fire Protection Specialties			276	
** Total 10.10 - FIRE PROTECTION SPECIALTIES			4,356	
10.11 - ALUMINUM COVERS & AWNINGS				
Canopies - Kynar				
FINISH ALUMINUM CANOPY AT DOOR 70	50.00 SF	45.00	2,250	
FINISH ALUMINUM CANOPY AT DOOR 81A	38.75 SF	45.00	1,744	
FINISH ALUMINUM CANOPY AT DOOR 21	50.00 SF	45.00	2,250	
FINISH ALUMINUM CANOPY AT DOOR 44A	50.00 SF	45.00	2,250	
FINISH ALUMINUM CANOPY AT ELECTRICAL AND MECHANICAL OVERHANG	177.00 SF	45.00	7,965	
*** Total Canopies - Kynar			16,459	
** Total 10.11 - ALUMINUM COVERS & AWNINGS			16,459	
10.12 - POSTAL SPECIALTIES				
Postal Specialties				
POSTAL SPECIALTIES VENDOR BID	1.00 LS			
SITE MAIL BOX - DELETED FROM PROJECT	1.00 SCOPE			
*** Total Postal Specialties				
** Total 10.12 - POSTAL SPECIALTIES				
10.13 - WIRE MESH PARTITIONS				
Vendor				
WIRE MESH PARTITIONS - NONE SHOWN	1.00 SCOPE			
*** Total Vendor				
** Total 10.13 - WIRE MESH PARTITIONS				
10.16 - STORAGE SHELIVING				
Subcontractor				
STORAGE SHELIVING - MOBILE STORAGE UNITS NOT REQUIRED	1.00 SCOPE			
*** Total Subcontractor				
** Total 10.16 - STORAGE SHELIVING				
10.17 - TOILET ACCESSORIES				
Vendor				
TOILET ACCESSORIES VENDOR BID	1.00 LS			
*** Total Vendor				
Grab Bars				
GRAB BARS - 36"	12.00 EA	29.50	354	
GRAB BARS - 42"	12.00 EA	38.50	462	
*** Total Grab Bars			816	
Paper Towel Dispensers				
PAPER TOWEL DISPENSER, SURFACE MTD	8.00 EA	48.00	384	
PAPER TOWEL DISPENSER W/WASTE RECEIPT REC MTD - B3960	10.00 EA	566.00	5,660	
*** Total Paper Towel Dispensers			6,044	
Toilet Paper Dispensers				

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TOILET TISSUE DISPENSER SURFACE MTD - JUMBO	19.00	EA	77.00	1,463	
*** Total Toilet Paper Dispensers				1,463	
Napkin/Vendor Dispensers					
NAPKIN/TAMPON DISPOSAL	12.00	EA	44.00	528	
*** Total Napkin/Vendor Dispensers				528	
Sanitary Napkin Disposals					
TOILET SEAT COVER DISPENSER	19.00	EA	178.00	3,382	
*** Total Sanitary Napkin Disposals				3,382	
Soap Dispensers					
SOAP DISPENSER	24.00	EA	81.00	1,944	
*** Total Soap Dispensers				1,944	
Shower Seats					
SHOWER SEAT	4.00	EA	117.00	468	
*** Total Shower Seats				468	
Mop Holders					
MOP HOLDER	1.00	EA	209.00	209	
*** Total Mop Holders				209	
Robe & Hat Hooks					
ROBE/COAT HOOK	17.00	EA	12.00	204	
*** Total Robe & Hat Hooks				204	
Shelves					
UTILITY SHELF	1.00	EA	87.00	87	
*** Total Shelves				87	
Diaper Changing Stations					
DIAPER CHANGING STATION	2.00	EA	180.00	360	
*** Total Diaper Changing Stations				360	
Hand Dryers					
HAND DRYER - WARM AIR - NOT REQUIRED	1.00	SCOPE			
*** Total Hand Dryers					
Install Toilet Accessories					
INSTALL PAPER TOWEL DISPENSERS SURFACE MTD	8.00	EA	11.51	92	
INSTALL PAPER TOWEL DISPENSER WITH WASTE RECEPTICLE	10.00	EA	23.00	230	
INSTALL TOILET TISSUE DISPENSER	19.00	EA	17.26	328	
INSTALL NAPKIN/TAMPON DISPOSAL	12.00	EA	11.51	138	
INSTALL TOILET SEAT COVER DISPENSER	19.00	EA	11.51	219	
INSTALL SOAP DISPENSER	24.00	EA	11.51	276	
INSTALL SHOWER SEATS	4.00	EA	23.01	92	
INSTALL MOP HOLDER	1.00	EA	11.51	12	
INSTALL ROBE/CLOTHES HOOK	17.00	EA	5.75	98	
INSTALL STAINLESS STEEL SHELF	1.00	EA	11.51	12	
INSTALL DIAPER CHANGING STATION	2.00	EA	11.51	23	
*** Total Install Toilet Accessories				1,519	
** Total 10.17 - TOILET ACCESSORIES				17,024	
11.04 - AUDIO VISUAL EQUIPMENT					
Subcontractor					
AUDIO VISUAL SYSTEMS - BY OWNER	1.00	SCOPE			
*** Total Subcontractor					
** Total 11.04 - AUDIO VISUAL EQUIPMENT					
11.08 - RESIDENTIAL APPLIANCES					

