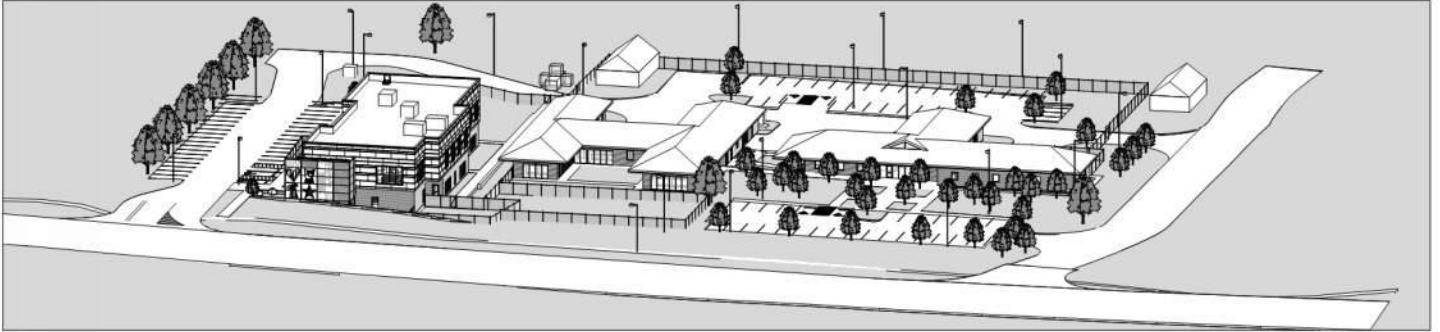




Williamson County, Texas Regional Animal Shelter

Vaughn Project No. 2491-01

18551 SE Inner Loop

Georgetown, Texas 78626

Guaranteed Maximum Price

*Volume No. 1 of 1
November 15, 2017*

VAUGHN
CONSTRUCTION



November 15, 2017

6604 N Lamar
Austin, Texas 78752

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

Telephone:
(512) 318-1332

Facsimile:
(512) 681-9751

Attention: Judge Dan A. Gattis

Project: Williamson County Regional Animal Shelter
Project No. 16042
Vaughn Project No. 2491

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

A handwritten signature in blue ink, appearing to read "DBoram", with a stylized flourish at the end.

Doug Boram

CC: 2491-01-File

Attachments:

**Williamson County
Regional Animal Shelter
Georgetown, Texas**

**Project No. 16042
Vaughn Project No. 2491-01**

Guaranteed Maximum Price Submittal

Table of Contents

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Tab 2 – Executive Project Summary

Tab 3 – Project Team

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Tab 5 – Qualifications and Value Engineering

Tab 6 – GMP Proposal Cost Breakdown

Tab 7 – Master Project Schedule

Tab #1

GUARANTEED MAXIMUM PRICE PROPOSAL

J.T. Vaughn Construction, LLC (the "Construction Manager") hereby submits to Williamson County, Texas (the "Owner") for the use and benefit of Owner pursuant to the provisions of the Agreement Between Owner and Construction Manager-at-Risk dated December 12, 2017 (the "Agreement"), a Guaranteed Maximum Price (GMP) proposal for the construction of the Williamson County Regional Animal Shelter, (the "Project", as defined in the Agreement), based on the Contract Documents (as defined by the Agreement) developed for the Project, as follows:

1. A not-to-exceed amount for the Cost of the Work pursuant to the Agreement:

\$8,636,933

2. A not-to-exceed amount for the Construction Contingency pursuant to the Agreement:

\$228,082

3. A not-to-exceed amount for the Owner's Contingency pursuant to the Agreement (This is an amount from which changes are to be paid in accordance with the Uniform General Conditions for Williamson County ("General Conditions"), the Supplementary or other Conditions. Any unused amount will be deducted from the Guaranteed Maximum Price by Change Order.):

\$300,000

4. A lump sum amount for the Construction Manager's Fee pursuant to the Agreement:

\$270,163

5. A lump sum amount for Temporary Dog Housing, pursuant to the Agreement:

\$64,117

6. TOTAL OF ITEMS 1 THROUGH 5:

The total sum of the above Items 1-4, which is set forth below, is the Guaranteed Maximum Price (GMP) which the Construction Manager hereby guarantees to the Owner for constructing the Project complete in place and operational in accordance with the Contract Documents. All attached breakdowns shall total this GMP amount.

GMP: \$9,499,295

Construction Manager hereby guarantees to the Owner not to exceed the GMP amount, subject to additions or deductions as provided in the Contract Documents. Except for additions or deductions as provided in the Contract Documents, costs which would cause the GMP to be exceeded shall be paid by the Construction Manager without reimbursement by the Owner.

Contract Time

The date for achieving Substantial Completion of the Project shall be:

407 calendar days from Notice to Proceed with Construction.

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

The 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.

ACCEPTED AND EXECUTED this _____ day of _____, 20____.

OWNER:

WILLIAMSON COUNTY, TEXAS,
a political subdivision of the state of Texas

By: _____

Printed Name: Dan A. Gattis

Title: Williamson County Judge

CONSTRUCTION MANAGER:

By: _____

Printed Name: Thomas Vaughn, CEO

Title: _____

Tab #2

**Williamson County
Regional Animal Shelter
Georgetown, Texas**

**Project No. 16042
Vaughn Project No. 2491-01**

Guaranteed Maximum Price Submittal

Executive Summary

Project Description:

The Williamson County Regional Animal Shelter is located at 1855 SE Inner Loop, Georgetown, TX 78626.

Williamson County Regional Animal Shelter project will include:

- A new two-story main building of approximately 16,970 sq. ft with public lobby, administration offices, 80 dog kennels, 84 cat cages, and related site work including new parking and dog exercise yards.
- Portions of two existing building with a total of 15,223 sq. ft. will be renovated including 56 dog kennels, dishwash and laundry area and a new cat iso area. The renovation will also include new surgery and surgery prep rooms. Both buildings will receive new air handlers for the renovated areas.

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 the project sitework and constructing the foundation of the buildings 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 Jackson & Ryan Architects on September 27, 2017. Receiving subcontractor proposals on November 9, 2017 and starting Construction on January 2, 2018.

The critical path for the project currently runs through the start of the new Adoption Building and site work as well as the coordination of working in the partially occupied buildings to be renovated.

Key Dates:

NTP w/ Construction Services – January 2, 2018

Start New Adoption Building – January 2, 2018

Start Main Building Renovation – April 2, 2018

Start Kennel Building Renovation – June 13, 2018

New Adoption Building Substantial Completion – February 15, 2019

Main Building Renovation Substantial Completion – June 6, 2018

Main Kennel Renovation Substantial Completion – February 15, 2019

Alternates:

Current alternates are identified as:

None

Tab #3

**Williamson County
Regional Animal Shelter
Georgetown, Texas**

**Project No. 16042
Vaughn Project No. 2491-01**

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 – Rad Manning

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

Project Superintendent – Jay McGilton

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 – Paul Smith

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.

Assistant Project Manager – Thomas Morrill

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

Project Engineer – TBD

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

Assistant Superintendent – TBD

Assists in daily onsite responsibility for field operations, coordination of trades, schedule compliance, deliveries, QA/QC, and safety. The Assistant Superintendent coordinates with Project Superintendent.

Tab #4

Exhibit "C"

List of Documents

1. Agreement dated the 12th day December 2017, between Williamson County, Texas and J.T. Vaughn Construction, LLC (Contractor).
2. Specifications issued by Jackson & Ryan Architects dated September 27, 2017, entitled "Williamson County Regional Animal Shelter."

<u>NUMBER</u>	<u>TITLE</u>	<u>PAGES</u>
00 01 10	TABLE OF CONTENTS	6
00 26 00	PROCUREMENT SUBSTITUTION PROCEDURES	2
00 31 32	GEOTECHNICAL DATA	1
00 52 00	AGREEMENT FORMS	2
00 72 00	GENERAL CONDITIONS	1
01 10 00	SUMMARY	5
01 21 00	ALLOWANCES	3
01 23 00	ALTERNATES	2
01 25 00	SUBSTITUTION PROCEDURES	3
01 26 00	CONTRACT MODIFICATION PROCEDURES	2
01 29 00	PAYMENT PROCEDURES	4
01 31 00	PROJECT MANAGEMENT AND COORDINATION	9
01 32 00	CONSTRUCTION PROGRESS DOCUMENTATION	7
01 33 00	SUBMITTAL PROCEDURES	9
01 40 00	QUALITY REQUIREMENTS	10
01 42 00	REFERENCES	3
01 43 39	MOCKUPS	4
01 50 00	TEMPORARY FACILITIES AND CONTROLS	9
01 60 00	PRODUCT REQUIREMENTS	6
01 73 00	EXECUTION	10
01 77 00	CLOSEOUT PROCEDURES	6
01 78 23	OPERATION AND MAINTENANCE DATA	7
01 78 39	PROJECT RECORD DOCUMENTS	4
01 79 00	DEMONSTRATION AND TRAINING	4
02 41 19	SELECTIVE DEMOLITION	6
03 30 00	CAST-IN-PLACE CONCRETE	9
03 48 16	PRECAST CONCRETE SPLASH BLOCKS	3
04 21 26	GLAZED STRUCTURAL CLAY TILE MASONRY	11
04 22 00	CONCRETE UNIT MASONRY	15
05 12 00	STRUCTURAL STEEL FRAMING	8
05 21 00	STEEL JOIST FRAMING	4
05 31 00	STEEL DECKING	5
05 40 00	COLD-FORMED METAL FRAMING	6
05 50 00	METAL FABRICATIONS	7
05 51 13	METAL PAN STAIRS	5
05 52 13	PIPE AND TUBE RAILINGS	6
06 10 53	MISCELLANEOUS ROUGH CARPENTRY	5
06 16 00	SHEATHING	3
06 41 16	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS	7
06 64 00	PLASTIC PANELING	3
07 11 13	BITUMINOUS DAMPPROOFING	3
07 17 00	BENTONITE WATERPROOFING	4
07 21 00	THERMAL INSULATION	3

Exhibit "C"

07 27 26	FLUID-APPLIED MEMBRANE AIR BARRIERS	7
07 46 46	FIBER-CEMENT SIDING	4
07 54 23	THERMOPLASTIC POLYOLEFIN (TPO) ROOFING	9
07 62 00	SHEET METAL FLASHING AND TRIM	10
07 65 00	FLEXIBLE FLASHING	2
07 72 00	ROOF ACCESSORIES	7
07 84 13	PENETRATION FIRESTOPPING	5
07 84 43	JOINT FIRESTOPPING	4
07 92 00	JOINT SEALANTS	10
07 92 19	ACOUSTICAL JOINT SEALANTS	3
08 11 13	HOLLOW METAL DOORS AND FRAMES	8
08 14 16	FLUSH WOOD DOORS	4
08 16 00	COMPOSITE DOORS	5
08 31 13	ACCESS DOOR AND FRAMES	3
08 41 13	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	9
08 71 00	DOOR HARDWARE	19
08 80 00	GLAZING	10
08 81 13	DECORATIVE GLASS GLAZING	5
08 91 19	FIXED LOUVERS	5
09 21 16.23	GYPSUM BOARD SHAFT WALL ASSYMBLIES	4
09 22 16	NON-STRUCTURAL METAL FRAMING	6
09 24 43	ACOUSTICAL CEMENT PLASTERING	4
09 29 00	GYPSUM BOARD	7
09 30 13	CERAMIC TILING	10
09 51 13	ACOUSTICAL PANEL CEILINGS	8
09 61 56	DECORATIVE CONCRETE FLOOR FINISHING	6
09 65 13	RESILIENT BASE AND ACCESSORIES	4
09 65 16	RESILIENT SHEET FLOORING	3
09 67 23	RESINOUS FLOORING	6
09 84 36	SOUND-ABSORBING CEILING UNITS	4
09 91 13	EXTERIOR PAINTING	6
09 91 23	INTERIOR PAINTING	8
09 96 00	HIGH-PERFORMANCE COATINGS	5
09 97 24	PENETRATING LIQUID FLOOR TREATMENT	2
10 14 16	PLAQUES	4
10 14 19	DIMENSIONAL LETTER SIGNAGE	5
10 14 23	PANEL SIGNAGE	6
10 21 13.19	PLASTIC TOILET COMPARTMENTS	4
10 26 00	WALL AND DOOR PROTECTION	4
10 28 00	TOILET, BATH, AND LAUNDRY ACCESSORIES	3
10 44 13	FIRE PROTECTION CABINETS	4
10 44 16	FIRE EXTINGUISHERS	3
10 73 00	PROTECTIVE COVERS	6
11 23 00	COMMERCIAL LAUNDRY AND DRY CLEANING EQUIPMENT	3
11 31 00	RESIDENTIAL APPLIANCES	2
11 94 00	VETERINARY EQUIPMENT	2
12 36 16	METAL COUNTERTOPS	3
12 36 61.19	QUARTZ AGGLOMERATE COUNTERTOPS	3
13 19 13	KENNEL ENCLOSURES AND GATES	3
14 24 00	HYDRAULIC ELEVATORS	9
21 05 53	IDENTIFICATION FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT	5
21 11 00	FACILITY FIRE-SUPPRESSION WATER SERVICE PIPING	7

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21 13 00	FIRE SUPPRESSION SYSTEMS	7
21 13 13	FIRE SUPPRESSION SPRINKLER SYSTEMS	8
22 05 00	COMMON WORK RESULTS FOR PLUMBING	14
22 05 26	PIPE AND PIPE FITTINGS	10
22 05 29	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	7
22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	5
22 07 19	PLUMBING PIPING INSULATION	7
22 11 16	DOMESTIC WATER PIPING SYSTEMS	8
22 11 17	GAS PIPING AND APPURTENANCES	4
22 11 19	DOMESTIC WATER PIPING SPECIALTIES	2
22 11 23	PLUMBING PUMPS	2
22 13 16	SANITARY WASTE AND VENT PIPING	7
22 13 19	SANITARY WASTE PIPING SPECIALTIES	4
22 35 00	GAS FIRED DOMESTIC WATER HEATERS	2
22 40 00	PLUMBING FIXTURES	8
23 00 10	MECHANICAL GENERAL PROVISIONS	12
23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	6
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	5
23 07 00	INSULATION – GENERAL	3
23 07 13	EXTERNAL DUCT INSULATION	6
23 08 00	COMMISSIONING OF HVAC SYSTEMS	4
23 09 23	DIRECT-DIGITAL CONTROL SYSTEM FOR HVAC	36
23 23 00	REFRIGERANT PIPING	7
23 31 13	DUCTWORK	12
23 33 00	AIR DUCT ACCESSORIES	11
23 34 13	FANS	5
23 36 00	AIR TERMINAL UNITS	3
23 37 13	AIR DEVICES	3
23 41 00	PARTICULATE AIR FILTRATION	4
23 62 00	AIR-COOLED DX CONDENSING UNITS	4
23 74 00	PACKAGED ROOFTOP AHUS – GAS HEAT	7
23 82 19	FAN COIL UNITS	4
26 00 05	ELECTRICAL SERVICE	2
26 05 00	ELECTRICAL GENERAL PROVISIONS	19
26 05 19	INSULATED CONDUCTORS	3
26 05 26	GROUNDING AND BONDING	8
26 05 29	METAL FRAMING AND SUPPORTS	2
26 05 33	RACEWAYS	4
26 05 37	BOXES	3
26 05 43	UNDERGROUND DUCT BANKS	3
26 05 53	ELECTRICAL IDENTIFICATION	6
26 05 73	PROTECTIVE RELAY, DEVICE COORDINATION AND ARC FLASH STUDY	7
26 22 14	HIGH EFFICIENCY K-FACTOR DRY-TYPE TRANSFORMER	9
26 24 16	PANELBOARDS – DISTRIBUTION AND BRANCH CIRCUIT	3
26 27 26	WIRING DEVICES	7
26 28 13	FUSES – 600 VOLT AND BELOW	2
26 28 16	ENCLOSED SAFETY SWITCHES	3
26 29 13	MOTOR STARTERS – 600 VOLT AND BELOW	4
26 41 00	LIGHTNING PROTECTION SYSTEM	7
26 43 15	SURGE PROTECTION DEVICES IN PANELBOARD EXTENSIONS	7

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26 51 00	INTERIOR AND EXTERIOR LIGHTING	8
28 31 00	FIRE ALARM AND SMOKE DETECTION SYSTEM	17
G1	BARRICADES, SIGNS AND TRAFFIC HANDLING	1
G2	SITE PREPARATION	2
G3	SITE CLEARING	2
G4	TRENCHING, BACKFILLING AND COMPACTION	5
G5	GRANULAR FILL MATERIALS	2
G6	SEDIMENTATION AND TEMPORARY EROSION CONTROL	7
G7	LOAMING, HYDROSEEDING AND PERMANENT EROSION CONTROL	5
G8	MISCELLANEOUS WORK AND CLEAN-UP	2
G9	STRUCTURAL EXCAVATION	3
SD1	HOT MIX ASPHALTIC CONCRETE PAVEMENT	4
SD2	ROADWAY EXCAVATION	1
SD3	EMBANKMENT AND SUBGRADE	4
SD4	FLEXIBLE BASE	3
SD5	STRIPING	2
SD6	STORM SEWER MANHOLES	5
W1	DUCTILE IRON PIPE AND FITTINGS	5
W2	POLYVINYL CHLORIDE (PVC) PIPE WATER	4
W3	VALVES, HYDRANTS AND APPURTENANCES	8
W4	ENCASEMENT PIPE	2
WW1	PRECAST CONCRETE MANHOLES	5
WW2	POLYVINYL CHLORIDE (PVC) PIPE-WASTEWATER	3
WW3	CONNECTIONS TO AND WORK ON THE EXISTING SYSTEM	1
C1	CONCRETE STRUCTURES	7
C2	CONCRETE FOR STRUCTURES	5
C3	RIPRAP	2
C4	CONCRETE CURB AND GUTTER	2
C5	CONCRETE SIDEWALKS, DRIVEWAYS AND FLATWORK	2
C6	MEMBRANE CURING	2
C7	REINFORCING STEEL	4
C8	REINFORCED CONCRETE PIPE	5
C9	FLOWABLE BACKFILL	1
32 14 16	EXTERIOR UNIT PAVERS	4
31 31 16	TERMITE CONTROL	4
31 63 29	DRILLED CONCRETE PIERS AND SHAFTS	8
32 31 13	CHAIN LINK FENCES AND GATES	6
32 31 19	DECORATIVE METAL FENCES AND GATES	7
32 84 00	LANDSCAPE IRRIGATION	18
32 93 00	LANDSCAPE PREPARATION, SOILS, PLANTS & ACCESSORIES	15

3. Drawings issued by Jackson & Ryan Architects dated September 27, 2017, entitled "Williamson County Regional Animal Shelter."