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Description	Quantity	UM	Tot.UnitCost	TotalCost
Vendor				
RESIDENTIAL APPLIANCE VENDOR BID	1.00	LS		
*** Total Vendor				
Residential Appliances				
REFRIGERATOR	2.00	EA	975.00	1,950
UNDERCOUNTER REFRIGERATOR	3.00	EA	550.00	1,650
DISHWASHER	1.00	EA	622.00	622
RANGE	1.00	EA	1,050.00	1,050
WASHER - EXERCISE 81	1.00	EA	500.00	500
DRYER - EXERCISE 81	1.00	EA	450.00	450
ICEMAKER	1.00	EA	3,700.00	3,700
MICROWAVE WITH VENTED HOOD	1.00	EA	275.00	275
DELIVERY CHARGES	1.00	EA	20.00	20
ELECTRICAL CORD FOR APPLIANCES	4.00	EA	15.00	60
*** Total Residential Appliances				10,277
Install Residential Appliances				
INSTALL REFRIGERATOR	2.00	EA	62.14	124
INSTALL UNERCOUNTER REFRIGERATOR	3.00	EA	31.07	93
INSTALL DISHWASHER	1.00	EA	62.14	62
INSTALL RANGE	1.00	EA	62.14	62
INSTALL WASHER	1.00	EA	31.07	31
INSTALL DRYER	1.00	EA	31.07	31
INSTALL ICEMAKER	1.00	EA	31.07	31
INSTALL MICROWAVE WITH VENTED HOOD	1.00	EA	62.14	62
*** Total Install Residential Appliances				497
** Total 11.08 - RESIDENTIAL APPLIANCES				10,774
12.05 - BLINDS AND SHADES				
Subcontractor				
BLINDS SUB BID	1.00	LS		
*** Total Subcontractor				
Mecho Shades				
MANUAL MECO SHADES - 12'6 X 3' WINDOW EAST ELEVATION	37.50	SF	7.00	263
MANUAL MECO SHADES - 3'X8' WINDOW - VERTICAL WINDOWS	216.00	SF	7.00	1,512
MANUAL MECO SHADES - 4'X3' WINDOW SOUTH ELEVATION	12.00	SF	7.00	84
MANUAL MECO SHADES - 8'X3' WINDOW EAST ELEVATION	24.00	SF	7.00	168
MANUAL MECO SHADES - 8'X3' WINDOW SOUTH ELEVATION	24.00	SF	7.00	168
*** Total Mecho Shades				2,195
** Total 12.05 - BLINDS AND SHADES				2,195
12.09 - CURTAINS AND DRAPES				
Subcontractor				
CURTAINS & DRAPES SUB BID - MOVES TO FFE BUDGET	1.00	LS		
*** Total Subcontractor				
Curtains & Drapes				
CURTAINS - TRACK AND DRAPES AT EOC PASS THRU WINDOW	12.00	LF	175.00	2,100
CURTAINS - TRACK AND DRAPES AT WAR ROOM	60.00	LF	175.00	10,500
*** Total Curtains & Drapes				12,600
** Total 12.09 - CURTAINS AND DRAPES				12,600
15.01 - PLUMBING				

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Temporary Utilities				
TEMPORARY WATER SERVICE	1.00 LS	4,500.00	4,500	
*** Total Temporary Utilities			4,500	
Subcontractor				
PLUMBING SUB BID	1.00 LS			
*** Total Subcontractor				
Training				
OWNER TRAINING MANUALS AND TRAINING	30,484.00 SF	0.65	19,815	
*** Total Training			19,815	
Domestic Water Piping				
HOT AND COLD WATER PIPING	30,484.00 SF	2.57	78,344	
*** Total Domestic Water Piping			78,344	
Backflow Preventors & Specialties				
WATER HAMMER ARRESTORS	57.00 EA	110.00	6,270	
THERMO MIXING VALVES	4.00 EA	500.00	2,000	
HOSE BIBS 3/4"	20.00 EA	75.00	1,500	
*** Total Backflow Preventors & Specialties			9,770	
Domestic Water Pumps				
DOMESTIC WATER PUMP - DWP-1	1.00 EA	12,000.00	12,000	
DOMESTIC WATER PUMP - DWP-2	1.00 EA	12,000.00	12,000	
*** Total Domestic Water Pumps			24,000	
Sanitary Waste & Vent Piping				
SANITARY WASTE AND VENT - CORE AND SHELL - UG	30,484.00 SF	2.22	67,674	
SANITARY WASTE AND VENT - CORE AND SHELL - AG	30,484.00 SF	1.76	53,652	
*** Total Sanitary Waste & Vent Piping			121,326	
Floor Drains, Cleanouts, & Specialties				
FLOOR CLEANOUT - FCO	11.00 EA	275.00	3,025	
WALL CLEANOUT - WCO	6.00 EA	250.00	1,500	
EXPANSION TANK - ET-1	1.00 EA	770.00	770	
TRAP PRIMERS	16.00 EA	150.00	2,400	
*** Total Floor Drains, Cleanouts, & Specialt			7,695	
Other Pumps				
SUMP PUMPS	1.00 EA	2,700.00	2,700	
*** Total Other Pumps			2,700	
Fixtures, Drains, Connections				
WATER CLOSET, WALL HUNG, FLUSH VALVE - WC-1 AND WC-2	19.00 EA	1,834.00	34,846	
CARRIERS & SUPPORTS FOR WATER CLOSETS	19.00 EA	825.00	15,675	
URINAL, WALL HUNG FLUSH VALVE - UR-1	6.00 EA	1,955.00	11,730	
CARRIERS & SUPPORTS FOR URINALS	6.00 EA	520.00	3,120	
LAVATORY, COUNTERTOP, SELF-RIMMING	18.00 EA	1,428.00	25,704	
CARRIERS & SUPPORTS FOR LAVATORIES	18.00 EA	465.00	8,370	
SHOWER HEAD & TRIM	4.00 EA	350.00	1,400	
JANITORS SINK	1.00 EA	1,800.00	1,800	
DRINKING FOUNTAIN - DF-1	3.00 EA	2,350.00	7,050	
SINK - S1	3.00 EA	1,837.00	5,511	
SINK - S2	3.00 EA	1,837.00	5,511	
FLOOR DRAIN - FD-1	7.00 EA	560.00	3,920	
FLOOR DRAIN - FD-2	21.00 EA	560.00	11,760	
*** Total Fixtures, Drains, Connections			136,397	