<u>NUMBER</u>	<u>TITLE</u>	<u>DATE</u>
1	COVER SHEET	09/27/2017
2	GENERAL NOTES	09/27/2017
3	EXISTING SURVEY	09/27/2017
4	EXISTING CONDITIONS AND DEMOLITION PLAN	09/27/2017
5	EROSION AND SEDIMENTATION CONTROL PLAN	09/27/2017

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6	SITE PLAN	09/27/2017
7	DIMENSION CONTROL PLAN	09/27/2017
8	PAVING PLAN	09/27/2017
9	ARCHITECTURAL COMPLIANCE	09/27/2017
10	ARCHITECTURAL PLANS	09/27/2017
11	ARCHITECTURAL ELEVATIONS	09/27/2017
12	ARCHITECTURAL ELEVATIONS	09/27/2017
13	LIGHTING PLAN	09/27/2017
14	LANDSCAPE PLAN	09/27/2017
15	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
16	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
17	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
18	LANDSCAPE SCHEDULES	09/27/2017
19	LANDSCAPE DETAILS AND NOTES	09/27/2017
20	UTILITY PLAN	09/27/2017
21	WASTEWATER SERVICE LINE PROFILE	09/27/2017
22	EXISTING DRAINAGE AREA PLAN	09/27/2017
23	PROPOSED DRAINAGE AREA PLAN	09/27/2017
24	GRADING AND DRAINAGE PLAN	09/27/2017
25	DETAILED GRADING PLAN 1	09/27/2017
26	DETAILED GRADING PLAN 2	09/27/2017
27	30" STORM DRAIN PROFILE	09/27/2017
28	GENERAL DETAILS	09/27/2017
29	GENERAL DETAILS	09/27/2017
30	GENERAL DETAILS	09/27/2017
31	GENERAL DETAILS	09/27/2017
32	GENERAL DETAILS	09/27/2017
L1.0	LANDSCAPE PLAN	09/27/2017
L1.1	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
L1.2	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
L1.3	LANDSCAPE PLAN ENLARGEMENT	09/27/2017
L1.4	LANDSCAPE SCHEDULES	09/27/2017
L2.0	LANDSCAPE DETAILS & NOTES	09/27/2017
L2.1	LANDSCAPE SECTIONS	09/27/2017
L2.2	LANDSCAPE SECTIONS	09/27/2017
IR1.0	IRRIGATION PLAN	09/27/2017
IR2.0	IRRIGATION PLAN	09/27/2017
A0.00	COVER	09/27/2017
A0.01	DRAWINGS INDEX	09/27/2017
A0.02	VICINITY MAP / SYMBOLS & ABBREVIATIONS	09/27/2017
A0.03	BLDG CODE REVIEW	09/27/2017
A0.04	BLDG CODE REVIEW	09/27/2017
A0.51	2010 ADA	09/27/2017
A0.52	2010 ADA 02	09/27/2017
A0.53	2010 ADA 03	09/27/2017
A0.54	2010 ADA 04	09/27/2017
A0.55	2010 ADA 05	09/27/2017
A0.56	2010 ADA 06	09/27/2017
A1.00	DEMOLITION - SITE PLANS	09/27/2017
A1.01	OVERALL SITE PLAN	09/27/2017
A1.20	SITE ENLARGED PLANS	09/27/2017
A.1-2.10	MAIN - DEMOLITION - FLOOR PLAN	09/27/2017
A.1-2.40	MAIN - DEMOLITION - RCP	09/27/2017

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A.1-3.01	MAIN - FLOOR PLAN	09/27/2017
A.1-3.40	MAIN - RCP	09/27/2017
A.1-3.60	ENLARGED PLANS	09/27/2017
A.1-7.01	INTERIOR ELEVATIONS	09/27/2017
A.1-9.20	MAIN - DOOR AND FINISH SCHEDULE - DOOR AND FRAME TYPES	09/27/2017
A.2-2.10	KENNEL - DEMOLITION - FLOOR PLAN	09/27/2017
A.2-2.40	KENNEL - DEMOLITION - RCP	09/27/2017
A.2-2.50	RENOVATION - ELEVATIONS	09/27/2017
A.2-3.01	KENNEL - FLOOR PLAN	09/27/2017
A.2-3.40	KENNEL - RCP	09/27/2017
A.2-3.60	ENLARGED PLANS & INTERIOR ELEVATIONS	09/27/2017
A.2-9.20	KENNEL - DOOR AND FINISH SCHEDULE - DOOR AND FRAME TYPES	09/27/2017
A.3-3.01	NEW ADOPTIONS - GROUND LEVEL FLOOR PLAN	09/27/2017
A.3-3.01.d	NEW ADOPTIONS - GROUND LEVEL DIMENSION PLAN	09/27/2017
A.3-3.01.s	NEW ADOPTIONS - GROUND LEVEL SLAB PLAN	09/27/2017
A.3-3.02	NEW ADOPTIONS - SECOND LEVEL FLOOR PLAN	09/27/2017
A.3-3.02.d	NEW ADOPTIONS - SECOND LEVEL DIMENSION PLAN	09/27/2017
A.3-3.03	NEW ADOPTIONS - ROOF PLAN	09/27/2017
A.3-3.40	NEW ADOPTIONS - RCP GROUND LEVEL	09/27/2017
A.3-3.41	NEW ADOPTIONS - RCP SECOND LEVEL	09/27/2017
A.3-3.60	ENLARGED PLANS	09/27/2017
A.3-3.61	ENLARGED PLANS	09/27/2017
A.3-3.62	ENLARGED PLANS	09/27/2017
A.3-3.70	ENLARGED RCPs	09/27/2017
A.3-3.80	PLAN DETAILS	09/27/2017
A.3-3.81	PLAN DETAILS	09/27/2017
A.3-3.82	PLAN DETAILS	09/27/2017
A.3-4.00	STAIR PLANS AND SECTIONS	09/27/2017
A.3-4.01	STAIR PLANS AND SECTIONS	09/27/2017
A.3-5.00	NEW ADOPTIONS - EXTERIOR ELEVATIONS	09/27/2017
A.3-5.01	NEW ADOPTIONS - EXTERIOR ELEVATIONS	09/27/2017
A.3-5.40	EXTERIOR ELEVATION DETAILS AND SECTIONS	09/27/2017
A.3-5.41	EXTERIOR ELEVATION DETAILS AND SECTIONS	09/27/2017
A.3-5.60	NEW ADOPTIONS - BUILDING SECTIONS	09/27/2017
A.3-6.00	NEW ADOPTIONS - WALL SECTIONS	09/27/2017
A.3-6.01	NEW ADOPTIONS - WALL SECTIONS	09/27/2017
A.3-6.02	NEW ADOPTIONS - WALL SECTIONS	09/27/2017
A.3-6.30	SECTION DETAILS	09/27/2017
A.3-6.31	SECTION DETAILS	09/27/2017
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A.3-7.02	INTERIOR ELEVATIONS	09/27/2017
A.3-7.03	INTERIOR ELEVATIONS	09/27/2017
A.3-7.04	INTERIOR ELEVATIONS	09/27/2017
A.3-7.40	MILLWORK DETAILS	09/27/2017
A.3-7.41	MILLWORK DETAILS	09/27/2017
A.3-9.00	NEW ADOPTIONS - FINISH SCHEDULE, FINISH PLANS AND FURNITURE PLANS	09/27/2017
A.3-9.20	NEW ADOPTIONS - DOOR AND HARDWARE SCHEDULE - DOOR AND FRAME TYPES	09/27/2017
A.3-9.40	NEW ADOPTIONS - WINDOW SCHEDULE - WINDOW AND EXTERIOR OPENING TYPES	09/27/2017

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M.2-3.01	KENNEL - HVAC PLAN	09/27/2017
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M.3-0.01	MECHANICAL LEGENDS, GENERAL NOTES AND SCHEDULES	09/27/2017
M.3-0.02	MECHANICAL SCHEDULES	09/27/2017
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E6.01	ELECTRICAL DETAILS	09/27/2017
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P.2-3.01	KENNEL BLDG - PLUMBING FIRST FLOOR PLAN	09/27/2017
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P.3-3.01	NEW BLDG - PLUMBING FIRST FLOOR PLAN	09/27/2017
P.3-3.02	NEW BLDG - PLUMBING SECOND FLOOR PLAN	09/27/2017
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FP.3-3.01	NEW BLDG - FIRE PROTECTION FIRST FLOOR PLAN	09/27/2017
FP.3-3.02	NEW BLDG - FIRE PROTECTION SECOND FLOOR PLAN	09/27/2017

4. Addendum

Addendum 01 issued by Jackson & Ryan Architects dated October 18, 2017, entitled “Williamson County Regional Animal Shelter.”

Addendum 02 issued by Jackson & Ryan Architects dated November 7, 2017, entitled “Williamson County Regional Animal Shelter.”

5. Alternates

(If there are not any alternates to list, insert “Not Applicable” here. Do not delete/renumber this section.)

6. Other Documents

(If there are not any other documents to list, insert “Not Applicable” here. Do not delete/renumber this section.)

End of Exhibit “C”

Tab #5

QUALIFICATIONS & ASSUMPTIONS

Phase: 100% CD GMP

Document Date: 12.5.2017

General Qualifications

1. Excludes a line item GMP estimate; line items are only shown for convenience of review. CD Budget is based on Drawings dated: September 27, 2017 and Specifications dated: October 18, 2017.
2. Assumes 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. Excludes proprietary specifications.
3. Excludes 3rd party commissioning agent. Includes assistance for the commissioning agent to accomplish their work.
4. Assumes we can use permanent HVAC equipment for temporary air conditioning and climate control. Start-up for these activities will be considered a temporary start-up and not a commissioning activity. Includes changing of filters throughout construction activities as well as new filters at final start-up.
5. Excludes provisions for unusual, undocumented, or unanticipated subsurface conditions. We will make reasonable efforts to locate and protect any existing underground utilities and facilities, but cannot accept responsibility for damage, or the impacts from damage, to unknown, unforeseen, non-located, or incorrectly located underground utilities or facilities.
6. Excludes the excavation or transportation of hazardous materials discovered in a foreseen or unforeseen condition. Excludes the excavation, removal or transportation of unclassified excavation that may be uncovered, including but not limited to concrete foundations, underground fuel or water storage tanks, masonry underground walls, hidden sampling wells.
7. Excludes testing laboratory services, envelope testing, geotechnical services, material testing, environmental testing, site surveys, or sub-surface investigations.
8. Excludes 3rd party environmental (i.e. asbestos, lead, mold, etc.) monitoring.

9. Assumes work during normal work hours Monday through Friday, 7:00AM to 3:30PM, and intermittent weekend work as required.
10. Excludes building code changes, life safety code changes, or other regulatory changes that may occur beyond what is currently designed.
11. Excludes all municipal utility impact fees, water impact fees, or sewage impact fees.
12. Assumes the use of existing facility's water for temporary water.
13. Excludes leasing of public right of ways, sidewalk or lane closures.
14. Assumes that the building transformer will be provided and installed by the utility company. We will provide service into the building.
15. Assumes that the gas utility company will bring the gas service to the gas meter provided by the utility company. We will provide service into the building from the gas meter.
16. Assumes equipment provided by Owner or others, but connected by our subcontractors, will be delivered and set in place at the required time to meet schedule.
17. Assumes the use of site, including parking areas, per the attached Site Logistics Plan.
18. Excludes wetlands mitigation and site changes required by flood control.
19. Assumes we have access to contingency funds for the use of acceleration of the project schedule at any time for any critical activity.
20. Assumes the right for Vaughn to purchase and manage a project specific Contractor Controlled Insurance Program within the cost parameters of the estimate.
21. Excludes provisions for, or any impacts from, any errors or omissions in the contract documents prepared and/or issued by the Owner, Owner's vendors/separate contracts, Architect, Engineer, Consultant, or similar party.
22. Excludes the design of building envelope weather-tight details not included in the project plans or specifications unless it has been specifically indicated to be Contractor's responsibility for "delegated design".
23. Excludes ASTM E1105 field testing over 67% of manufacturer's design rating.
24. Excludes the design of life safety components, equipment, or system details or layout not included in the project plans or specifications unless it has been specifically indicated to be Contractor's responsibility for "delegated design".

- 25. Excludes ACI-certified flatwork technician and finisher requirements. Resumes of concrete finishing supervisor will be provided documenting experience with projects of like scope.
- 26. Excludes any provisions for 3rd party auditor approval/review prior to payments.
- 27. Excluded scopes:
 - a. Active IT Equipment
 - b. Audio Visual Equipment
 - c. Fixtures, Furnishings, and Furniture
- 28. Owner's Contingency does not include fee markups. Items funded by Owner's Contingency will have fee added to them.

01.07 - Allowances

Spec Section 01 21 00

1. Includes a \$50,000 allowance for technology (Data, AV, Security, Gate Key Pad/Controller).
2. Includes an allowance of \$96,422 for the kennel wash down system from SMT Technologies, this is a cost of work price and does not include our general conditions and fee mark ups.

01.84 – Mock Up

Spec Section 01 43 39

1. Assumes a 100 SF footprint that displays the foundation, steel framework, masonry conditions, the screen mesh, acoustical plaster, glass, waterproofing, insulation, and fiber cement board siding.
2. Excludes doors, drywall, equipment, and flooring finishes.

02.01 - Removals

Spec Section 02 41 19

1. Assumes existing slab at H Building was poured monolithically. Includes additional labor required for slab removals at beams accordingly.
2. Assumes furniture and equipment removal and relocation at existing building to be by Owner.
3. Assumes all walls scheduled to be removed are non-load bearing. Excludes provisions for temporary shoring of existing structures.

03.00 – Concrete Turnkey

Spec Section 03 30 00; C2; C4; C5; C6; C7; 31 63 29

Drilled Piers

1. Excludes casing.

Mechanical Pads

1. Includes Mechanical Rooms & Outdoor AHU Pads.
2. Assumes Mechanical pad thickness noted as 6" will be 5-1/2" so standard lumber can be used as form work.

Site Walls

1. Includes exposed finish of retaining wall to be sand rubbed.

Exposed Concrete Flooring

1. Assumes exposed concrete floors will have surface cracking and shrinkage cracks.

04.01 – Masonry

Spec Section 04 22 00

1. Excludes UL rated CMU blocks. Includes a fully grouted wall at the elevator shaft to achieve the one-hour fire rating.
2. Excludes mitered corners at masonry veneer jambs and returns.
3. Assumes all interior CMU walls to stop at 10'-8" above finish floor.
4. Assumes all unpainted and exposed grey CMU will have a range of color and texture from the manufacturer.
5. Excludes installation of foam or plastic fillers in joints.
6. Includes rebar reinforcing for glazed structural tile to be one #3 rebar at corners and intersections and each side of openings.
7. Excludes rigid strap anchors.
8. Includes field mixed mortars and grouts.
9. Excludes cleaning of existing masonry.
10. Excludes tooth-ins of infills at the Kennel and Main Buildings.

05.01/5.02 – Steel Fabrication/Erection

Spec Section 05 12 00; 05 21 00; 05 31 00; 05 50 00; 05 51 13; 05 52 13

1. Excludes any requirement for AISC certified fabricator or erector.

06.02 – Architectural Millwork

Spec Section 06 10 53; 06 41 16; 06 64 00; 12 36 16; 12 36 61.19

1. Excludes solid surface window sills, assumes sill condition to be transitioned from gyp board or CMU to the aluminum window frame.