Williamson County ESOC - GMP

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Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
Water Heaters				
ELEC WH, COMMERCIAL, 50 GALLON STORAGE CAPACITY	1.00 EA	7,275.00	7,275	
*** Total Water Heaters			7,275	
Misc. Pumps				
HWRP 1.1 - HOT WATER RECIRCULATING PUMP	1.00 EA	2,800.00	2,800	
HWRP 1.2 - HOT WATER RECIRCULATING PUMP	1.00 EA	2,800.00	2,800	
*** Total Misc. Pumps			5,600	
Water Storage Tanks				
5,000 GALLON WATER STORAGE TANK, PUMPS, PIPING - REDUCED FROM 50,000 PLACED IN MEP YARD	1.00 LS	16,500.00	16,500	
*** Total Water Storage Tanks			16,500	
Scope Items				
FIRESTOP OWN PENETRATIONS	49,428.00 SF	0.12	5,931	
HAUL OFF BUILDING PLUMBING SPOILS	3,000.00 CY	12.50	37,500	
*** Total Scope Items			43,431	
** Total 15.01 - PLUMBING			477,353	
15.02 - HVAC				
HVAC Subcontractor				
HVAC SUB BID	1.00 LS			
*** Total HVAC Subcontractor				
Training				
OWNER TRAINING MANUALS AND TRAINING	30,484.00 SF	0.65	19,815	
*** Total Training			19,815	
Test & Balance				
TEST & BALANCE ASSIST BY HVAC SUBCONTRACTOR	30,484.00 SF	0.77	23,473	
*** Total Test & Balance			23,473	
HVAC Controls Subcontractors				
DDC CONTROLS	30,484.00 SF	5.49	167,500	
*** Total HVAC Controls Subcontractors			167,500	
Chilled Water Piping				
4" INSULATION FOR CHILLED WATER SUPPLY AND RETURN	894.00 LF	26.78	23,937	
4" SCHEDULE 40 CS WELDED	894.00 LF	83.35	74,514	
6" INSULATION FOR CHILLED WATER SUPPLY AND RETURN	373.00 LF	36.23	13,512	
6" SCHEDULE 40 CS WELDED	373.00 LF	128.99	48,114	
ADD FOR UG WRAPPED	173.00 LF	44.10	7,629	
*** Total Chilled Water Piping			167,706	
Chilled Water Equipment				
AIR COOLED CHILLER 82.1 TONS - CHL -2	1.00 EA	67,700.00	67,700	
AIR COOLED CHILLER 82.1 TONS - CHL-1	1.00 EA	67,700.00	67,700	
CHEMICAL TREATMENT SYSTEMS	30,484.00 SF	0.07	2,049	
CHILLED WATER PUMPS - PCHWP-1 & PCHWP-2	2.00 EA	13,321.00	26,642	
VARIABLE FREQUENCY DRIVES - CHILLED WATER PUMPS	2.00 EA	700.00	1,400	
*** Total Chilled Water Equipment			165,491	
Hydronic Specialties				
AIR SEPARATOR AND EXPANSION TANKS - CHILLED WATER	1.00 LS	4,150.00	4,150	

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*** Total Hydronic Specialties				4,150	
Ductwork and Insulation					
GALVANIZED RECTANGULAR DUCT	35,056.00	LB	6.25	219,100	
DUCTWORK INSULATION	35,056.00	LB	1.97	69,043	
*** Total Ductwork and Insulation				288,143	
Flexible Duct					
FLEXIBLE DUCT	954.00	LF	9.40	8,968	
*** Total Flexible Duct				8,968	
Air Distribution Devices					
SUPPLY/RETURN DIFFUSERS	185.00	EA	100.00	18,500	
VAV BOX 0 - 800 CFM	33.00	EA	755.00	24,915	
VAV BOX 2000 - 3200 CFM	1.00	EA	1,350.00	1,350	
VAV BOX 800 - 2000 CFM	3.00	EA	922.00	2,766	
VAV BOXES GREATER THAN 3500 CFM	4.00	EA	2,200.00	8,800	
FIRE/SMOKE DAMPER	30,484.00	SF	0.32	9,755	
*** Total Air Distribution Devices				66,086	
Exhaust/Return Fans					
EXHAUST FANS -EF - 1	250.00	CFM	1.25	313	
EXHAUST FANS -EF - 2	200.00	CFM	1.25	250	
EXHAUST FANS -EF - 3	200.00	CFM	1.25	250	
EXHAUST FANS -EF - 4	100.00	CFM	1.25	125	
EXHAUST FANS -EF - 5	1,085.00	CFM	1.25	1,356	
*** Total Exhaust/Return Fans				2,294	
AHU - Air Handling Units					
AHU - #1 - DRAW THRU - 23,300CFM	23,300.00	CFM	4.33	100,891	
AHU - #2 - DRAW THRU - 23,300CFM	23,300.00	CFM	4.33	100,891	
VARIABLE FREQUENCY DRIVES - AHU#1	7.00	HP	120.00	840	
VARIABLE FREQUENCY DRIVES - AHU#2	7.00	HP	120.00	840	
*** Total AHU - Air Handling Units				203,463	
Computer Room A/C Units					
COMPUTER ROOM AIR CONDITIONING UNITS - CRAC - 1	1.00	EA	45,000.00	45,000	
COMPUTER ROOM AIR CONDITIONING UNITS - CRAC - 2	1.00	EA	45,000.00	45,000	
COMPUTER ROOM AIR CONDITIONING UNITS - CRAC - 3	1.00	EA	45,000.00	45,000	
*** Total Computer Room A/C Units				135,000	
HVAC Scope Items					
HOISTING FOR HVAC	1.00	LS	15,000.00	15,000	
MEP SUPPORTS	1.00	LS	15,000.00	15,000	
FIRESTOP OWN PENETRATIONS	30,484.00	SF	0.24	7,316	
TEMP. FILTERS - AHU's	30,484.00	SF	0.12	3,750	
PIPE/VALVE ID TAGS	30,484.00	SF	0.15	4,643	
WARRANTY/MAINT. DURING CONSTRUCTION START-UP	1.00	LS	22,500.00	22,500	
*** Total HVAC Scope Items				68,208	
** Total 15.02 - HVAC				1,320,296	
15.03 - FIRE PROTECTION					
Subcontractor					
FIRE PROTECTION SUB BID	1.00	LS	120.00	120	
*** Total Subcontractor				120	
Sprinkler Systems					
CLEAN AGENT SYSTEM	18,780.00	CF	3.11	58,406	
FIRE SPRINKLER SYSTEM - PRE-ACTION	7,689.00	SF	4.78	36,753	

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FIRE SPRINKLER SYSTEM - WET PIPE	21,145.00	SF	3.25	68,721
*** Total Sprinkler Systems				163,880
** Total 15.03 - FIRE PROTECTION				164,000
16.01 - ELECTRICAL				
Temporary Utilities				
TEMPORARY ELECTRIC SERVICE - JOBSITE OFFICE SETUP PER TRAILER	1.00	EA	12,000.00	12,000
*** Total Temporary Utilities				12,000
Electrical Subcontractor				
ELECTRICAL SUB BID	1.00	LS		
*** Total Electrical Subcontractor				
Feeders - Conduit w/ Wire				
11/4" CONDUIT AND WIRE - LP1 TO LP2	200.00	LF	22.33	4,466
11/4" CONDUIT AND WIRE - T6 TO CB1	20.00	LF	22.33	447
1/12" CONDUIT AND WIRE - BPS PNS 1 TO UPS PNLS 1A	30.00	LF	24.36	731
1/12" CONDUIT AND WIRE - BPS PNS 2 TO UPS PNLS 2A	30.00	LF	24.36	731
1/12" CONDUIT AND WIRE - BPS PNS 2 TO UPS PNLS2	40.00	LF	24.36	974
1/12" CONDUIT AND WIRE - BPS PNS 3 TO UPS PNLS 3A	30.00	LF	24.36	731
1/12" CONDUIT AND WIRE - BPS PNS 3 TO UPS PNLS3	30.00	LF	24.36	731
1/12" CONDUIT AND WIRE - BPS PNS 4 TO UPS PNLS 4A	25.00	LF	24.36	609
1/12" CONDUIT AND WIRE - BPS PNS 4 TO UPS PNLS4	30.00	LF	24.36	731
1/12" CONDUIT AND WIRE - BPS PNS 5 TO 911	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE - BPS PNS 5 TO UPS PNLS 5	25.00	LF	24.36	609
1/12" CONDUIT AND WIRE - BPS PNS1 TO UPS PNLS1	50.00	LF	24.36	1,218
1/12" CONDUIT AND WIRE - CB1 TO BPS5	100.00	LF	24.36	2,436
1/12" CONDUIT AND WIRE - PP PNLS 1A TO PP PNLS 1B	10.00	LF	24.36	244
1/12" CONDUIT AND WIRE - PP PNLS 2A TO PP PNLS 2B	10.00	LF	24.36	244
1/12" CONDUIT AND WIRE - PP PNLS 3A TO PP PNLS 3B	10.00	LF	24.36	244
1/12" CONDUIT AND WIRE - PP PNLS 4A TO PP PNLS 4B	10.00	LF	24.36	244
1/12" CONDUIT AND WIRE - PP10 TO BPS1	75.00	LF	24.36	1,827
1/12" CONDUIT AND WIRE - PP10 TO BPS3	45.00	LF	24.36	1,096
1/12" CONDUIT AND WIRE - PP11 TO BPS2	70.00	LF	24.36	1,705
1/12" CONDUIT AND WIRE - PP11 TO BPS4	40.00	LF	24.36	974
1/12" CONDUIT AND WIRE - SWBD1 TO T3	40.00	LF	24.36	974
1/12" CONDUIT AND WIRE - SWBD1 TO T5	50.00	LF	24.36	1,218
1/12" CONDUIT AND WIRE - UPS PNLS 1 TO UPS PNLS 1A	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE - UPS PNLS 2 TO UPS PNLS 2A	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE - UPS PNLS 3 TO UPS PNLS 3A	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE - UPS PNLS 4 TO UPS PNLS 4A	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE - UPS PNLS 5 TO UPS PNLS 5A	15.00	LF	24.36	365
1/12" CONDUIT AND WIRE -SWBD1 TO T4	40.00	LF	24.36	974
1/12" CONDUIT AND WIRE -SWBD1 TO T6	50.00	LF	24.36	1,218
2" CONDUIT AND WIRE - T3 TO LP1	15.00	LF	28.42	426
2" CONDUIT AND WIRE - T4 TO PP10	10.00	LF	28.42	284
2" CONDUIT AND WIRE - T5 TO PP11	10.00	LF	28.42	284