07.01 – Waterproof/Dampproof/Joint Sealants

Spec Section 07 11 13; 07 17 00; 07 27 26; 07 62 00; 07 65 00; 07 92 00

1. Excludes water repellents at all exterior masonry construction.
2. Assumes cementitious damproofing system with drainage board below grade at retaining walls.

07.02 – Insulation

Spec Section 07 21 00

1. Includes a \$6.00 / SF allotment for thermal insulation at soffits as none was shown or specified.

07.03 – Roofing

Spec Section 07 54 23; 07 72 00

1. Excludes FM Global insurance requirements.
2. Excludes roofing at the existing buildings with exception to install new gutters where indicated.

3. Assumes parapet walls will be high enough to facilitate personnel access to roof.
4. Excludes custom metal colors.

08.00 – Doors, Frames, & Finish Hardware

Spec Section 08 11 13; 08 14 16; 08 16 00; 08 71 00

1. Excludes replacing or adjusting doors and frames noted to be existing to remain.
2. Excludes grouting frames within gyp. board assemblies.
3. Includes a hardware set per the Door Schedule for openings 109B, 315D, and 321D.

08.28 – Glass & Glazing

Spec Section 08 41 13; 08 80 00

1. Excludes fire-rated, ballistic-rated art or acoustical glass.
2. Excludes a Kynar painted finish.
3. Includes a Clear Anodic finish.

09.01 – Plaster

Spec Section 09 24 43

1. Assumes the acoustical plaster detail is intended to be applied along the long walls (parallel to the dog kennel center walls), facing each other, in each of the New Adoptions kennel housing rooms along eight (8) wall faces - From 6' AFF, to ceiling height - 10' AFF.
2. Excludes plaster in the small dogs room.
3. Includes acoustical plaster for both New Adoptions kennel housing rooms along the long walls (parallel to the dog kennel center walls) in a four (4) foot wide band from 6'-0" above finished floor to the ceiling height of 10'-0" above finished floor.

09.03 – Tile

Spec Section 09 30 13

1. Excludes matching existing flooring tile for patching at Main Building Lobby.

09.07 – Flooring

Spec Section 09 65 13; 09 65 16

1. Assumes using membrane concrete curing compound and that the specified flooring materials and adhesives are compatible with the curing compound.

09.10 – Epoxy Flooring

Spec Section 09 67 23

1. Excludes epoxy flooring at T Building.
2. Includes moisture limiter at new concrete slabs.

09.12 – Painting

Spec Section 09 91 13; 09 91 23; 09 96 00;

1. Includes painting the existing outdoor kennel.
2. Excludes level 5 finishes.
3. Excludes painting or sealing of existing wood exterior.

09.16 – Concrete Sealer / Polished Concrete

Spec Section 09 61 56; 09 97 24

1. Includes concrete sealer applied to interior stair treads.
2. Includes a Class A grind.

10.05 – Wall Protection

Spec Section 10 26 00

1. Assumes corner guards at Kennel Building and New Building.
2. Excludes any plastic paneling wall protection and crash rails.

10.11 – Aluminum Covers & Awnings

Spec Section 10 73 00

1. Excludes custom colors.

10.08 – Signage

Spec Section 10 14 16; 10 14 19; 10 14 23

1. Assumes standard 9"x9" acrylic room signage.
2. Assumes signage at new rooms only, all existing signage to remain.
3. Assumes 12" aluminum letters at exterior sign on screen wall.

11.08 – Residential Appliances

Spec Section 11 31 00

1. Excludes provisions to provide and install refrigerators, microwaves, and ice makers, washers, and dryers.

11.14 – Animal Equipment

Spec Section 11 94 00; 13 19 13

1. Excludes animal watering systems.

14.01 – Elevators

Spec Section 14 24 00

1. Includes resilient flooring per specification section 09 65 16.

21.01 – Fire Protection

Spec Section 21 05 53; 21 11 00; 21 13 00; 21 13 13

1. Excludes provisions for a fire pump.

22.01 – Plumbing

Spec Division 22; W1

1. Excludes domestic water booster pump.
2. Assumes all storm and waste piping under slab or structure to be PVC.
3. Excludes solar hot water heating.
4. Excludes heat tracing for under slab piping.
5. Assumes fiberglass insulation.
6. Excludes insulation on domestic cold-water piping.
7. Excludes any modifications to the existing water well system.
8. Excludes the purchase and installation of the dishwasher with integral booster heater; to be purchased by Owner.

23.01 – HVAC

Spec Division 23

1. Assumes proposed exhaust fan EF-2-1 at the H Building will be of similar or smaller dimensions as to not require any structural or roof modifications.
2. Excludes stainless steel or fully welded ductwork.

26.01 – Electrical

Spec Division 26

1. Assumes primary duct bank, feeders, transformer and metering by others.
2. Excludes UPS system.
3. Excludes modifications or extensions of the lightning protection at the Main and Kennel Buildings.

26.03 – Fire Alarm

Spec Section 26 31 00

1. Excludes programming and modules for the existing fire alarm system in Kennel and Main Buildings.

31.01 – Earthwork

Spec Section G2; G3; G4; G5; G9; SD2; SD3; SD4

1. Assumes excavated material will be stored on site.
2. Excludes haul off of excavated materials.
3. Excludes rock sawing or excavation.

32.07 – Fences & Gates

Spec Section 32 31 13, 32 31 19

1. Excludes any modifications to the existing operable gate at the north entry.

32.08 – Landscaping & Irrigation

Spec Section 32 14 16; 32 84 00; 32 93 00; G7

1. Includes hydro mulching with no irrigation at areas outside of parking and drives not designated to receive the landscaping/irrigation allowance above.
2. Excludes landscaping outside of the limits of construction.
3. Excludes drilled seed installation method for planting wild flowers as noted in 329300 3.4.B.8.
4. Includes a \$22,000 allowance for a 10,000-gallon aboveground fiberglass storage tank and booster pump, pending if required for the irrigation system.

33.01 – Site Utilities

Site and Infrastructure Subgroup SD6; W2; W3; W4; WW1; WW2; WW3; C8; C9

Storm Sewer

1. Excludes concrete cap at sewer lines per City of Georgetown civil details SD39.

Water Utilities

1. Excludes a water meter.
2. Excludes concrete encasing of water lines per City of Georgetown Civil details W16.
3. Includes approximately 435 linear feet of 3 inch schedule 40 PVC piping for the relocation of the water line to remove it from the new building foundation footprint.

Tab #6

WILCO Regional Animal Shelter - GMP

Georgetown, TX

GMP

11/15/2017

Prepared By:

Vaughn Construction

Vaughn Team

Total Cost of Work - See Attached Detail		\$7,602,723
General Conditions		\$1,034,210
Design Contingency	0.00%	\$0
CM Contingency	3.00%	\$228,082
Owner Contingency		\$300,000
Escalation	0.00%	\$0
Permit		By Others
Umbrella, GL, and Auto Insurance		INCL. IN GCs
Builder's Risk Insurance		INCL. IN GCs
Special Insurance		Not Included
Owner's Protective Insurance		Not Included
Association Fees		INCL. IN GCs
Sales Tax		Not Included
GC Bond		INCL. IN GCs
Sub Bonds		In Cost of Work
Modifications to Existing Show Barn		\$64,117
Fee	3.45%	\$270,163
TOTAL		\$9,499,295 *

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

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
01.02 - GENERAL REQUIREMENTS				
Project Cleaning				
JOBSITE CLEAN-UP	65.00	WK	1,086.24	70,606
** Total Project Cleaning				70,606
Miscellaneous General Conditions				
TEMP. FIRE EXTINGUISHERS - 1 EA/3,000 SF	15.00	EA	272.62	4,089
RECERTIFICATION OF FIRE EXTINGUISHERS	15.00	EA	18.77	281
BLOODBORNE PATHOGEN PACKS (1 PER JOB)	1.00	EA	25.02	25
EYEWASH STATIONS (1 PER FLOOR)	1.00	EA	500.44	500
FIRST AID SETUP	1.00	EA	312.77	313
FIRST AID CONSUMPTION - SMALL JOBS	14.00	MO	125.11	1,752
** Total Miscellaneous General Conditions				6,961
Safety				
SAFETY MAINTENANCE	65.00	WK	280.87	18,256
WOOD HANDRAILS - 2 LINE (ELEVATOR, RETAINING WALL, SLAB EDGE - 1316) INCLS WASTE	1,980.00	LF	6.00	11,886
TOEBOARDS	1,980.00	LF	2.29	4,543
METAL STANDS - BETWEEN COLUMNS @ 8' OC (LVL 2 & ROOF)	100.00	EA	86.76	8,676
HEPA VACUUM	1.00	EA	1,742.29	1,742
HEPA VACUUM ACCESSORIES	1.00	EA	1,733.63	1,734
HEPA VACUUM FILTERS/BAGS	130.00	EA	50.23	6,530
WOOD HANDRAILS - 2 LINE @ STAIRS	84.00	LF	6.00	504
TOEBOARDS @ STAIRS	1,980.00	LF	2.29	4,543
OPENING COVERS - 500SF (INCLS WASTE)	672.00	SF	4.73	3,179
** Total Safety				61,593
Layout				
FIELD ENGINEER - LAYOUT	13.00	WK	2,352.44	30,582
** Total Layout				30,582
Negative Air Machines				
NEGATIVE AIR MACHINES	6.00	MO	794.45	4,767
HEPA FILTER	40.00	EA	144.47	5,779
SECONDARY FILTER	40.00	EA	40.45	1,618
PRIMARY FILTER	40.00	EA	40.45	1,618
** Total Negative Air Machines				13,782
Setup & Operation				
SETUP NEGATIVE AIR MACHINES	2.00	EA	399.94	800
RELOCATE NEGATIVE AIR MACHINES	2.00	EA	315.55	631
INSPECTION AND MONITORING	10.00	WK	311.50	3,115
** Total Setup & Operation				4,546
Ante Rooms				
STICKY MATS	10.00	BOX	139.88	1,399
** Total Ante Rooms				1,399
Temporary Drywall Partitions				
TEMPORARY DRYWALL PARTITION	60.00	LF	69.35	4,161
** Total Temporary Drywall Partitions				4,161
Temporary Plywood Partitions				
LABOR TO ERECT	60.00	LF	15.57	934
DISMANTLE PARTITION	60.00	LF	14.31	859
** Total Temporary Plywood Partitions				1,793
Other Temporary Partitions				
TEMP DOOR, FRAME & HARDWARE	2.00	EA	792.60	1,585
PLASTIC PARTITIONS	60.00	LF	11.78	707
DEMO TEMPORARY PARTITIONS	60.00	LF	7.16	429

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Other Temporary Partitions				2,721
Finish Temporary Partitions				
TAPE & FLOAT TEMPORARY PARTITIONS	1,080.00	SF	0.69	742
PAINT TEMPORARY PARTITIONS	1,080.00	SF	0.57	617
** Total Finish Temporary Partitions				1,358
Flooring Protection				
TEMP PROTECT FLOORS - EPOXY MASONITE (8725 SF) INCLS WASTE	10,912.00	SF	1.46	15,967
TEMP PROTECT FLOORS - TERRAZZO MASONITE (5590 SF) INCLS WASTE	7,008.00	SF	1.48	10,395
** Total Flooring Protection				26,362
Miscellaneous Exterior Removals				
REMOVE/SALVAGE EXTERIOR SIGNS		EA	206.94	
** Total Miscellaneous Exterior Removals				
Steel Fabrication Budget				
UNISTRUT SINGLE POINT SUPPORT - FURNISHED & INSTALLED	1.00	EA	5,287.56	5,288
** Total Steel Fabrication Budget				5,288
Additional Rough Carpentry Items				
PLYWOOD SHEATHING - 1/2" - ELEV FLOORS & CEILINGS	160.00	SF	3.36	537
PLYWOOD SHEATHING - 1/2" - ELEV WALLS	288.00	SF	2.39	689
** Total Additional Rough Carpentry Items				1,227
Construction Entrances				
MAINTAIN CONSTRUCTION ENTRANCES	65.00	WKS	42.61	2,770
** Total Construction Entrances				2,770
Maintenance of SWPPP				
STORM WATER POLLUTION MAINTENANCE	14.00	MO	826.00	11,564
** Total Maintenance of SWPPP				11,564
* Total 01.02 - GENERAL REQUIREMENTS				246,710
01.07 - ALLOWANCES				
Owner Allowances				
ALLOWANCE - TECHNOLOGIES (TELECOM, SECURITY, A/V)	1.00	LS	50,000.00	50,000
ALLOWANCE - SMT	1.00	LS	96,422.00	96,422
** Total Owner Allowances				146,422
Contractor Allowances				
ALLOWANCE - NEW MONUMENT SIGN TO REPLACE EXISTING - BY OTHERS PER 100% DD		LS	25,000.00	
** Total Contractor Allowances				
* Total 01.07 - ALLOWANCES				146,422
01.74 - CLEAN UP				
Project Cleaning				
FINAL CLEAN-UP - SUB 1ST CLEAN	30,926.00	SF	0.15	4,639
FINAL CLEAN-UP - SUB 2ND CLEAN	30,926.00	SF	0.09	2,783
FINAL CLEAN EXTERIOR WINDOWS AT NEW BUILDING	4,376.00	SF	0.45	1,969
** Total Project Cleaning				9,391
* Total 01.74 - CLEAN UP				9,391
01.84 - MOCKUPS				
Exterior Wall Mockups				
FOUNDATION	100.00	SF	25.00	2,500
STRUCTURAL STEEL FRAMEWORK	3.00	TONS	4,000.00	12,000
MASONRY	50.00	SF	17.00	850

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CMU	50.00	SF	12.00	600
SCREEN MESH	35.00	SF	30.00	1,050
PLASTER	20.00	SF	15.00	300
GLASS	25.00	SF	100.00	2,500
WATERPROOFING	100.00	SF	5.00	500
INSULATION	50.00	SF	3.00	150
BRICK LINTELS	4.00	LF	30.00	120
EXPANSION JOINTS	10.00	LF	35.00	350
STUD FRAMING/SHEATHING/HARDY BOARD	50.00	SF	12.00	600
REMOVE & HAUL MOCK UP	100.00	SF	18.58	1,858
** Total Exterior Wall Mockups				23,378
* Total 01.84 - MOCKUPS				23,378

02.01 - REMOVALS

Exterior Demolition

REMOVE EXT. GLAZING (1 WINDOW)	18.00	SF	5.00	90
REMOVE EXT. GLAZING (3 WINDOW)	54.00	SF	5.00	270
REMOVE EXT. CMU WALL - NEW DOOR OPENING	63.00	SF	10.00	630
REMOVE INT. CMU WALLS	689.00	SF	3.46	2,384
** Total Exterior Demolition				3,374

Miscellaneous Exterior Removals

REMOVE 2' CHAIN LINK PANELS ON TOP OF SGB @ KENNEL AREAS	580.00	LF	6.57	3,813
REMOVE CHAIN LINK FENCE, GATES & POSTS @ KENNEL AREAS	290.00	LF	6.57	1,906
** Total Miscellaneous Exterior Removals				5,719

Interior Demolition

REMOVE DRYWALL CEILINGS	6,384.00	SF	0.65	4,124
REMOVE DRYWALL CEILINGS @ SURGERY & LAUNDRY	50.00	SF	0.65	32
REMOVE DRYWALL PARTITIONS	3.00	LF	16.67	50
CHIP DOWN CONCRETE SLAB AT GRADE BEAMS - LABOR	1.00	LS	6,722.66	6,723
REMOVE CONCRETE CURBS BELOW SGB	580.00	LF	5.14	2,980
REMOVE INTERIOR STRUCTURAL GLAZED TILE	2,320.00	SF	2.70	6,263
SAWCUT INTERIOR CONCRETE FLOOR - FULL DEPTH FOR TRENCH	1,156.00	LF	7.85	9,075
SAWCUT INTERIOR CONCRETE FLOOR - FULL DEPTH FOR TRENCH @ LAUNDRY	36.00	LF	7.85	283
REMOVE INTERIOR CONCRETE FLOOR - 6" THICK	1,799.00	SF	2.50	4,497
REMOVE RESILIENT BASE***DELETED IN 100 DD		LF	1.17	
REMOVE EXISTING RECEPTION DESK	1.00	LF	16.14	16
REMOVE DOOR & FRAME - SINGLE LEAF	8.00	EA	17.89	143
REMOVE OVERHEAD DOOR	2.00	EA	598.45	1,197
DUMPSTERS FOR DEMOLITION - 30 CY - H BUILDING	13.00	EA	500.00	6,500
DUMPSTERS FOR DEMOLITION - 30 CY - T BUILDING	5.00	EA	500.00	2,500
** Total Interior Demolition				44,382

Miscellaneous Interior Removals

REMOVE LAUNDRY EQUIPMENT	4.00	EA	703.89	2,816
** Total Miscellaneous Interior Removals				2,816
* Total 02.01 - REMOVALS				56,290

03.00 - CONCRETE TURNKEY

Site Concrete

STRIP FOOTINGS @ DUMPSTER WALL - 2'-0" x 2'-0"	40.00	LF	45.00	1,800
STRIP FOOTINGS @ MASONRY SITE WALL 4'- 0" x 2'-0" - ELIMINATED AT 75% DD		LF	175.00	