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21/2" CONDUIT AND WIRE - DP1 TO PP5	190.00 LF	32.48	6,171	
21/2" CONDUIT AND WIRE - DP1 TO PP7	190.00 LF	32.48	6,171	
21/2" CONDUIT AND WIRE - DP1 TO PP8	15.00 LF	32.48	487	
21/2" CONDUIT AND WIRE - DP1 TO PP9	15.00 LF	32.48	487	
3" CONDUIT AND WIRE - SWBD1 TO T2	25.00 LF	43.22	1,081	
4" CONDUIT AND WIRE - DP1 TO UPS6	80.00 LF	52.79	4,223	
4" CONDUIT AND WIRE - PP6A TO PP6B	25.00 LF	52.79	1,320	
4" CONDUIT AND WIRE - SWBD1 TO ATS1	35.00 LF	52.79	1,848	
4" CONDUIT AND WIRE - T1 TO SWBD1	160.00 LF	52.79	8,446	
4" CONDUIT AND WIRE - T2 TO DP1	20.00 LF	52.79	1,056	
4" CONDUIT AND WIRE - UPS 6 TO PP6A	40.00 LF	52.79	2,112	
*** Total Feeders - Conduit w/ Wire			61,963	
Distribution Panels and Panelboards				
120/208 V, 4 WIRE, 225 AMP PANELS - PP5, PP7, PP8, & PP9	4.00 EA	1,850.36	7,401	
120/240 V, 4 WIRE, 200 AMP PANELS - PP10 & PP11	2.00 EA	1,850.36	3,701	
120/240 V, 4 WIRE, 100 AMP PANEL - PP1A, PP2A, PP3A, PP4A, E911	5.00 EA	1,832.00	9,160	
120/240 V, 4 WIRE, 100 AMP PANEL - PP1B, PP2B, PP3B, PP4B	4.00 EA	1,832.00	7,328	
277/480 V, 4 WIRE, 100 AMP PANEL - LP1 & LP2	2.00 EA	1,832.00	3,664	
208/120 V, 4 WIRE, 800 AMP PANEL - PP6A & PP6B	2.00 EA	8,860.00	17,720	
208/120 V, 4 WIRE, 1200 AMP PANEL - DP1	1.00 EA	15,200.00	15,200	
*** Total Distribution Panels and Panelboards			64,174	
Branch Circuiting				
DUPLEX OUTLET	373.00 EA	51.68	19,277	
DUPLEX OUTLET - GFCI	30.00 EA	51.68	1,550	
QUAD OUTLET	27.00 EA	188.98	5,102	
SINGLE POLE SWITCH	101.00 EA	57.28	5,785	
3 WAY SWITCH	57.00 EA	60.49	3,448	
SPECIAL NEMA RECEPTACLE	1.00 EA	123.36	123	
FEEDER FOR MICROWAVE	50.00 FT	6.60	330	
FEEDER FOR RANGE	100.00 FT	10.50	1,050	
FEEDER FOR REFRIGERATOR	100.00 FT	6.60	660	
DATA FLOOR BOX	69.00 EA	309.58	21,361	
OCCUPANCY SENSOR	59.00 EA	153.00	9,027	
FLOOR MOUNTED DUPLEX	45.00 EA	77.00	3,465	
FLOOR MOUNTED QUAD	67.00 EA	210.00	14,070	
RECEPTACLE/DATA/AV OUTLET FLOOR MOUNTED	25.00 EA	210.00	5,250	
AUDIO/VISUAL JUNCTION BOX	83.00 EA	65.00	5,395	
CONDUIT AND WIRE FOR BRANCH CIRCUITING	1,071.00 EA	147.00	157,437	
DATA - JUNCTION BOX	134.00 EA	65.00	8,710	
*** Total Branch Circuiting			262,041	
Cable Tray				
16" CABLE TRAY	87.00 LF	28.00	2,436	
20" CABLE TRAY	36.00 LF	30.38	1,094	
30" CABLE TRAY	7.00 LF	38.00	266	
*** Total Cable Tray			3,796	
Building Light Fixtures				
LIGHT FIXTURE - TYPE F1 AND F1E	17.00 EA	177.00	3,009	
LIGHT FIXTURE - TYPE F2 AND F2E	112.00 EA	234.54	26,268	
LIGHT FIXTURE - TYPE F3 AND F3E	78.00 EA	302.00	23,556	
LIGHT FIXTURE - TYPE F4 AND F4E	20.00 EA	312.00	6,240	
LIGHT FIXTURE - TYPE F5 AND F5E	6.00 EA	234.00	1,404	
LIGHT FIXTURE - TYPE F8A	75.00 LF	120.00	9,000	

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LIGHT FIXTURE - TYPE F10 AND F10E	9.00 EA	234.00	2,106	
LIGHT FIXTURE - TYPE F9	1.00 EA	155.00	155	
LIGHT FIXTURE - TYPE D1 AND D1E	24.00 EA	198.00	4,752	
LIGHT FIXTURE - TYPE D2 AND D2E	6.00 EA	185.00	1,110	
LIGHT FIXTURE - TYPE D5	41.00 EA	198.00	8,118	
LIGHT FIXTURE - TYPE D6	31.00 EA	198.00	6,138	
LIGHT FIXTURE - TYPE D7E	65.00 EA	198.00	12,870	
LIGHT FIXTURE - TYPE D8E	1.00 EA	550.00	550	
LIGHT FIXTURE - TYPE D9 AND D9E	7.00 EA	550.00	3,850	
LIGHT FIXTURE - TYPE W1	4.00 EA	436.00	1,744	
LIGHT FIXTURE - TYPE W2	11.00 EA	335.00	3,685	
EMERGENCY BALLASTS	44.00 EA	125.00	5,500	
OCCUPANCY SENSOR	59.00 EA	225.00	13,275	
CONDUIT AND WIRE FOR LIGHT FIXTURES	639.00 EA	212.00	135,468	
EXIT LIGHT - X1	23.00 EA	316.00	7,268	
EXIT LIGHT - X2	4.00 EA	316.00	1,264	
EXIT LIGHT - X3	1.00 EA	316.00	316	
*** Total Building Light Fixtures			277,646	
UPS Systems				
225 KVA UPS	225.00 KVA	855.56	192,500	
*** Total UPS Systems			192,500	
Emergency Generator				
1000 KW EMERGENCY GENERATOR	1,000.00 KW	425.00	425,000	
FUEL FOR EMERGENCY GENERATOR FILL UP - BY OWNER	1.00 SCOPE			
FUEL FOR EMERGENCY GENERATOR TESTING	200.00 GAL	5.00	1,000	
*** Total Emergency Generator			426,000	
Lightning Protection				
LIGHTNING PROTECTION & GROUNDING	30,484.00 SF	2.65	80,731	
*** Total Lightning Protection			80,731	
HVAC Connections				
CRAC UNITS	3.00 EA	1,509.00	4,527	
AHU'S	2.00 EA	2,750.00	5,500	
CHILLERS	2.00 EA	3,100.00	6,200	
DOMESTIC WATER PUMP	1.00 EA	2,200.00	2,200	
PRIMARY CHILLED WATER PUMPS	2.00 EA	2,200.00	4,400	
*** Total HVAC Connections			22,827	
Main Switchboard				
2000 AMP MAIN SWITCH BOARD	1.00 EA	130,000.00	130,000	
*** Total Main Switchboard			130,000	
Transformers				
3 PH 240/480-120/208 37.5 KVA	2.00 EA	2,706.00	5,412	
3 PH 240/480-120/208 45 KVA	1.00 EA	3,482.00	3,482	
3 PH 240/480-120/208 500 KVA	1.00 EA	27,554.00	27,554	
PAD MOUNTED TRANSFORMER - 1000 KVA - N3R	1.00 EA	54,655.00	54,655	
15 KVA TRANSFORMER	1.00 EA	1,507.00	1,507	
*** Total Transformers			92,610	
Fire Alarm				
FIRE ALARM SMOKE DETECTOR	16.00 EA	377.00	6,032	
FIRE ALARM- EXTERIOR BELL AND STROBE	2.00 EA	377.00	754	
FIRE ALARM- INDICATING STROBE	27.00 EA	377.00	10,179	
FIRE ALARM- INDICATING STROBE/HORN	20.00 EA	377.00	7,540	
FIRE ALARM ANNUNCIATOR PANEL	1.00 EA	2,700.00	2,700	
FIRE ALARM CONTROL PANEL	1.00 EA	7,700.00	7,700	

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FIRE ALARM PRE-ACTION PANEL	1.00	EA	2,700.00	2,700	
HEAT DETECTOR	2.00	EA	355.00	710	
HEAT DETECTOR - FIXED TEMPERATURE	1.00	EA	355.00	355	
PULL STATION	12.00	EA	329.00	3,948	
FIRE ALARM ROUGH IN	85.00	EA	147.00	12,495	
TAMPER/FLOW SWITCH	2.00	EA	336.00	672	
*** Total Fire Alarm				55,785	
Other Electrical					
POWER MONITORING SYSTEM	1.00	LS	55,000.00	55,000	
75' FOOT HIGH ANTENNA SYSTEM WITH FOUNDATION	1.00	LS	26,800.00	26,800	
SURGE PROTECTIVE DEVICE	1.00	LS	21,000.00	21,000	
*** Total Other Electrical				102,800	
Data/Telecom Rough in					
TELE/DATA CABLE TRAY	137.00	LF	33.00	4,521	
TELECOM/DATA DROP	737.00	EA	85.33	62,888	
WIRELESS ACCESS POINT	64.00	EA	22.69	1,452	
TV OUTLET	635.00	EA	85.33	54,185	
1" CONDUIT	9,795.00	LF	5.80	56,811	
TELEPHONE BACKER BOARD - PLYWOOD	512.00	SF	2.50	1,280	
*** Total Data/Telecom Rough in				181,137	
Audio Equipment					
PROJECTION SCREEN ROUGH -INS	3.00	EA	545.00	1,635	
LECTERN ROUGH - IN	2.00	EA	300.00	600	
*** Total Audio Equipment				2,235	
Video Equipment					
MONITOR ROUGH INS	68.00	EA	330.00	22,440	
*** Total Video Equipment				22,440	
Security Rough In					
CAMERAS	21.00	EA	69.50	1,460	
ALARMS	2.00	EA	69.25	139	
CARD READERS	51.00	EA	69.20	3,529	
KEYPADS	6.00	EA	69.25	416	
INTERCOM	4.00	EA	69.25	277	
PANIC BUTTONS	1.00	EA	69.20	69	
CONDUIT AND WIRE	85.00	EA	254.99	21,674	
*** Total Security Rough In				27,563	
** Total 16.01 - ELECTRICAL				2,018,248	
16.04 - TELECOM/DATA					
Subcontractor					
TELE/DATA SYSTEMS BY OWNER	1.00	SCOPE			
*** Total Subcontractor					
** Total 16.04 - TELECOM/DATA					
17.06 - SECURITY					
Security Rough In					
CARD READERS FOR ACCESS CONTROL	51.00	EA	1,000.00	51,000	
INTERCOMS	4.00	EA	1,200.00	4,800	
KEYPADS	6.00	EA	750.00	4,500	
ALARMS	2.00	EA	350.00	700	
ACCESS WORKSTATION	1.00	EA	4,400.00	4,400	
DURESS ALARM	1.00	EA	350.00	350	
METAL DETECTOR	1.00	EA	5,700.00	5,700	
*** Total Security Rough In				71,450	
Electronic Surveillance					