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STRIP FOOTINGS @ OPERABLE GATE - 2'-0" x 2'-0"	20.00	LF	98.00	1,960
CONCRETE RETAINING WALL "A" - 4'-4" TALL x 10" WIDE (30 LF)	130.00	SF	32.00	4,160
STRIP FOOTING "A" @ RETAINING WALL "A" - 4'-10" x 1'-6"	30.00	LF	158.00	4,740
CONCRETE RETAINING WALL "B" - 6'-4" TALL x 10" WIDE (42 LF)	270.00	SF	32.00	8,640
STRIP FOOTING "B" @ RETAINING WALL "B" - 6'-10" x 1'-6"	42.00	LF	175.00	7,350
STRIP FOOTING "C" @ RETAINING WALL "C" - 7'-10" x 1'-6"	80.00	LF	185.00	14,800
CONCRETE RETAINING WALL "C" - 7'-4" TALL x 10" WIDE (80 LF)	630.00	SF	32.00	20,160
STRIP FOOTING "D" @ RETAINING WALL "D" - 8'-10" x 1'-6"	85.00	LF	225.00	19,125
CONCRETE RETAINING WALL "D" - 8'-4" TALL x 10" WIDE (85 LF)	710.00	SF	32.00	22,720
STRIP FOOTING "E" @ RETAINING WALL "E" - 9'-10" x 1'-6"	98.00	LF	250.00	24,500
CONCRETE RETAINING WALL "E" - 9'-4" TALL x 10" WIDE (98 LF)	910.00	SF	38.00	34,580
4.5" SIDEWALKS PUMPED	2,910.00	SF	5.50	16,005
4.5" SIDEWALKS PUMPED - @ BUILDING	4,730.00	SF	5.50	26,015
MACHINED CURB & GUTTER - PAVING	1,100.00	LF	15.00	16,500
MACHINED CURB - EXERCISE YARD FENCE	590.00	LF	15.00	8,850
DUMPSTER PAD	100.00	SF	12.50	1,250
TRANSFORMER PAD	100.00	SF	12.50	1,250
AHU 1-4 PADS	900.00	SF	12.50	11,250
MISC. PADS - ASSUMED	100.00	SF	11.50	1,150
MISC. PADS AT EMERGENCY GENERATOR - ELIMINATED AT 75% DD		SF	11.50	
P1 - 24" STRAIGHT SHAFT PIERS @ 40LF - BUILDING PAD	9.00	EA	950.00	8,550
P2 - 30" STRAIGHT SHAFT PIERS @ 40LF - BUILDING PAD	8.00	EA	950.00	7,600
P3 - 30" STRAIGHT SHAFT PIERS @ 40LF - BUILDING PAD	5.00	EA	950.00	4,750
P4 - 30" STRAIGHT SHAFT PIERS @ 40LF - BUILDING PAD	1.00	EA	950.00	950
30" STRAIGHT SHAFT PIERS @ 40LF - SCREEN WALL - EXCLUDED	18.00	EA		
** Total Site Concrete				268,655
Building Concrete				
EXTERIOR GRADE BEAMS - 18X30	450.00	LF	87.00	39,150
INTERIOR GRADE BEAMS - 12X30	430.00	LF	85.00	36,550
INTERIOR GRADE BEAMS - 18X30	220.00	LF	87.00	19,140
THICKENED SLAB AT PIERS	23.00	EA	125.00	2,875
THICKENED SLAB UNDER FIRST FLOOR CMU PARTITIONS - ELIMINATED AT 100% DD		LF	12.50	
ELEVATOR PITS - SINGLE	1.00	EA	8,000.00	8,000
5" SLAB ON GRADE PATCH WITH #4 REINFORCING @ 12"O.C.E.W	1,620.00	SF	12.00	19,440
5" SLAB ON GRADE PATCH WITH #4 REINFORCING @ 12"O.C.E.W - NEW PLUMBING	400.00	SF	12.00	4,800
ENTRY STOOPS	250.00	SF	14.00	3,500
SLAB ON GRADE - 5" THICK	8,120.00	SF	5.50	44,660
GLAZED BLOCK CONCRETE CURBS - 6"x4" - ASSUMED	780.00	LF	15.00	11,700
GLAZED BLOCK CURBS AT RENOVATED AREAS - ELIMINATED AT 75% DD		LF	25.00	
SLAB ON METAL DECK - 3"	8,850.00	SF	4.00	35,400
PAN STAIRS - A	40.00	SF	30.00	1,200
PAN STAIRS - B	140.00	SF	30.00	4,200
PAN STAIRS - C	150.00	SF	30.00	4,500
** Total Building Concrete				235,115
Drill & Epoxy				
DRILL & EPOXY 8"-10" DEPTH - INTERIOR SOG PATCH	280.00	EA	28.00	7,840

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** Total Drill & Epoxy				7,840
* Total 03.00 - CONCRETE TURNKEY				511,610
03.15 - TOPPING/UNDERLAYMENT/FLOOR PREP				
Ardex Topping				
TOPPING SLAB AT EXISTING DOG INTAKE - 4" TO DRAIN	1,200.00	SF	4.75	5,700
** Total Ardex Topping				5,700
Underlayment				
FLOOR PREP ON EXISTING IN REMODEL FOR NEW EPOXY	5,905.00	SF	1.14	6,716
FLOOR PREP ON EXISTING IN REMODEL FOR SHEET VINYL - ELIMINATED AT 75% DD		SF	1.14	
FLOOR PREP ON NEW CONCRETE FLOOR (EPOXY) - ELIMINATED AT 75%		SF	0.43	
FLOOR PREP ON NEW CONCRETE FLOOR (TILE & EPOXY)	9,037.00	SF	0.43	3,885
** Total Underlayment				10,601
* Total 03.15 - TOPPING/UNDERLAYMENT/FLOOR PREP				16,301
04.01 - MASONRY				
Face Brick				
4" CMU VENEER	4,400.00	SF	20.00	88,000
SPLIT FACE BLOCK - 4' AT PLANTER WALLS	158.00	SF	18.00	2,844
SPLIT FACE BLOCK AT MASONRY SITE WALL 5' - ELIMINATED AT 75% DD		SF	18.00	
SPLIT FACE BLOCK AT RETAINING WALL 42" - ELIMINATED AT 75% DD		SF	18.00	
SPLIT FACE BLOCK DUMPSTER ENCLOSURE - NOT SHOWN @ 100CDs	560.00	SF		
SPLIT FACE BLOCK GENERATOR ENCLOSURE - ELIMINATED AT 75% DD		SF	18.00	
** Total Face Brick				90,844
Concrete Masonry Units (CMU)				
L4 - CMU - 4" - INTERIOR PARTITION FIRST FLOOR	1,144.00	SF	14.00	16,016
L6 - CMU - 6" - INTERIOR PARTITION FIRST FLOOR	1,088.00	SF	16.00	17,408
CMU - 6" BACK UP WALL AT SPLIT FACE CMU TO 14'	400.00	SF	16.00	6,400
CMU - 8" TO 14' AT RM 109	180.00	SF	20.00	3,600
L8 - CMU - 8" - INTERIOR PARTITION FIRST FLOOR	4,626.00	SF	18.00	83,268
L8 CMU - 8" - INTERIOR PARTITION TO 14'	870.00	SF	20.00	17,400
SPLIT FACE CMU AT EXTERIOR - 4" GROUT FILLED 16" OC	400.00	SF	18.00	7,200
STANDARD CMU - 5 5/8" GROUT FILLED 16" OC EXTERIOR WALLS	6,000.00	SF	16.00	96,000
** Total Concrete Masonry Units (CMU)				247,292
Glass Masonry Units				
STRUCTURAL GLAZED BLOCK AT KENNEL WALLS - - ELIMINATED AT 75% DD		SF	35.00	
T4 - STRUCTURAL GLAZED BLOCK AT KENNEL WALLS TO 4'	2,310.00	SF	40.00	92,400
T4 - STRUCTURAL GLAZED BLOCK AT KENNEL WALLS TO 6'	1,200.00	SF	40.00	48,000
** Total Glass Masonry Units				140,400
Cast Stone				
LIMESTONE CAP AT PLANTER WALL - ASSUMED	78.00	LF	120.00	9,360
LIMESTONE CAP AT RETAINING WALL - ELIMINATED AT 75% DD		LF	120.00	
** Total Cast Stone				9,360

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Masonry Restoration				
DEMOLITION AND REINSTALL CMU - AT NEW EXTERIOR DOOR	65.00	SF	150.00	9,750
** Total Masonry Restoration				9,750
Masonry Scaffolding				
SCAFFOLDING FOR EXTERIOR MASONRY	6,400.00	SF	1.25	8,000
** Total Masonry Scaffolding				8,000
* Total 04.01 - MASONRY				505,646
05.01 - STEEL FABRICATION				
Steel Fabrication Budget				
PAN STAIRS WITH RAILS BOTH SIDES - STAIR A	23.00	RISERS	400.00	9,200
PAN STAIRS WITH RAILS BOTH SIDES - STAIR C - GALVANIZED	23.00	RISERS	550.00	12,650
PAN STAIRS WITH RAILS BOTH SIDES - STAIR D - GALVANIZED	8.00	RISERS	550.00	4,400
GUARDRAIL - GALVANIZED @ BALCONIES	94.00	LF	125.00	11,750
GUARDRAIL - GALVANIZED @ PUBLIC LANDING	36.00	LF	125.00	4,500
PIT LADDER	1.00	EA	300.00	300
TOILET PARTITION SUPPORTS - ELIMINATED AT 100%		LF	40.00	
LAVATORY SUPPORTS	18.00	LF	50.00	900
** Total Steel Fabrication Budget				43,700
Steel Fabrication				
STRUCTURAL STEEL - ADD FOR GALVANIZED (SCREENWALL COLUMNS, ROOF TOP UNIT SUPPORTS & BALCONY FRAMING)	7.92	TON		
COLUMNS - TUBES	4.10	TON	2,000.00	8,200
COLUMNS - TUBES @ SCREENWALL	3.45	TON	2,000.00	6,900
BEAMS	55.00	TON	2,000.00	110,000
PERIMETER ANGLES	953.00	LF	12.00	11,436
ANGLES - MISCELLANEOUS FRAMING	1.82	TON	2,000.00	3,640
ANGLES - MISCELLANEOUS FRAMING @ ROOF - CU & EF	0.67	TON	2,000.00	1,340
ELEVATOR HOIST BEAM	1.00	EA	1,200.00	1,200
PLATES	1.32	TON	2,000.00	2,640
** Total Steel Fabrication				145,356
Joist				
JOISTS (16K3 & 22K5)	6.50	TON	2,000.00	13,000
** Total Joist				13,000
Decking				
FLOOR DECK - 18 GA TYPE VLI STEEL DECK BY VULCRAFT OR EQUAL	93.00	SQS	135.00	12,555
ROOF DECK - 22 GA TYPE VLI STEEL DECK BY VULCRAFT OR EQUAL	84.00	SQS	125.00	10,500
** Total Decking				23,055
Anchor Bolts				
ANCHOR BOLTS	308.00	SETS	12.00	3,696
** Total Anchor Bolts				3,696
Guardrails				
GUARDRAIL @ SITE RAMPS AND STEPS - PER CRL ITEM NO. 103	84.00	LF	85.00	7,140
SITE GALV. PIPE HANDRAILS @ CANOPY	12.00	LF	85.00	1,020
** Total Guardrails				8,160
Masonry Supports				
MASONRY LINTELS - AT NEW OPENING	16.00	LF	15.00	240
MASONRY LINTELS - LOOSE	10.00	LF	15.00	150
MASONRY SHELF ANGLE - AT OPENINGS	200.00	LF	15.00	3,000

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BLOCK WALL HEAD SUPPORT ANGLES	130.00	EA	20.00	2,600
** Total Masonry Supports				5,990
Steel Fabrication Scope Items				
SIGNED & SEALED SHOP DRAWINGS	1.00	LS		
** Total Steel Fabrication Scope Items				
Column Covers				
METAL GRATE AT NEW TRENCH DRAIN AT LAUNDRY & ANGLE	19.00	SF	75.00	1,425
** Total Column Covers				1,425
* Total 05.01 - STEEL FABRICATION				244,382

05.02 - STEEL ERECTION

Steel Erection Budget

ERECT STEEL FRAMING & DECK - FLOORS	16,224.00	SF	3.00	48,672
ERECT STEEL SUPPORT FOR BLDG. ENVELOPE	14,403.00	SF	2.00	28,806
ERECT MISC STEEL (PER BLDG. AREA)	16,224.00	SF	0.50	8,112
INSTALL ELEVATOR HOIST BEAM	1.00	EA	125.00	125
INSTALL PAN STAIRS WITH RAILS (STAIRS A, B & C)	6.00	FLOOR	550.00	3,300
INSTALL GUARDRAIL	230.00	LF	13.00	2,990
INSTALL SITE GUARDRAIL	84.00	LF	13.00	1,092
INSTALL PIT LADDER	1.00	EA	100.00	100
INSTALL TOILET PARTITION SUPPORTS - ELIMINATED AT 100% DD		LF	28.00	
INSTALL LAVATORY SUPPORTS	18.00	LF	55.00	990
** Total Steel Erection Budget				94,187

Structural Steel Erection

STEEL PICKS - BEAMS,COLUMNS,JOIST	238.00	EA	75.02	17,855
MOMENT CONNECTIONS - MEDIUM (W12-W18)	6.00	EA	344.89	2,069
MOMENT CONNECTIONS - LARGE (GREATER THAN W18)	10.00	EA	709.77	7,098
** Total Structural Steel Erection				27,022

Steel Door, Parition, & Counter Supports

PARTITION SUPPORTS	520.00	LF	15.37	7,990
** Total Steel Door, Parition, & Counter Supports				7,990
* Total 05.02 - STEEL ERECTION				129,200

05.50 - ORNAMENTAL METALS

Steel Fabrication Budget

DECORATIVE CUT OUTS AT GREEN SCREEN - 4'x8'x1/4" PUNCHED ALUMINUM	201.00	SF	150.00	30,150
SCREEN WALL MESH - GREENSCREEN	2,013.00	SF	15.00	30,195
SCREEN WALL MESH - GREENSCREEN - INFILLS ABOVE RETAINING WALL PER CRL ITEM NO. 128	55.00	SF	15.00	825
** Total Steel Fabrication Budget				61,170

Steel Erection Budget

ERECT SCREEN WALL FRAMING	300.00	LF	60.00	18,000
** Total Steel Erection Budget				18,000
* Total 05.50 - ORNAMENTAL METALS				79,170

06.02 - ARCHITECTURAL WOODWORK/MILLWORK/TRIM

Other Blocking & Grounds

CAT/DOG @ LOBBY RECEPTION - 3/4" PLYWOOD - W/ PLAM BOTH SIDES & W/ BLACK PLASTICK EDGE STRIP ALL EDGES INCLUDING EYES 1/A3-7.40	133.00	SF	2.89	385
** Total Other Blocking & Grounds				385

Plastic Laminate Cabinetry

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LOWER PLAM CABINETS (NO COUNTERTOPS) @ ADMIN RM 417	7.00	LF	237.00	1,659
LOWER PLAM CABINETS (NO COUNTERTOPS) @ LOBBY 401 RECEPTION - 1&3/A3-3.61	48.00	LF	140.00	6,720
LOWER PLAM CABINETS (NO COUNTERTOPS) @ LOBBY 100 - 01&04/A-3.60	11.00	LF	761.00	8,371
FULL HEIGHT PLAM CABINETS	10.00	LF	325.00	3,250
** Total Plastic Laminate Cabinetry				20,000
Plastic Laminate Trim				
PLASTIC LAMINATE PANELING AT ELEVATOR CAB CEILING	50.00	SF	35.00	1,750
PLASTIC LAMINATE PANELING AT ELEVATOR CAB WALLS	225.00	SF	35.00	7,875
** Total Plastic Laminate Trim				9,625
Other Finish Carpentry Items				
CAT/DOG DECORATIVE PANELING AT LOBBY RECEPTION DESK	1.00	LS	30,000.00	30,000
** Total Other Finish Carpentry Items				30,000
Solid Surface Fabrications				
SOLID SURFACE COUNTER TOP - AT RECEPTION DESK @ LOBBY 100 RECEPTION - 01/A1-3.60 REF 04/A1-7.01	11.00	LF	145.00	1,595
SOLID SURFACE COUNTER TOP WITH BACK SPLASH - BEHIND RECEPTION DESK LOBBY 100 - 01/A1-3.60 REF 02/A1-7.01	9.00	LF	170.00	1,530
SOLID SURFACE COUNTER TOP - AT RECEPTION DESK @ LOBBY 401 RECEPTION 01&04/A3-3.61	48.00	LF	225.00	10,800
SOLID SURFACE COUNTER TOP W/ BACKSPLASH W/ BRACING @ MEN'S RR 422 - REF 03/A3-3.60	8.00	LF	170.00	1,360
SOLID SURFACE COUNTER TOP W/ BACKSPLASH W/ BRACING @ WOMEN'S RR 423 - REF 02/A3-3.60	8.00	LF	170.00	1,360
SOLID SURFACE COUNTER TOP W/ BACKSPLASH @ ADMIN RM 417	7.00	LF	170.00	1,190
SPEED BRACES / SUPPORT ANGLES (ASSUME EVERY 3' UNO) - AT COUNTER TOP BEHIND RECEPTION DESK	3.00	EA	90.00	270
** Total Solid Surface Fabrications				18,105
Casework Cabinets				
UPPER S.STEEL SHELF IN MASONRY @ DISHWASH 212 - 01/A2-3.60 REF 01/A2-7.01	42.00	LF	315.00	13,230
UPPER S.STEEL SHELF @ SURGERY PREP 106 - 09/A1-3.60 REF 05/A1-7.01	11.00	LF	315.00	3,465
UPPER S.STEEL SHELF IN MASONRY @ CAT ISO URI 109 - 03/A1-3.60 REF 01/A1-7.01	12.00	LF	315.00	3,780
UPPER S.STEEL SHELF @ PUPPIES/SMALL DOGS 301 - 09/A3-3.60	9.00	LF	315.00	2,835
UPPER S.STEEL SHELF @ WORK ROOM 310, 317, 410 - 01,05,06/A3-3.60	58.00	LF	315.00	18,270
BASE STAINLESS STEEL COUNTER TOP IN MASONRY @ DISHWASH 212 - 01/A2-3.60 REF 01/A2-7.01	40.00	LF	315.00	12,600
BASE STAINLESS STEEL COUNTER TOP IN MASONRY @ CAT ISO URI 109 - 03/A1-3.60 REF 01/A1-7.01	12.00	LF	315.00	3,780
BASE STAINLESS STEEL COUNTER TOP @ SURGERY PREP 106 - 09/A1-3.60	11.00	LF	315.00	3,465
BASE STAINLESS STEEL COUNTER TOP @ PUPPIES/SMALL DOGS 301 - A2-3.01	9.00	LF	315.00	2,835
BASE STAINLESS STEEL COUNTER TOP @ WORK ROOM 310, 317, 410 - 01,05,06/A3- 3.60	52.00	LF	315.00	16,380
BASE CABINET WITH STAINLESS STEEL TOP @ FOOD PREP 211 - A2-3.01 & REF A2-7.01 CMU WALL	8.00	LF	315.00	2,520
** Total Casework Cabinets				83,160
* Total 06.02 - ARCHITECTURAL WOODWORK/MILLWORK/TRIM				161,275

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
07.01 - WATERPROOF / DAMPPROOF / JOINT SEALANTS				
Galvanized Flashings				
GALVANIZED FLASHING - BASE	500.00	LF	4.00	2,000
GALVANIZED FLASHING - RELIEF	500.00	LF	4.00	2,000
GALVANIZED FLASHING @ OPENINGS	3,300.00	LF	4.00	13,200
** Total Galvanized Flashings				17,200
Fluid Applied Waterproofing				
FLUID APPLIED AIR BARRIER AT NEW EXTERIOR WALL	1,500.00	SF	3.75	5,625
FLUID APPLIED BITUMEN MODIFIED POLYURETHANE	80.00	SF	30.00	2,400
FLUID APPLIED BITUMEN MODIFIED POLYURETHANE - FIRST FLOOR BRICK	4,400.00	SF	3.85	16,940
FLUID APPLIED BITUMEN MODIFIED POLYURETHANE - SECOND FLOOR HARDY	9,150.00	SF	3.85	35,228
VAPOR BARRIER AT SOFFIT CONDITIONS	1,500.00	SF	5.00	7,500
COLD FLUID APPLIED WATERPROOFING W/ DRAINAGE BOARD	1,350.00	SF	5.00	6,750
WATERPROOF MINIMUM FOR SINGLE PIT	1.00	EA	5,000.00	5,000
** Total Fluid Applied Waterproofing				79,443
Cementitious Waterproofing				
CEMENTITIOUS WATERPROOFING AT PLANTERS	584.00	SF	2.75	1,606
CEMENTITIOUS WATERPROOFING AT RETAINING WALL	2,650.00	SF	2.75	7,288
** Total Cementitious Waterproofing				8,894
Rigid Insulation				
2" POLYSTYRENE RIGID INSULATION - SECOND FLOOR HARDY - ELIMINATED AT 75% DD		SF	2.75	
3/4" POLYSTYRENE RIGID INSULATION - FIRST FLOOR CMU	4,400.00	SF	1.10	4,840
3/4" POLYSTYRENE RIGID INSULATION @ ROOF PARAPET PER DETAIL 03/A.3-3.60	880.00	SF	1.10	968
3/4" POLYSTYRENE RIGID INSULATION CMU	300.00	SF	1.10	330
** Total Rigid Insulation				6,138
Roof Flashings				
GALVANIZED FLASHING - BASE	75.00	LF	4.00	300
GALVANIZED FLASHING - RELIEF	75.00	LF	4.00	300
** Total Roof Flashings				600
Site Joint Sealants				
SILICONE JOINT SEALANTS @ EXPANSION JOINT @ SIDEWALKS - 3/4"	620.00	LF	2.60	1,612
** Total Site Joint Sealants				1,612
Building Facade Joint Sealants				
HORIZONTAL JOINT SEALANTS - BRICK TO BRICK	1,000.00	LF	1.55	1,550
HORIZONTAL JOINT SEALANTS - BRICK TO BRICK	160.00	LF	2.10	336
JOINT SEALANTS - EXTERIOR OPENINGS	3,200.00	LF	1.55	4,960
JOINT SEALANTS - EXTERIOR OPENINGS	40.00	LF	15.00	600
VERTICAL JOINT SEALANTS - BRICK TO BRICK	200.00	LF	1.55	310
VERTICAL JOINT SEALANTS - BRICK TO BRICK	60.00	LF	1.80	108
** Total Building Facade Joint Sealants				7,864
* Total 07.01 - WATERPROOF / DAMPPROOF / JOINT SEALANTS				121,750

07.02 - INSULATION

Rigid Insulation

THERM INSULATION AT BREEZEWAY SOFFIT	1,500.00	SF	6.00	9,000
** Total Rigid Insulation				9,000

WILCO Regional Animal Shelter - GMP

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Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
* Total 07.02 - INSULATION				9,000
07.03 - ROOFING				
Roof Blocking				
ROOF BLOCKING - 2 x 6 TREATED WOOD BLOCKING	1,287.00	LF	2.20	2,831
** Total Roof Blocking				2,831
Other Blocking & Grounds				
PARAPET BLOCKING - FIRE TREATED PLYWOOD - 1/2" - PER 03/A.3-6.30	730.00	SF	2.79	2,040
** Total Other Blocking & Grounds				2,040
Roof Accessories				
SPLASH BLOCK - PRECAST	5.00	EA	200.00	1,000
** Total Roof Accessories				1,000
Gutters & Downspouts				
GUTTER - 4" PREFINISHED ALUMINUM	850.00	LF	15.00	12,750
DOWNSPOUT - 4" PREFINISHED ALUMINUM	200.00	LF	14.00	2,800
** Total Gutters & Downspouts				15,550
Flashings & Trim				
SHEETMETAL FLASHING	650.00	LF	4.00	2,600
** Total Flashings & Trim				2,600
Membrane Roofing				
TPO MEMBRANE ROOF - 60 MIL FULLY ADHERED	8,720.00	SF	12.50	109,000
** Total Membrane Roofing				109,000
Roof Flashings				
PREFINISHED COPING CAP ON PARAPET	200.00	LF	42.00	8,400
** Total Roof Flashings				8,400
Roof Accessories				
ROOF WALKWAY PADS	150.00	EA	64.00	9,600
** Total Roof Accessories				9,600
Roof Hatches				
ROOF HATCH - 3x3	1.00	EA	1,500.00	1,500
** Total Roof Hatches				1,500
Install Roof Hatches				
INSTALL ROOF HATCHES - 3x3	1.00	EA	165.88	166
** Total Install Roof Hatches				166
* Total 07.03 - ROOFING				152,687
08.00 - DOORS, FRAMES, AND HARDWARE				
Doors				
TYPE D-1D 3070 HOLLOW METAL DOOR (INSTALLED IN AL FRAME)	4.00	EA	320.00	1,280
** Total Doors				1,280
Solid Core Plam Doors				
TYPE D-1C 3070 PLASTIC LAMINATE DOOR - SOLID CORE	1.00	EA	225.00	225
TYPE D-1A 3072 PLASTIC LAMINATE DOOR - SOLID CORE	4.00	EA	410.00	1,640
TYPE D-2A 3072 PLASTIC LAMINATE DOOR - SOLID CORE (DOUBLE VISION PANEL)	4.00	EA	410.00	1,640
TYPE D-4 3072 PLASTIC LAMINATE DOOR - SOLID CORE (DOUBLE VISION PANEL)	2.00	EA	410.00	820
** Total Solid Core Plam Doors				4,325
Hardware Sets				

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
DOOR HARDWARE SET - 01	3.00	EA	680.00	2,040
DOOR HARDWARE SET - 04	2.00	EA	680.00	1,360
DOOR HARDWARE SET - 07	4.00	EA	680.00	2,720
DOOR HARDWARE SET - 08	9.00	EA	680.00	6,120
DOOR HARDWARE SET - 10	4.00	EA	680.00	2,720
DOOR HARDWARE SET - 11	6.00	EA	680.00	4,080
DOOR HARDWARE SET - 12	1.00	EA	680.00	680
DOOR HARDWARE SET - 12 (@ PAIR OF HM DOORS)	4.00	EA	680.00	2,720
DOOR HARDWARE SET - 13	2.00	EA	680.00	1,360
DOOR HARDWARE SET - 14	1.00	EA	680.00	680
** Total Hardware Sets				24,480
FRP Doors				
TYPE D-1A 3474 FIBERGLASS DOOR FRAME (SOLID PANEL)	3.00	EA	3,800.00	11,400
TYPE D-1B 3474 FIBERGLASS DOOR FRAME (SOLID PANEL)	1.00	EA	3,800.00	3,800
TYPE D-2C 3070 FIBERGLASS DOOR & FRAME (DOUBLE VISION PANEL)	2.00	EA	3,100.00	6,200
TYPE D-2A 3474 FIBERGLASS DOOR FRAME (DOUBLE VISION PANEL)	11.00	EA	3,100.00	34,100
TYPE D-3 3474 FIBERGLASS DOOR FRAME (NARROW LITE)	4.00	EA	2,870.00	11,480
** Total FRP Doors				66,980
* Total 08.00 - DOORS, FRAMES, AND HARDWARE				97,065

08.28 - GLASS & GLAZING

Aluminum Frames & Trim

F1 3072 ALUMINUM FRAME TO RECEIVE PLAM DOORS	10.00	EA	725.00	7,250
TYPE F-4 3472 ALUMINUM FRAME	1.00	EA	750.00	750
F3 5474 ALUMINUM FRAME WITH PAIR (2)	1.00	EA	2,100.00	2,100
TYPE D-2A 2672 DOOR INCLS HARDWARE (OPENING 322)				
TYPE F-4 3472 ALUMINUM FRAME WITH TYPE D-1C 3070 AL DOOR (SOLID PANEL)	3.00	EA	1,100.00	3,300
TYPE F-5 6472 ALUMINUM FRAME	2.00	EA	850.00	1,700
F1 3474 ALUMINUM FRAME WITH TYPE D-2A 3072 AL DOOR (DOUBLE VISION PANEL)	24.00	EA	1,100.00	26,400
TYPE F-4 3472 ALUMINUM FRAME WITH TYPE D-2C 3070 AL DOOR (DOUBLE VISION PANEL)	3.00	EA	1,100.00	3,300
F1 3474 ALUMINUM FRAME WITH TYPE D-3 3072 AL DOOR (BORROWED LITE)	1.00	EA	1,100.00	1,100
TYPE F-4 3472 ALUMINUM FRAME WITH TYPE D-3B 3070 AL DOOR (DOUBLE VISION PANEL)	2.00	EA	1,100.00	2,200
** Total Aluminum Frames & Trim				48,100

Hardware Sets

DOOR HARDWARE SETS BY GLASS & GLAZING - 01	16.00	EA	625.00	10,000
DOOR HARDWARE SETS BY GLASS & GLAZING - 02	1.00	EA	625.00	625
DOOR HARDWARE SETS BY GLASS & GLAZING - 03	1.00	EA	625.00	625
DOOR HARDWARE SETS BY GLASS & GLAZING - 05	6.00	EA	625.00	3,750
DOOR HARDWARE SETS BY GLASS & GLAZING - 06	1.00	EA	625.00	625
DOOR HARDWARE SETS BY GLASS & GLAZING - 07	3.00	EA	625.00	1,875
DOOR HARDWARE SETS BY GLASS & GLAZING - 08	4.00	EA	625.00	2,500
DOOR HARDWARE SETS BY GLASS & GLAZING - 09	5.00	EA	625.00	3,125
DOOR HARDWARE SETS BY GLASS & GLAZING - 10	3.00	EA	625.00	1,875
DOOR HARDWARE SETS BY GLASS & GLAZING - 11	1.00	EA	625.00	625

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
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Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Hardware Sets				25,625
Aluminum Windows				
TYPE A - 3'-4"x6'-8" STOREFRONT PUNCH WINDOWS - 665 SF	30.00	EA	1,075.00	32,250
TYPE C - 6'-6" x 6'-8" STOREFRONT PUNCH WINDOWS - 477 SF	11.00	EA	2,103.00	23,133
TYPE D - 13'-4" x 6'-8" STOREFRONT PUNCH WINDOWS - 622 SF	7.00	EA	4,310.00	30,170
TYPE B - 3'-4"x 4'-0" STOREFRONT PUNCH WINDOWS - 133 SF	10.00	EA	535.35	5,354
** Total Aluminum Windows				90,907
Glass Doors & Entrances				
TYPE D1 - TYPE 2 INTERIOR ALUMINUM DOOR & FRAME-3072 INCLS HARDWARE - 4'-6" x 7'-4"	3.00	EA	3,003.00	9,009
TYPE D1 - TYPE 2 EXTERIOR ALUMINUM DOORS 3072 (WITHIN STOREFRONTS) INCLS HARDWARE - 4'-8" x 7'-4"	1.00	EA	3,050.00	3,050
TYPE 1A - ALUMINUM 3070 PAIR DOORS & 6070 FRAME (PAIR) INCLS HARDWARE	2.00	EA	5,462.00	10,924
TYPE F1 - TYPE 2 INTERIOR ALUMINUM DOORS 3072 (WITHIN STOREFRONTS) INCLS HARDWARE - 8'-6" x 7'-4"	2.00	EA	4,120.00	8,240
TYPE D2A EXTERIOR ALUMINUM ENTRANCE DOOR & FRAME-3072 (DOUBLE VISION PANEL) INCLS HARDWARE	16.00	EA	1,600.00	25,600
TYPE 3 - ALUMINUM DOOR & FRAME-3070 (SMALL VISION PANEL) INCLS HARDWARE	1.00	EA	3,150.00	3,150
TYPE F2 - PAIR ALUMINUM ENTRANCE DOOR & FRAME-(2) 3072 (LEVEL 2 VESTIBULE) INCLS HARDWARE - 12'-8" x 7'-4"	2.00	PAIR	7,200.00	14,400
** Total Glass Doors & Entrances				74,373
Storefront Window Systems				
TYPE E2 - STOREFRONT GLAZING SYSTEMS - INTERIOR 6'-8" x 7'-4" (3 EA) TO RECEIVE WOOD DOOR	147.00	SF	39.50	5,806
TYPE E2 - STOREFRONT GLAZING SYSTEMS - EXTERIOR 6'-8" x 7'-4" (ELEV VESTIBULE - 403 02/A.3-3.02)	49.00	SF	39.50	1,936
** Total Storefront Window Systems				7,742
Interior Glass in Doors				
TEMPERED GLASS IN DOORS (LARGE SIZE)	7.00	EA	200.00	1,400
** Total Interior Glass in Doors				1,400
Glass and Glazing Scope Items				
TESTING OF STOREFRONT SYSTEMS	1.00	LS		
** Total Glass and Glazing Scope Items				
* Total 08.28 - GLASS & GLAZING				248,147
08.38 - DOOR & HARDWARE INSTALLATION				
Door Distribution				
DISTRIBUTE HOLLOW METAL DOORS	4.00	EA	15.36	61
** Total Door Distribution				61
Frame Distribution				
DISTRIBUTE FIBERGLASS DOORS & FRAMES	19.00	EA	24.58	467
DISTRIBUTE FIBERGLASS DOORS & FRAMES	2.00	EA	15.36	31
** Total Frame Distribution				498
Set Hollow Metal Doors				
SET HOLLOW METAL DOORS	4.00	EA	41.88	168
** Total Set Hollow Metal Doors				168
Plastic Laminate Door Distribution				
DISTRIBUTE DOORS	1.00	EA	10.00	10