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Loc: Georgetown, Texas

Est Date: 11/02/2011

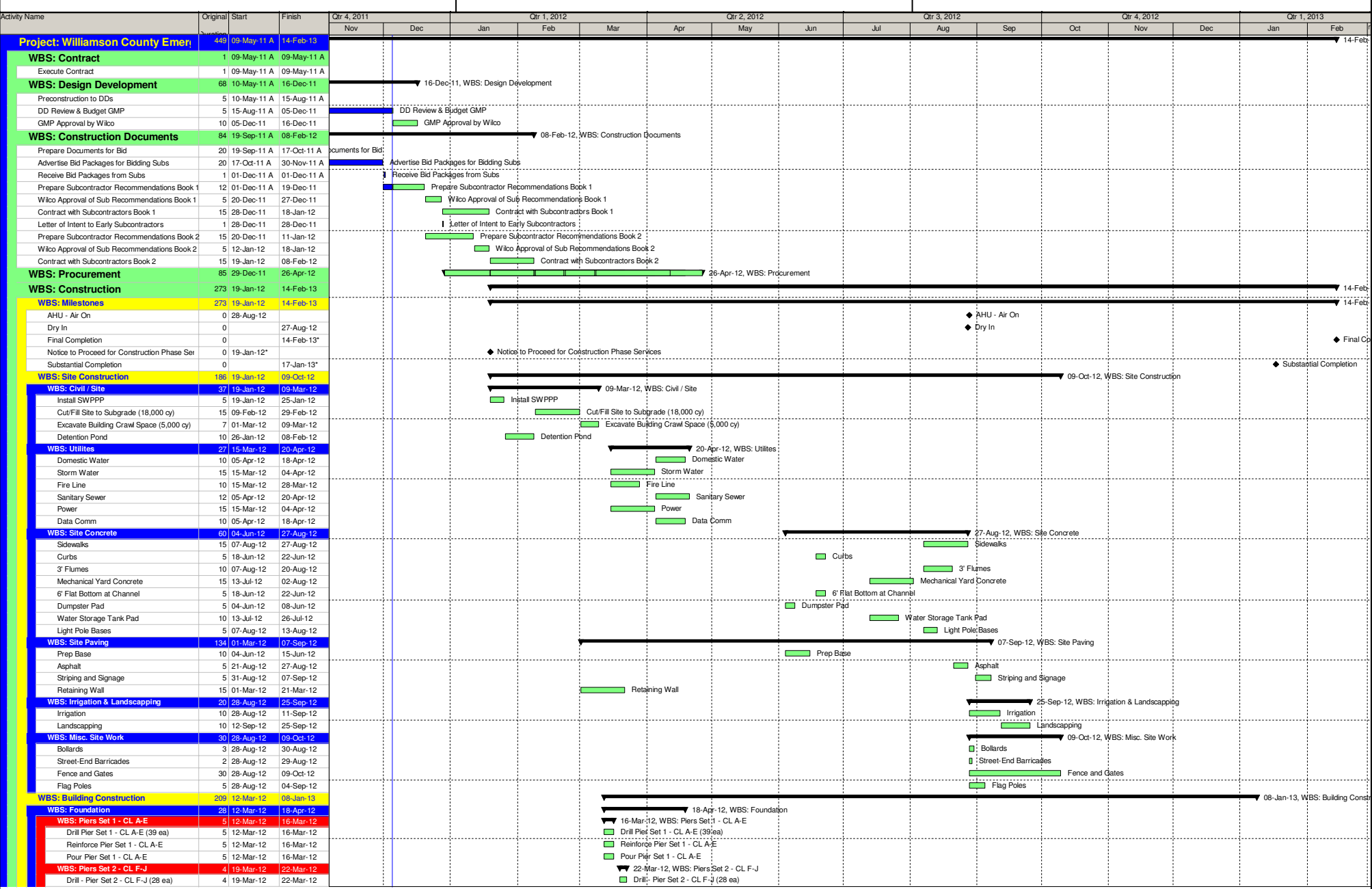
Project Size: 30484 sqft

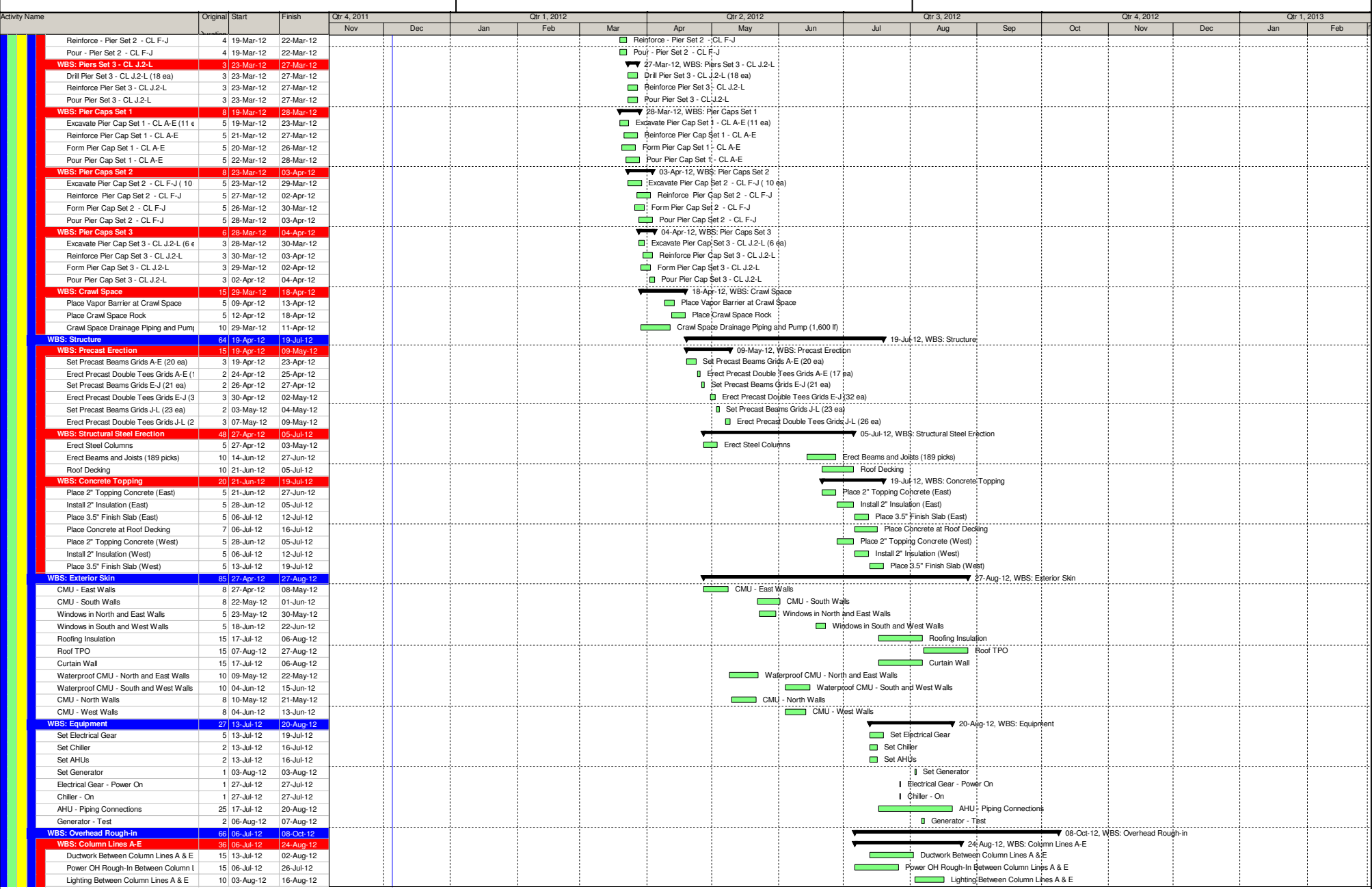
Estimator: Stephen N. Skabla Jr.