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
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Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
DISTRIBUTE PLAM DOORS DOORS	9.00	EA	10.00	90
** Total Plastic Laminate Door Distribution				100
Set Plastic Laminate Doors				
INSTALL PLAM DOORS	9.00	EA	46.46	418
SET PLAM DOORS	1.00	EA	41.82	42
** Total Set Plastic Laminate Doors				460
Install Hardware Sets				
LABOR TO INSTALL HARDWARE @ PLAM DOORS	9.00	EA	232.32	2,091
LABOR TO SET HARDWARE	5.00	EA	232.32	1,162
LABOR TO INSTALL HARDWARE @ FRP DOORS	19.00	EA	232.32	4,414
UNLOAD AND DISTRIBUTE HARDWARE SETS	27.00	EA	43.37	1,171
UNLOAD AND DISTRIBUTE HARDWARE SETS	5.00	EA	41.82	209
** Total Install Hardware Sets				9,046
FRP Doors				
INSTALL FRP DOORS & FRAMES	19.00	EA	55.84	1,061
INSTALL FRP DOORS & FRAMES	2.00	EA	52.35	105
** Total FRP Doors				1,166
* Total 08.38 - DOOR & HARDWARE INSTALLATION				11,499
09.01 - PLASTER				
Plaster Walls				
ACOUSTICAL PLASTER FROM 6' - 10' AT NEWS DOG ADOPTION ROOMS	1,700.00	SF	22.00	37,400
** Total Plaster Walls				37,400
* Total 09.01 - PLASTER				37,400
09.02 - DRYWALL				
Millwork Blocking				
MILLWORK - 2 x 6 FIRE TREATED WOOD BLOCKING @ FOOD PREP 211	16.00	LF	2.98	48
MILLWORK - 2 x 6 FIRE TREATED WOOD BLOCKING	33.00	LF	2.98	98
MILLWORK - 2 x 6 FIRE TREATED WOOD BLOCKING @ LOBBY 100 - WORK TABLE - REF 1/A1-3.60	11.00	LF	2.98	33
MILLWORK - 2 x 6 FIRE TREATED WOOD BLOCKING @ SURGERY PREP 106 - REF 05/A1-7.01	21.00	LF	2.98	63
** Total Millwork Blocking				241
Window Blocking				
WINDOW BLOCKING - 2 x 6 FIRE TREATED WOOD BLOCKING - ELIMINATE 72 LF		LF	3.11	
** Total Window Blocking				
Toilet Accessory Blocking				
TOILET ACCESSORY - 2 x 6 FIRE TREATED WOOD BLOCKING	15.00	LF	2.98	45
** Total Toilet Accessory Blocking				45
Toilet Partition Blocking				
TOILET PARTITION - 2 x 4 FIRE TREATED WOOD BLOCKING	26.00	LF	2.86	74
TOILET PARTITION - 2 x 6 FIRE TREATED WOOD BLOCKING	36.00	LF	3.11	112
** Total Toilet Partition Blocking				186
Vanity Supports				
VANITY SUPPORT - 2 x 6 FIRE TREATED WOOD BLOCKING	12.00	LF	2.98	36
** Total Vanity Supports				36

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
Other Blocking & Grounds				
CAGES BLOCKING - FIRE TREATED PLYWOOD - 1/2"	63.00	SF	2.69	169
KENNEL BLOCKING - FIRE TREATED PLYWOOD - 1/2"	142.00	SF	2.69	382
** Total Other Blocking & Grounds				551
Exterior Gypboard Partitions				
CEMENTITIOUS BOARD WALL SIDING WITH HORIZONTAL BATTENS ON FURRING STRIPS	8,203.00	SF	10.75	88,181
PREMIUM FOR MOISTURE RESISTANT GYP BOARD @ ANIMAL HOLDING AREAS	8,329.00	SF	0.30	2,499
PREMIUM FOR MOISTURE RESISTANT GYP BOARD @ RESTROOMS	1,240.00	SF	0.30	372
EXTERIOR PARTITIONS - TO 24' -16 GA.6"STUDS@16", EXT.SHEATH,INT. GYP	459.00	LF	198.00	90,882
** Total Exterior Gypboard Partitions				181,933
Interior Partitions to Deck, One Layer Ea Side				
A2 PARTITION - TO 12' -20 GA.3 5/8"@16",1 EA 5/8"GYP EA. SIDE	271.00	LF	78.00	21,138
B2 PARTITION TO 12' -20 GA.3 5/8"@16",1 EA 5/8"GYP EA. SIDE	24.00	LF	65.00	1,560
B2 PARTITION TO 12' -20 GA.3 5/8"@16",1 EA 5/8"GYP EA. SIDE	24.00	LF	78.00	1,872
C2 PARTITION TO 12' -20 GA.3 5/8"@16",1 EA 5/8"GYP EA. SIDE	18.00	LF	65.00	1,170
A3 PARTITION - TO 12' -20 GA.6"@16",1 EA 5/8"GYP EA. SIDE	114.00	LF	78.00	8,892
C3 PARTITION - TO 12' -20 GA.6"@16",1 EA 5/8"GYP EA. SIDE	8.00	LF	61.00	488
** Total Interior Partitions to Deck, One Layer Ea Side				35,120
Chase Walls, One Layer Ea Side				
2 TO 10'-20 GA.3 5/8"@16",1 EA 5/8"GYP EA. FINISH SIDE	39.00	LF	115.00	4,485
** Total Chase Walls, One Layer Ea Side				4,485
Furred Walls, One Layer on Finish Side				
L8 - DRWYALL FURRING ON CMU - TO 9' -20 GA.7/8"@16",1 EA 5/8"GYP FINISH SIDE	49.00	LF	20.00	980
TO 10' -20 GA.2 1/2"@16",1 EA 5/8"GYP FINISH SIDE - COLUMNS	59.00	LF	30.00	1,770
DRYWALL FURRING BELOW CAT CAGES	186.00	LF	168.00	31,248
E-7 PARTITION - TO 9' -25 GA.3 5/8"@16",1 EA 5/8"GYP FINISH SIDE	143.00	LF	31.00	4,433
E2 PARTITION - TO 10' -20 GA.3 5/8"@16",1 EA 5/8"GYP FINISH SIDE	22.00	LF	31.00	682
** Total Furred Walls, One Layer on Finish Side				39,113
Partitions to Grid, One Layer Ea Side				
DRYWALL INFILL - TO 9' -20 GA.2 1/2"@16",1 EA 5/8"GYP EA. SIDE	3.00	LF	37.00	111
** Total Partitions to Grid, One Layer Ea Side				111
Extra Applied Drywall Layers				
1/2" SHEATHING @ PARAPET, BEHIND COPING ON FACADE PER 03/A3-6.30	440.00	SF	2.00	880
** Total Extra Applied Drywall Layers				880
Other Gyp Board Partitions				
EXTERIOR WALL ASSEMBLY AT FACADE - 3'-6" -20 GA.6"@16",1 EA 5/8"GYP EA. SIDE	145.00	LF	44.00	6,380
INTERIOR WALL ASSEMBLY AT STAIR ABOVE CMU - 3'-6" -20 GA.6"@16",1 EA 5/8"GYP FINISH SIDE (16/A.3-6.30)	34.00	LF	44.00	1,496
DRWALL @ STAIRS PER SHEET A.3-4.00	61.00	SF	22.00	1,342
COLUMN WRAP NEXT TO RECEPTION DESK - PER CRL ITEM NO. 107	1.00	EA	250.00	250

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
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Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
** Total Other Gyp Board Partitions				9,468
Drywall Ceilings				
CEMENTITIOUS BOARD SIDING @ SOFFITS (BREEZEWAY, VESTIBULE & GET ACQ)*	1,174.00	SF	12.00	14,088
CEMENTITIOUS BOARD SIDING @ SOFFITS @ BALCONY - DELETED PER CRL ITEM NO. 38		SF	5.55	
FRAMING AND SHEATHING AT EXTERIOR SOFFIT (ADD CEMENTITIOUS BOARD) @ BREEZEWAYS, VESTIBULE & GET ACQ*	1,174.00	SF	6.00	7,044
REPAIR DRYWALL CEILINGS AROUND NEW PARTITIONS - ASSUMPTION	40.00	SF	6.00	240
REPAIR DRYWALL CEILINGS AT LAUNDRY VENTS & SURGERY ROOM - ASSUMPTION	50.00	SF	6.00	300
REPLACE DRYWALL CEILINGS @ INTAKE, SURGERY & SURGERY PREP ROOMS	687.00	SF	6.00	4,122
VENTED CEMENTITIOUS TRIM BOARD (217 LF - 6" WIDE) - COVERED IN SOFFIT TOTAL PRICE	108.00	SF		
DRYWALL CEILING - 1 LAYER GYP TO 14' HEIGHT (LVL 2 VESTIBULE)	200.00	SF	4.50	900
DRYWALL CEILING - 1 LAYER GYP TO 14' HEIGHT PATCH FOR MEP UPGRADES	3,500.00	SF	4.50	15,750
** Total Drywall Ceilings				42,444
Drywall Furrdowns				
FURRDOWN - 2' WIDE - ABOVE CAGES (7' TALL)	212.00	LF	168.00	35,616
FURRDOWN - 2' WIDE - AT LAUNDRY - DELETED AT 100% DD		LF	66.00	
** Total Drywall Furrdowns				35,616
Sealants by Drywall				
ACOUSTICAL SEALANT	1,540.00	LF	1.75	2,695
** Total Sealants by Drywall				2,695
Insulation by Drywall				
ACOUSTICAL WALL INSULATION - 2 "	160.00	SF	0.85	136
ACOUSTICAL WALL INSULATION - 3.5 "	4,620.00	SF	0.55	2,541
BATT INSULATION, UNFACED 6" (R-19) @ EXTERIOR GYP BOARD WALLS	11,325.00	SF	1.25	14,156
** Total Insulation by Drywall				16,833
Drywall Scope Items				
ENGINEERING FEES	1.00	LS	5,000.00	5,000
** Total Drywall Scope Items				5,000
Acoustical Ceilings				
STANDARD 2 x 4 ACOUSTICAL CEILING	3,646.00	SF	4.00	14,584
STANDARD 2 x 4 ACOUSTICAL CEILING @ STORAGE & WORK UP	71.00	SF	4.00	284
SUSPENDE ACOUSTICAL CEILING CLOUD (PAW) AT LOBBY	338.00	SF	12.00	4,056
TECTUM ACOUSTICAL PANELS AFFIXED TO DECK AT LOBBY	1,333.00	SF	4.50	5,999
WASHABLE 2 x 4 ACOUSTICAL CEILING @ ANIMAL HOLDING AREAS, DISHWASH, FOODPREP & LAUNDRY	6,317.00	SF	7.00	44,219
WASHABLE 2 x 4 ACOUSTICAL CEILING @ ANIMAL HOLDING AREAS	8,218.00	SF	7.00	57,526
** Total Acoustical Ceilings				126,668
Wallcoverings				
FRP UP TO 4'-0"	2,236.00	SF	3.00	6,708
FRP TO 4' AT CAT, COLONY & GET ACQUAINTED AREAS	2,372.00	SF	3.00	7,116
FRP UP TO 4' @ DISHWASH	244.00	SF	3.00	732
** Total Wallcoverings				14,556
* Total 09.02 - DRYWALL				515,982

09.03 - TILE

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
Waterproofing				
WATERPROOFING MEMBRANE	310.00	SF	4.55	1,411
** Total Waterproofing				1,411
Ceramic tile				
CERAMIC TILE - RESTROOM 12x12	310.00	SF	31.37	9,725
TILE BASE	132.00	LF	17.00	2,244
WALL TILE - 4x4 - RESTROOM UP TO 6'	828.00	SF	17.00	14,076
WALL TILE - 4x4 @ FOOD PREP - UP TO 4' - ELIMINATED ON 75% DD		SF	10.00	
LARGE FORMAT TILE - 12 X 12 AT ELEVATOR CAB	45.00	SF	15.00	675
** Total Ceramic tile				26,720
Tile Scope Items				
EPOXY GROUT	1,138.00	SF	1.50	1,707
CRACK ISOLATION MEMBRANE	310.00	SF	1.50	465
MOISTURE LIMITER ON TILE @ FLOOR TILE	310.00	SF	4.75	1,473
RONDEC BY SCHLUTER - AL TRIM	132.00	LF	11.00	1,452
SCHLUTER TRIM @ FLOORING TRANSITIONS	7.00	LF	9.50	67
** Total Tile Scope Items				5,163
* Total 09.03 - TILE				33,294
09.07 - CARPET, VINYL FLOORING, & BASE				
VCT				
REPAIR VCT FLOORING WHERE RECEPTION DESK AND PARTITIONS WERE REMOVED	42.00	SF	4.00	168
** Total VCT				168
Resilient Sheet Flooring				
SHEET VINYL - ELIMINATED AT 75% DD		SF	6.50	
SHEET VINYL - STORAGE ROOMS - ELIMINATED ON 75% DD		SF	6.50	
SHEET VINYL COVED BASE ADD - ELIMINATED AT 75% DD		LF	7.09	
** Total Resilient Sheet Flooring				
Resilient Base				
RESILIENT BASE - 4"	1,722.00	LF	1.10	1,894
RESILIENT BASE - 4" - ELIMINATED AT 75% DD		LF	1.10	
RESILIENT BASE - 4" - ELIMINATED AT NEW DRYWALL PARTITIONS	22.00	LF	1.10	24
RESILIENT BASE - 4" @ ROOMS WITH CONCRETE SEALER - ELIMINATED ON 100% DD		LF	1.10	
** Total Resilient Base				1,918
* Total 09.07 - CARPET, VINYL FLOORING, & BASE				2,086
09.10 - EPOXY FLOORING				
Tile Scope Items				
MOISTURE LIMITER AT EPOXY	6,447.00	SF	2.50	16,118
** Total Tile Scope Items				16,118
Epoxy Flooring				
SEAMLESS EPOXY FLOORING	6,447.00	SF	8.00	51,576
SEAMLESS EPOXY FLOORING @ CAT ISO	294.00	SF	8.00	2,352
SEAMLESS EPOXY FLOORING @ DOG KENNELS	5,611.00	SF	8.00	44,888
SEAMLESS EPOXY FLOORING INTEGRAL BASE - UP TO 8"	1,562.00	LF	7.50	11,715
SEAMLESS EPOXY FLOORING INTEGRAL BASE - UP TO 8" - ADJUSTED	1,073.00	LF	7.50	8,048
SEAMLESS EPOXY FLOORING INTEGRAL BASE @ CONCRETE CURBS BELOW GLASS BLOCK WALLS @ KENNELS	1,522.00	LF	9.50	14,459
INCLUDES SHOTBLASTING SUBSTRATE	5,611.00	SF	0.50	2,806

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Epoxy Flooring				135,843
* Total 09.10 - EPOXY FLOORING				151,961
09.12 - PAINTING				
Paint Drywall				
LATEX PAINT DRYWALL PARTITIONS	5,052.00	SF	0.75	3,789
LATEX PAINT DRYWALL PARTITIONS (WALL BETWEEN ROOMS 204 & 205)	171.00	SF	0.75	128
LATEX PAINT DRYWALL PARTITIONS	11,531.00	SF	0.75	8,648
LATEX PAINT DRYWALL PARTITIONS ABOVE TILE @ RESTROOMS	551.00	SF	0.75	413
LATEX PAINT NEW DRYWALL CEILINGS	1,882.00	SF	0.75	1,412
EPOXY PAINT DRYWALL PARTITIONS	5,630.00	SF	0.95	5,349
** Total Paint Drywall				19,739
Paint Masonry				
BLOCK FILLER	7,507.00	SF	1.10	8,258
LATEX PAINT CMU ABOVE FRP	2,633.00	SF	0.95	2,501
LATEX PAINT CMU FULL HEIGHT	8,679.00	SF	0.95	8,245
EPOXY PAINT CMU	4,315.00	SF	1.45	6,257
EPOXY PAINT CMU ABOVE FRP*	704.00	SF	1.45	1,021
EPOXY PAINT CMU ABOVE TILE WAINSCOTT (2' HIGH)	925.00	SF	1.45	1,341
EPOXY PAINT CMU ABOVE TILE WAINSCOTT (6' HIGH)	3,323.00	SF	1.45	4,818
EPOXY PAINT CMU FULL HEIGHT	2,915.00	SF	1.45	4,227
** Total Paint Masonry				36,668
Paint Doors & Frames				
PAINT HOLLOW METAL FRAMES - ASSUMPTION (ALL ROOMS RECEIVING WALL PAINT)	15.00	EA	75.00	1,125
PAINT HOLLOW METAL FRAMES - ASSUMPTION (ROOMS RECEIVING PAINT - LAUNDRY, INTAKE & DISHWASH)	3.00	EA	75.00	225
PAINT HOLLOW METAL DOORS - ASSUMPTION (ALL ROOMS RECEIVING WALL PAINT)	15.00	EA	75.00	1,125
PAINT FRP FRAMES	21.00	EA	105.00	2,205
PAINT FRP DOORS	21.00	EA	125.00	2,625
** Total Paint Doors & Frames				7,305
Paint Stairs & Railings				
PAINT PAN STAIRS - INTERIOR	150.00	RSR LF	10.00	1,500
PAINT PAN STAIRS - EXTERIOR	225.00	RSR LF	10.00	2,250
PAINT PAN STAIRS LANDINGS - EXTERIOR	130.00	LF	10.00	1,300
PAINT HANDRAILS - SINGLE LINE	36.00	LF	10.00	360
PAINT HANDRAILS - 2 LINE	120.00	LF	10.00	1,200
PAINT HANDRAILS - SINGLE LINE (INTERIOR)	125.00	LF	10.00	1,250
** Total Paint Stairs & Railings				7,860
Paint Steel Members				
PAINT STEEL GUARDRAIL - INT	168.00	LF	20.00	3,360
PAINT STEEL GUARDRAIL - EXT	200.00	LF	20.00	4,000
PAINT SCREEN WALL HSS COLUMNS	375.00	LF	15.00	5,625
PAINT EXPOSED DECK @ BALCONY PER CRL ITEM NO.38	817.00	SF	2.50	2,043
PAINT STEEL MEMBER @ BALCONY PER CRL ITEM NO.38	848.00	SF	1.75	1,484
** Total Paint Steel Members				16,512
Paint Preparation				
TAPE & FLOAT BY PAINTER	12,653.00	SF	0.85	10,755
TAPE & FLOAT INCLUDED	38,745.00	SF	0.85	32,933
PATCHING EXISTING	5,000.00	SF	5.00	25,000
** Total Paint Preparation				68,688
Paint Scope Items				

WILCO Regional Animal Shelter - GMP

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Project Size: 0 sqft

Estimator: Vaughn Team

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Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
PAINT EXTERIOR CEMENTITIOUS FIBER BOARD SOFFITS	1,174.00	SF	4.00	4,696
PAINT EXTERIOR CEMENTITIOUS FIBER BOARD, BATTENS, & TRIM	9,377.00	SF	3.75	35,164
REPAINT EXISTING KENNELS - EPOXY	1.00	LS	5,500.00	5,500
** Total Paint Scope Items				45,360
* Total 09.12 - PAINTING				202,131
09.16 - CONCRETE SEALER / POLISHED CONCRETE				
Epoxy Flooring				
INCLUDES SHOTBLASTING SUBSTRATE AT ROOMS WITH CONCRETE SEALER - ELIMINATED ON 100% DD		SF	0.50	
** Total Epoxy Flooring				
Concrete Sealer				
CONCRETE SEALER	2,763.00	SF	1.75	4,835
CONCRETE SEALER AT LAUNDRY, INTAKE, DISHWASH & FOOD PREP - ELIMINATED ON 100% DD		SF	1.10	
CONCRETE SEALER - ELIMINATED ON 75% DD		SF	1.10	
CONCRETE SEALER - CONCRETE STAIRS	88.00	RSR LF	5.00	440
** Total Concrete Sealer				5,275
Concrete Staining				
EXTERIOR GRADE STAINED CONCRETE @ BALCONY & EXT GET ACQ	963.00	SF	5.00	4,815
POLISHED AND STAINED CONCRETE	4,140.00	SF	4.25	17,595
POLISHED AND STAINED CONCRETE - ELIMINATED ON 75% DD		SF	4.25	
** Total Concrete Staining				22,410
* Total 09.16 - CONCRETE SEALER / POLISHED CONCRETE				27,685
10.03 - TOILET COMPARTMENTS				
Plastic Toilet Compartments				
HDPE OVERHEAD BRACED TOILET COMPARTMENTS	3.00	EA	900.00	2,700
HDPE OVERHEAD BRACED PLASTIC LAMINATE HANDICAP TOILET COMPARTMENTS	2.00	EA	1,000.00	2,000
** Total Plastic Toilet Compartments				4,700
Install Toilet Compartments				
INSTALL TOILET PARTITIONS	5.00	EA	286.66	1,433
** Total Install Toilet Compartments				1,433
* Total 10.03 - TOILET COMPARTMENTS				6,133
10.05 - WALL PROTECTION				
Plastic Wall Protection				
SURFACE MOUNT CORNER GUARDS - 6' PHENOLIC (ACROVYN)	80.00	EA	30.00	2,400
** Total Plastic Wall Protection				2,400
Install Wall Protection				
INSTALL CORNER GUARDS	78.00	EA	38.59	3,010
INSTALL CORNER GUARDS @ H BLD	2.00	EA	38.59	77
** Total Install Wall Protection				3,087
* Total 10.05 - WALL PROTECTION				5,487
10.08 - SIGNAGE				
Install Directories				
INSTALL PLAQUES @ NEW BLD	1.00	EA	53.64	54
INSTALL ROOM SIGNAGE / WAYFINDING SIGNS	39.00	EA	49.91	1,946

WILCO Regional Animal Shelter - GMP

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Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
INSTALL ROOM SIGNAGE / WAYFINDING SIGNS - 28 EA	14.00	EA	49.91	699
INSTALL ROOM SIGNAGE / WAYFINDING SIGNS @ NEW BUILDING	54.00	EA	53.64	2,896
** Total Install Directories				5,595
Plaques				
CAST ALUMINUM PLAQUE - MEDIUM (24"X24") @ NEW BLD	1.00	EA	950.00	950
** Total Plaques				950
Exterior Signage				
EXTERIOR ALUMINUM LETTERS	37.00	EA	150.00	5,550
INSTALL INDIVIDUAL MOUNTED LETTERS - "WILLIAMSON COUNTY REGIONAL ANIMAL SHELTER"	1.00	LS	2,500.00	2,500
** Total Exterior Signage				8,050
Interior Signage				
ROOM SIGNAGE - 9" X 9" - 28 EA	14.00	EA	80.00	1,120
ROOM SIGNAGE - 9" X 9" - 75 EA	54.00	EA	80.00	4,320
ROOM SIGNAGE - 9" X 9" - N/A	20.00	EA	80.00	1,600
INSTALL ROOM SIGNAGE / WAYFINDING SIGNS - 75 EA BEFORE	37.00	EA	49.91	1,847
** Total Interior Signage				8,887
* Total 10.08 - SIGNAGE				23,482
10.10 - FIRE PROTECTION SPECIALTIES				
Fire Extinguisher Cabinets				
FIRE EXTINGUISHER W/CABINET	9.00	EA	225.00	2,025
** Total Fire Extinguisher Cabinets				2,025
Install Fire Protection Specialties				
INSTALL FIRE EXTINGUISHER WITH CABINET	2.00	EA	92.87	186
INSTALL FIRE EXTINGUISHER WITH CABINET	7.00	EA	33.17	232
** Total Install Fire Protection Specialties				418
* Total 10.10 - FIRE PROTECTION SPECIALTIES				2,443
10.11 - ALUMINUM COVERS & AWNINGS				
Canopies - Anodized Aluminum				
CLEAR ANODIZED ALUMINUM CANOPY UNDER 500 SF @ MAIN TO KENNEL RE: A1.00 SITE PLAN	739.00	SF	45.00	33,255
CLEAR ANODIZED ALUMINUM CANOPY UNDER 500 SF @ KENNEL TO NEW ADOPTIONS RE: A1.00 SITE PLAN	1,336.00	SF	45.00	60,120
CLEAR ANODIZED ALUMINUM CANOPY AT DOOR @ KENNEL TO NEW ADOPTIONS AT EXTERIOR STAIR	44.00	SF	50.00	2,200
** Total Canopies - Anodized Aluminum				95,575
* Total 10.11 - ALUMINUM COVERS & AWNINGS				95,575
10.17 - TOILET ACCESSORIES				
Grab Bars				
GRAB BARS - 36" SATIN FINISH, EXPOSED MTD.	2.00	EA	29.50	59
GRAB BARS - 42" SATIN FINISH, EXPOSED MTD.	2.00	EA	38.50	77
** Total Grab Bars				136
Paper Towel Dispensers				
PAPER TOWEL DISPENSER, SURFACE MTD	13.00	EA	53.00	689
PAPER TOWEL DISPENSER W/WASTE RECEPT, SURFACE MTD - SMALL @ RR - OFCI	2.00	EA		
** Total Paper Towel Dispensers				689
Toilet Paper Dispensers				

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
TOILET TISSUE DISPENSER, COVERED, DOUBLE ROLL, SURFACE MTD - OFCI	5.00	EA		
** Total Toilet Paper Dispensers				
Sanitary Napkin Disposals				
SANITARY NAPKIN DISPOSAL SURFACE MTD - OPEN FROM TOP	3.00	EA	30.00	90
TOILET SEAT COVER DISPENSER SURFACE MTD	5.00	EA	40.00	200
** Total Sanitary Napkin Disposals				290
Soap Dispensers				
SOAP DISPENSER - SURFACE MTD - OFCI	10.00	EA		
** Total Soap Dispensers				
Mirrors				
MIRROR 24x72	2.00	EA	250.00	500
** Total Mirrors				500
Mop Holders				
MOP HOLDER, SS 5 HOLDERS 48"L	1.00	EA	209.00	209
** Total Mop Holders				209
Robe & Hat Hooks				
ROBE HOOK & BUMPER	5.00	EA	7.00	35
** Total Robe & Hat Hooks				35
Diaper Changing Stations				
DIAPER CHANGING STATION	2.00	EA	350.00	700
** Total Diaper Changing Stations				700
Hand Dryers				
HAND DRYER, AUTO PILOT SURFACE MTD	2.00	EA	350.00	700
** Total Hand Dryers				700
Install Toilet Accessories				
INSTALL GRAB BARS	4.00	EA	15.48	62
INSTALL PAPER TOWEL DISPENSERS SURFACE MTD	8.00	EA	15.48	124
INSTALL PAPER TOWEL DISPENSERS SURFACE MTD	5.00	EA	14.40	72
INSTALL PAPER TOWEL DISPENSER WITH WASTE RECEPTICLE	2.00	EA	23.22	46
INSTALL TOILET TISSUE DISPENSER	5.00	EA	23.22	116
INSTALL NAPKIN/TAMPON DISPENSER	3.00	EA	15.48	46
INSTALL TOILET SEAT COVER DISPENSER	5.00	EA	14.40	72
INSTALL SOAP DISPENSER	10.00	EA	15.48	155
INSTALL MIRROR - LARGE	2.00	EA	23.22	46
INSTALL ROBE/CLOTHES HOOK	5.00	EA	7.74	39
INSTALL DIAPER CHANGING STATION	2.00	EA	15.48	31
INSTALL HAND DRYER	2.00	EA	43.21	86
** Total Install Toilet Accessories				896
* Total 10.17 - TOILET ACCESSORIES				4,155

10.24 - EXTERIOR SPECIALTIES

Install Miscellaneous Exterior Specialties

MESH WALL AT CAT GET ACQUAINTED	250.00	SF	30.00	7,500
** Total Install Miscellaneous Exterior Specialties				7,500
* Total 10.24 - EXTERIOR SPECIALTIES				7,500

11.14 - MISCELLANEOUS EQUIPMENT VENDOR

Miscellaneous Equipment

48" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 308	22.00	EA	91.00	2,002
48"x72" STAINLESS STEEL GRILL GATE AT ADOPTION DOGS RM 308	22.00	EA	500.00	11,000

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
72" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 308	2.00	EA	105.00	210
72"x24" STAINLESS STEEL FLAG PANEL FOR CMU WALL AT ADOPTION DOGS RM 308	22.00	EA	232.00	5,104
72"x72" STAINLESS STEEL GRILL GATE AND PANEL AT ADOPTION DOGS RM 308	2.00	EA	678.00	1,356
GUILLOTINE DOOR SYSTEM FOR CMU WALL AT ADOPTION DOGS RM 308	11.00	EA	205.00	2,255
48" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 314	22.00	EA	91.00	2,002
48"x72" STAINLESS STEEL GRILL GATE AT ADOPTION DOGS RM 314	22.00	EA	500.00	11,000
72" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 314	2.00	EA	105.00	210
72"x24" STAINLESS STEEL FLAG PANEL FOR CMU WALL AT ADOPTION DOGS RM 314	22.00	EA	232.00	5,104
72"x72" STAINLESS STEEL GRILL GATE AND PANEL AT ADOPTION DOGS RM 314	2.00	EA	678.00	1,356
GUILLOTINE DOOR SYSTEM FOR CMU WALL AT ADOPTION DOGS RM 314	11.00	EA	205.00	2,255
48" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 315	22.00	EA	91.00	2,002
48"x72" STAINLESS STEEL GRILL GATE AT ADOPTION DOGS RM 315	22.00	EA	500.00	11,000
72" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 315	2.00	EA	105.00	210
72"x24" STAINLESS STEEL FLAG PANEL FOR CMU WALL AT ADOPTION DOGS RM 315	22.00	EA	232.00	5,104
72"x72" STAINLESS STEEL GRILL GATE AND PANEL AT ADOPTION DOGS RM 315	2.00	EA	678.00	1,356
GUILLOTINE DOOR SYSTEM FOR CMU WALL AT ADOPTION DOGS RM 315	11.00	EA	205.00	2,255
STAND-ALONE STAINLESS STEEL KENNEL SYSTEM	1.00	LS	84,000.00	84,000
48" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 321	22.00	EA	91.00	2,002
48"x72" STAINLESS STEEL GRILL GATE AT ADOPTION DOGS RM 321	22.00	EA	500.00	11,000
72" STAINLESS STEEL FULL TROUGH COVER AT ADOPTION DOGS RM 321	2.00	EA	105.00	210
72"x24" STAINLESS STEEL FLAG PANEL FOR CMU WALL AT ADOPTION DOGS RM 321	22.00	EA	232.00	5,104
72"x72" STAINLESS STEEL GRILL GATE AND PANEL AT ADOPTION DOGS RM 321	2.00	EA	678.00	1,356
GUILLOTINE DOOR SYSTEM FOR CMU WALL AT ADOPTION DOGS RM 321	11.00	EA	205.00	2,255
30" STAINLESS STEEL SIDE PANEL AT SMALL DOGS RM 301	16.00	EA	100.00	1,600
48" MOBILE PLATFORM AT SMALL DOGS RM 301	12.00	EA	220.00	2,640
48" STAINLESS STEEL TOP PANEL AT SMALL DOGS RM 301	12.00	EA	191.00	2,292
48"x30" DOUBLE DECKER STAINLESS STEEL KENNEL AT SMALL DOGS RM 301	24.00	EA	723.00	17,352
60"x30" DOUBLE DOOR STAINLESS STEEL KENNEL W/ GLASS BACK AND CENTER DIVIDER AT CAT ADOPT RM 405 - 2 TIER	14.00	EA	1,547.00	21,658
60"x30" DOUBLE STAINLESS STEEL KENNEL W/ SOLID BACK AND CENTER DIVIDER AT CAT ADOPT RM 405 - 2 TIER	24.00	EA	1,456.00	34,944
DUAL 1 PINT WANT AND FOOD BOWL SET AT CAT ADOPT RM 405	36.00	EA	40.00	1,440
STAINLESS STEEL 60" TOP PANEL AT CAT ADOPT RM 405	19.00	EA	200.00	3,800
60"x30" DOUBLE STAINLESS STEEL KENNEL W/ SOLID BACK AND CENTER DIVIDER AT CAT ADOPT RM 409 - 2 TIER	32.00	EA	1,456.00	46,592
DUAL 1 PINT WANT AND FOOD BOWL SET AT CAT ADOPT RM 409	32.00	EA	40.00	1,280
STAINLESS STEEL 60" TOP PANEL AT CAT ADOPT RM 409	16.00	EA	200.00	3,200
NEW WASH DOWN SYSTEM - EXCLUDED IN BASE BID - ALTERNATE		LS	57,016.00	
NEW WASH DOWN SYSTEM - EXCLUDED IN BASE BID - ALTERNATE		LS	40,405.00	

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Miscellaneous Equipment				308,506
Install Misc. Equipment				
INSTALL ANIMAL EQUIPMENT	1.00	LS	10,000.00	10,000
INSTALL ANIMAL EQUIPMENT AT RENOVATED AREAS	1.00	LS	30,400.00	30,400
** Total Install Misc. Equipment				40,400
* Total 11.14 - MISCELLANEOUS EQUIPMENT				348,906
VENDOR				
12.04 - FLOOR MATS AND FRAMES				
Floor Mats, Frames & Grates				
4x8 ENTRANCE MAT - ALUMINUM W/ CARPET INSERTS (REMOVED AT CDs)	1.00	EA		
** Total Floor Mats, Frames & Grates				
Install Floor Mats, Frames & Grates				
INSTALL 4x8 ENTRANCE MAT (REMOVED AT CDs)	1.00	EA		
** Total Install Floor Mats, Frames & Grates				
* Total 12.04 - FLOOR MATS AND FRAMES				
12.05 - BLINDS AND SHADES				
Mecho Shades				
MANUAL MECO SHADES - ADD 100% DD (REMOVED AT CDs)	1,643.00	SF		
** Total Mecho Shades				
* Total 12.05 - BLINDS AND SHADES				
14.01 - ELEVATORS				
Hydraulic Elevator				
MACHINE ROOMLESS TRACTION PASSENGER ELEVATOR	2.00	STOPS	44,000.00	88,000
** Total Hydraulic Elevator				88,000
Elevators Scope Items				
TEMPORARY USE OF ELEVATOR	1.00	MO	6,500.00	6,500
CAB UPGRADE ALLOWANCE	1.00	EA	5,000.00	5,000
** Total Elevators Scope Items				11,500
* Total 14.01 - ELEVATORS				99,500
21.01 - FIRE PROTECTION				
Sprinkler Systems				
INSTITUTIONAL BASE FIRE PROTECTION - WET SYSTEM	16,037.00	SF	2.70	43,300
PREACTION SYSTEM AT BREEZEWAYS	1,589.00	SF	3.00	4,767
RENOVATE FIRE PROTECTION	12,617.00	SF	3.15	39,744
** Total Sprinkler Systems				87,810
* Total 21.01 - FIRE PROTECTION				87,810
22.01 - PLUMBING				
Misc. Site Plumbing				
SAWCUT PAVING FOR SITE PLUMBING	404.00	LF	12.50	5,050
ASPHALT PATCHING	480.00	SF	17.50	8,400
** Total Misc. Site Plumbing				13,450
Demo Building Plumbing				
RELOCATE PLUMBING FIXTURES/LINES TO ACCOMODATE NEW LAUNDRY EQUIPMENT	1,000.00	SF	12.00	12,000
DEMO FLOOR DRAIN	66.00	EA	110.00	7,260
DEMO PIPING TO 2" THRU 3-1/2" DIA. - UNDERGROUND	160.00	LF	25.75	4,120
SAWCUT INTERIOR CONCRETE FLOOR - FULL DEPTH (UP TO 6")	75.00	LF	17.00	1,275