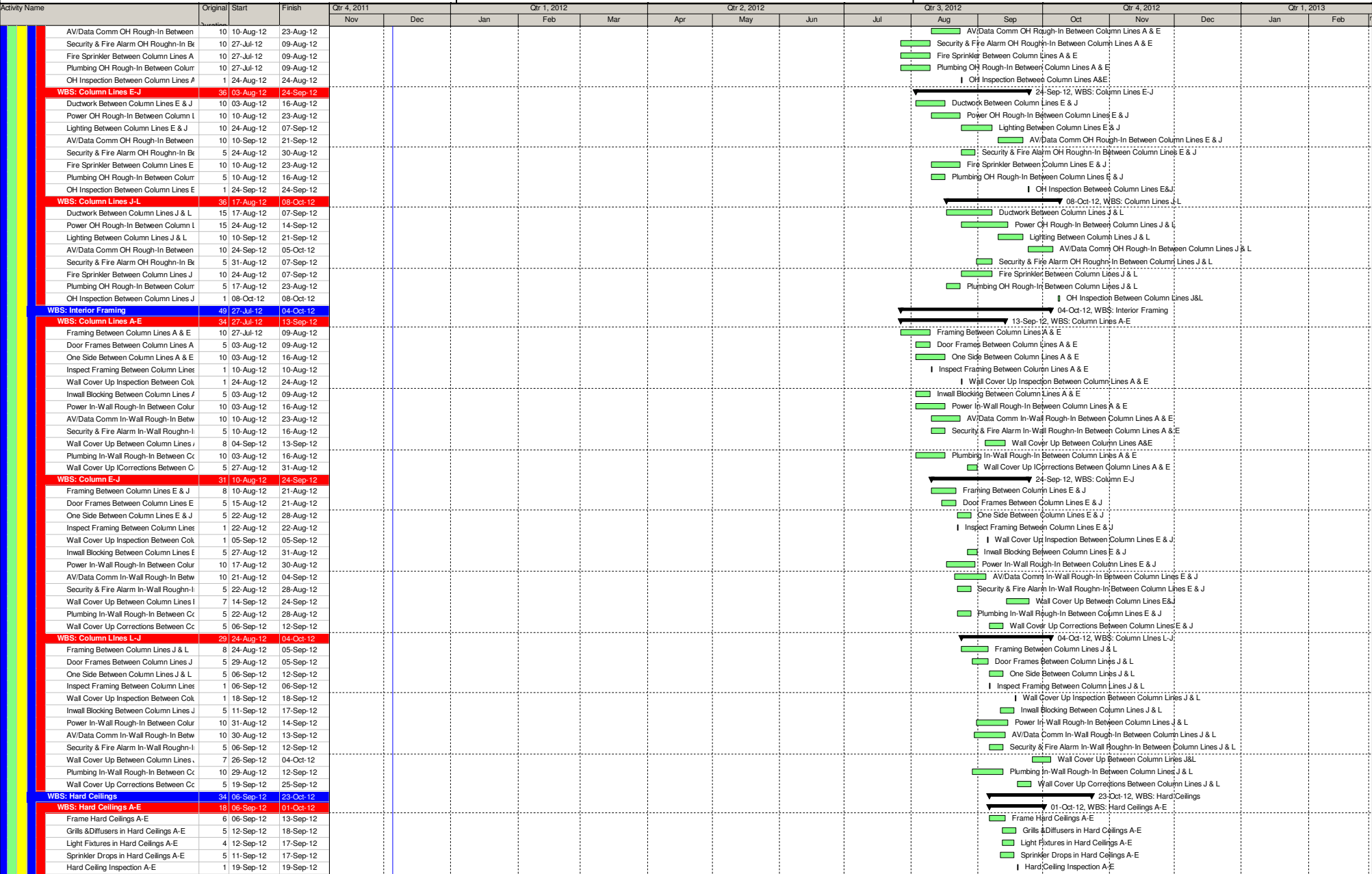
Type:

Cost of Work Summary

Description	Quantity UM	Tot.UnitCost	TotalCost	
INTERIOR CAMERA	12.00 EA	1,500.00	18,000	
EXTERIOR PTZ CAMERAS	9.00 EA	2,200.00	19,800	
LIGHTNING PROTECTION FOR PTZ CAMERAS	9.00 EA	150.00	1,350	
RACKMOUNT DRAWER WITH 19" WIDESCREEN LCD, 8 PORT PS/2, USB & SUN MULTI-PLATFORM KVM	1.00 EA	1,400.00	1,400	
*** Total Electronic Surveillance			40,550	
** Total 17.06 - SECURITY			112,000	
* Total BUILDING COSTS			8,412,442	
Total Estimate			10,801,524	







Actual Work Critical Remaining Work
Remaining Work ◆ Milestone

Actual Work
 Critical Remaining Work
 Remaining Work

 Milestone

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TASK filter: All Activities

(c) Primavera Systems, Inc.

Activity Name	Original Duration	Start	Finish	Qtr 4, 2011		Qtr 1, 2012			Qtr 2, 2012			Qtr 3, 2012			Qtr 4, 2012			Qtr 1, 2013	
				Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Ceiling Tile Between Column Lines J&L	5	05-Dec-12	11-Dec-12																
Clean for S.C. Area J-L	2	27-Dec-12	28-Dec-12																
Grills in Grid Area J-L	5	16-Nov-12	26-Nov-12																
Sprinkler Drops in Grid J-L	5	16-Nov-12	26-Nov-12																
Grid Ceiling Corrections J-L	5	28-Nov-12	04-Dec-12																
Grid Ceiling Inspection J-L	1	27-Nov-12	27-Nov-12																
Porcelain Tile Flooring Between Lobby.	5	05-Dec-12	11-Dec-12																
WBS: Substantial Completion	27	09-Jan-13	14-Feb-13																
A/E & Owner S.C. Punch List	2	09-Jan-13	10-Jan-13																
Corrections of A/E & Owner S.C. Punch List	20	18-Jan-13	14-Feb-13																
Owner Furnishings	5	11-Jan-13	17-Jan-13																
Final Clean	5	11-Jan-13	17-Jan-13																