WILCO Regional Animal Shelter - GMP

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Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
SAWCUT INTERIOR CONCRETE FLOOR - FULL DEPTH (UP TO 6")	45.00	LF	17.00	765
SAWCUT INTERIOR CONCRETE FLOOR - FULL DEPTH (UP TO 6") @ DISH WASH & LAUNDRY	105.00	LF	17.00	1,785
REMOVE CONCRETE FLOOR - 6" THICK	85.00	SF	10.00	850
REMOVE CONCRETE FLOOR - 6" THICK @ DISH WASH & LAUNDRY	100.00	SF	10.00	1,000
X-RAY CONCRETE PRIOR TO SAWCUTTING/CORING	2.00	LS	2,500.00	5,000
HAUL OFF SPOILS	10.00	LOAD	500.00	5,000
** Total Demo Building Plumbing				39,055
Domestic Water Piping				
L-Cu DIST. PIPING 1/2"	55.00	LF	33.54	1,845
PIPING 2"	76.00	LF	65.00	4,940
PIPING 3/4"	232.00	LF	39.00	9,048
L-Cu DIST. PIPING 3/4"	379.00	LF	38.82	14,712
L-Cu DIST. PIPING 1"	556.00	LF	50.31	27,972
L-Cu DIST. PIPING 1-1/4"	25.00	LF	51.25	1,281
L-Cu DIST. PIPING 1 1/2"		LF	40.72	
L-Cu DIST. PIPING 2"	131.00	LF	59.64	7,813
L-Cu DIST. PIPING 3"	69.00	LF	130.42	8,999
** Total Domestic Water Piping				76,610
Cleanouts & Specialties				
BACKFLOW PREVENTER	1.00	EA	1,000.00	1,000
** Total Cleanouts & Specialties				1,000
Sanitary Waste & Vent Piping				
C.I. WASTE & VENT ABOVE GROUND 2"	35.00	LF	24.00	840
C.I. WASTE & VENT ABOVE GROUND 2"	339.00	LF	31.20	10,577
C.I. WASTE & VENT ABOVE GROUND 3"	199.00	LF	37.70	7,502
C.I. WASTE & VENT ABOVE GROUND 4"	52.00	LF	50.70	2,636
C.I. WASTE & VENT ABOVE GROUND 6"		LF	63.00	
C.I. WASTE & VENT UNDERGROUND 2"	30.00	LF	45.50	1,365
C.I. WASTE & VENT UNDERGROUND 3"	329.00	LF	54.60	17,963
C.I. WASTE & VENT UNDERGROUND 4" - KENNELS	125.00	LF	71.50	8,938
C.I. WASTE & VENT UNDERGROUND 4"	637.00	LF	71.50	45,546
C.I. WASTE & VENT UNDERGROUND 4" - OUTSIDE BUILDING FOOTPRINT	145.00	LF	71.50	10,368
UNDERSLAB PIPING HANGERS	0.50	LF	7.50	4
EXCAVATION & BACKFILL	1,026.00	LF	20.00	20,520
EXCAVATION & BACKFILL	110.00	LF	50.00	5,500
** Total Sanitary Waste & Vent Piping				131,758
Floor Drains, Cleanouts, & Specialties				
FLOOR CLEANOUT 4"	1.00	EA	275.00	275
WALL CLEANOUT 4"	1.00	EA	250.00	250
YARD CLEANOUT 4"	10.00	EA	250.00	2,500
OIL MINDER SYSTEM W/ 55 GAL. STORAGE DRUM	1.00	EA	5,000.00	5,000
** Total Floor Drains, Cleanouts, & Specialties				8,025
Sump Pumps				
SUMP PUMP DUPLEX W/ BASIN, 1/2 HP EA	1.00	EA	12,800.00	12,800
STEEL DISCHARGE PIPING 3", SCH 40, WELDED	50.00	LF	65.00	3,250
** Total Sump Pumps				16,050
Natural Gas Piping				
BLACK STEEL NAT. GAS PIPING 1 1/2"	93.00	LF	40.00	3,720
BLACK STEEL NAT. GAS PIPING 1 1/4"	232.00	LF	40.00	9,280
BLACK STEEL NAT. GAS PIPING 1 1/4" - ATTACH TO OUTSIDE WALL & EAVES	130.00	LF	40.00	5,200
BLACK STEEL NAT. GAS PIPING 2"	101.00	LF	40.00	4,040
GAS METER/REGULATOR TO ACCOMMODATE NEW 75 CFH	1.00	EA	6,500.00	6,500

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
DISCONNECT GAS SUPPLY FROM EXISTING UNIT HEATER & CAP PIPE ABOVE CEILING	18.00	EA	350.00	6,300
** Total Natural Gas Piping				35,040
Piping Insulation				
PIPING INSULATION - CELLULAR GLASS 1- 1/2" WALL	1,523.00	LF	25.00	38,075
** Total Piping Insulation				38,075
Fixtures, Drains, Connections				
WC-1 - WATER CLOSET, WALL HUNG, FLUSH VALVE	3.00	EA	1,784.00	5,352
WC-2 - WATER CLOSET, WALL HUNG, FLUSH VALVE HC	2.00	EA	1,834.00	3,668
CARRIERS & SUPPORTS FOR WATER CLOSETS	5.00	EA	825.00	4,125
AUTOMATIC FLUSH SENSOR & OPERATOR FOR WATER CLOSET	5.00	EA	520.00	2,600
U-1 - URINAL, WALL HUNG FLUSH VALVE	1.00	EA	1,955.00	1,955
AUTOMATIC FLUSH SENSOR & OPERATOR FOR URINAL	1.00	EA	520.00	520
CARRIERS & SUPPORTS FOR URINALS	1.00	EA	520.00	520
LAVATORY, WALL HUNG VITREOUS		EA	1,520.00	
L-1 - LAVATORY, COUNTERTOP, SELF- RIMMING	6.00	EA	1,428.00	8,568
INFRARED SENSORS FOR LAVATORIES (W/ FAUCET HEAD)	6.00	EA	490.00	2,940
CARRIERS & SUPPORTS FOR LAVATORIES		EA	465.00	
MOP RECEPTOR, FLR MNTD TERRAZZO		EA	1,799.00	
SS-1 - SERVICE SINK	1.00	EA	1,496.00	1,496
CCS-1 - CLINICAL SINK, HUNG, FOOT CONTROL	2.00	EA	1,756.00	3,512
EDF-1- DRINKING FOUNTAIN WALL HUNG, ELECT, HI / LOW	1.00	EA	2,350.00	2,350
SK-1 - MULTI-PURP SINK, 1 COMP, SS	2.00	EA	1,655.00	3,310
SK-1 - MULTI-PURP SINK, 2 COMP, SS	1.00	EA	1,837.00	1,837
SK-2 - MULTI-PURP SINK, 2 COMP, SS	4.00	EA	1,837.00	7,348
3" FLOOR DRAIN, CAST IRON	1.00	EA	347.00	347
3" FLOOR DRAIN, CAST IRON - AT AHU	1.00	EA	347.00	347
AD-1 - (2"-3") FLOOR DRAIN, CAST IRON	25.00	EA	347.00	8,675
AD-2 - (2"-3") FLOOR DRAIN, CAST IRON	10.00	EA	489.00	4,890
FD-2 - (2"-3") FLOOR DRAIN, CAST IRON	1.00	EA	347.00	347
FD-2 - (4"-5") FLOOR DRAIN, CAST IRON	1.00	EA	560.00	560
AD-3 - 4" FLUSHING RIM FLOOR DRAIN	7.00	EA	1,105.00	7,735
FS-1 - FLOOR SINK, STAINLESS STEEL	1.00	EA	967.00	967
AUTOMATIC FLUSHING SYSTEM FOR TRENCH DRAINS	7.00	EA	1,500.00	10,500
TRAP PRIMERS	37.00	EA	150.00	5,550
APPLIANCE BOX	2.00	EA	75.00	150
TD - TRENCH DRAIN - CHEMICAL RESISTANT POLYPROPYLENE DRAIN; ZURN Z886	505.00	LF	275.48	139,117
HB-1 - HOSE BIB 3/4"	8.00	EA	75.00	600
WH-1 - WALL HYDRANT 3/4"	6.00	EA	210.00	1,260
** Total Fixtures, Drains, Connections				231,146
Water Softeners				
PACKAGED WATER SOFTENER 180 GPM	2.00	EA	19,500.00	39,000
** Total Water Softeners				39,000
Water Heaters				
GAS WH, DOMESTIC, 230 GPH	4.00	EA	9,200.00	36,800
** Total Water Heaters				36,800
Misc. Pumps				
IN-LINE RECIRC PUMP, 1 1/2"	1.00	EA	1,373.15	1,373
TERMOSTATIC MIXING VALVE	1.00	EA	1,898.00	1,898
** Total Misc. Pumps				3,271
Plumbing Scope Items				
FIRESTOP OWN PENETRATIONS	22,915.00	SF	1.25	28,644

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

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Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Plumbing Scope Items				28,644
* Total 22.01 - PLUMBING				697,925
23.01 - HVAC				
Building HVAC Demo				
DEMO BUILDING HVAC	8,150.00	SF	1.25	10,188
** Total Building HVAC Demo				10,188
Building HVAC				
HVAC - REMODEL	6,820.00	SF	18.00	122,760
DX COOLING/GAS HEATING - PREVIOUSLY HOLDING 50 TONS AT 275K		TONS	5,500.00	
DX COOLING/GAS HEATING AT EXISTING KENNELS - PREVIOUSLY HOLDING 30 TONS AT 165K		TONS	5,500.00	
** Total Building HVAC				122,760
Building HVAC Controls				
CONTROLS TURNKEY - BASIC	24,187.00	SF	3.75	90,701
** Total Building HVAC Controls				90,701
Supply/Return/Exhaust Duct				
RECTANGULAR DUCT LB/SF - 16,037 SF	24,055.50	LB	6.75	162,375
RECTANGULAR DUCT LB/SF - 8,150 SF	12,225.00	LB	9.50	116,138
** Total Supply/Return/Exhaust Duct				278,512
Duct & Piping Insulation				
DUCT INSULATION	1.00	LS	7,545.00	7,545
DUCT INSULATION	1.00	LS	81,243.00	81,243
** Total Duct & Piping Insulation				88,788
Air Distribution Devices				
TYPE A - SUPPLY DIFFUSERS LOUVERED	15.00	EA	115.00	1,725
TYPE B - SUPPLY DIFFUSERS LOUVERED	48.00	EA	115.00	5,520
TYPE C - SUPPLY DIFFUSERS LOUVERED	19.00	EA	115.00	2,185
TYPE D - SUPPLY DIFFUSERS LOUVERED	3.00	EA	115.00	345
TYPE L - SUPPLY DIFFUSERS LOUVERED	6.00	EA	115.00	690
TYPE F - RETURN GRILLES STANDARD	8.00	EA	95.00	760
TYPE G - EXHAUST REGISTERS	19.00	EA	95.00	1,805
TYPE H - EXHAUST REGISTERS	59.00	EA	95.00	5,605
TYPE I - EXHAUST REGISTERS	19.00	EA	95.00	1,805
TYPE J - EXHAUST REGISTERS	13.00	EA	95.00	1,235
TYPE U - EXHAUST REGISTERS	22.00	EA	95.00	2,090
VV-2-02 - SINGLE DUCT VAV BOXES 210 CFM	1.00	EA	697.00	697
VV-2-06 - SINGLE DUCT VAV BOXES 170 CFM	1.00	EA	697.00	697
VV-2-01 - SINGLE DUCT VAV BOXES 425 CFM	1.00	EA	792.00	792
VV-2-03 - SINGLE DUCT VAV BOXES 350 CFM	1.00	EA	958.00	958
VV-2-04 - SINGLE DUCT VAV BOXES 300 CFM	1.00	EA	958.00	958
VV-2-05 - SINGLE DUCT VAV BOXES 860 CFM	1.00	EA	1,304.00	1,304
VV-2-07 - SINGLE DUCT VAV BOXES 1705 CFM	1.00	EA	1,440.00	1,440
VV-2-08 - SINGLE DUCT VAV BOXES 885 CFM	1.00	EA	958.00	958
VV-2-09 - SINGLE DUCT VAV BOXES 440 CFM	1.00	EA	958.00	958
** Total Air Distribution Devices				32,527
Exhaust/Return Fans				
EF-1 GENERAL EXHAUST FANS	570.00	CFM	1.00	570
** Total Exhaust/Return Fans				570
AHU DX Systems/ Mini-Split				
AHU-1 - DX COOLING GAS HTG. - INCL ENTHALPY WHEEL	6,200.00	CFM	9.50	58,900
AHU-2 - DX COOLING GAS HTG. - INCL ENTHALPY WHEEL	4,400.00	CFM	9.50	41,800
AHU-3 - DX COOLING GAS HTG. - INCL ENTHALPY WHEEL	3,070.00	CFM	9.50	29,165

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
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Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
AHU-4 - DX COOLING GAS HTG. - INCL ENTHALPY WHEEL	2,820.00	CFM	9.50	26,790
AHU-5 - DX COOLING GAS HTG. - INCL ENTHALPY WHEEL	1,285.00	CFM	9.50	12,208
DX COOLING GAS HTG. RTU 4 - INCL ENTHALPY WHEEL	6,450.00	CFM	9.50	61,275
DX COOLING GAS HTG. RTU 5 - INCL ENTHALPY WHEEL	5,625.00	CFM	9.50	53,438
DX COOLING GAS HTG. RTU 6 - INCL ENTHALPY WHEEL	4,300.00	CFM	9.50	40,850
DX COOLING GAS HTG. RTU 7 - INCL ENTHALPY WHEEL	5,420.00	CFM	9.50	51,490
RIGGING	4.00	EA	1,500.00	6,000
** Total AHU DX Systems/ Mini-Split				381,915
Condenser Air Cooled				
CU-2-1 - CONDENSER AIR COOLED	1.00	EA	10,844.00	10,844
** Total Condenser Air Cooled				10,844
Fan Coil Units				
FCU-2-1 - FAN AND COIL UNITS - WALL MOUNTED	1.00	EA	2,840.00	2,840
** Total Fan Coil Units				2,840
* Total 23.01 - HVAC				1,019,645
26.01 - ELECTRICAL				
Site Electrical Ductbank				
SITE DUCT BANK - ELECTRICAL	247.00	LF	115.00	28,405
SITE DUCT BANK - TELECOM	247.00	LF	68.00	16,796
SITE DUCT BANK CONCRETE	95.00	CY	80.00	7,600
SITE DUCT BANK CONCRETE - TELECOM	82.00	CY	80.00	6,560
SITE ELECTRICAL MANHOLE	2.00	EA	7,800.00	15,600
SITE ELECTRICAL HAND HOLES - TELECOM	4.00	EA	3,500.00	14,000
HAUL OFF DUCT BANK SPOILS	177.00	TCY	10.00	1,770
** Total Site Electrical Ductbank				90,731
Light Poles & Standards				
S1 - SITE LIGHT POLE FIXTURES	7.00	EA	5,500.00	38,500
** Total Light Poles & Standards				38,500
Building Electrical				
TELE/DATA CONDUIT & BACK BOXES	16,037.00	SF	0.35	5,613
AUDIO VISUAL CONDUIT & BACK BOXES	16,037.00	SF	0.15	2,406
SECURITY CONDUIT & BACK BOXES	16,037.00	SF	0.25	4,009
** Total Building Electrical				12,028
Secondary Feeders				
SECONDARY FEEDERS	16,037.00	SF	1.25	20,046
** Total Secondary Feeders				20,046
Distribution Panels and Panelboards				
DISTRIBUTION PANELS	16,037.00	SF	0.50	8,019
** Total Distribution Panels and Panelboards				8,019
Branch Circuiting				
120V DUPLEX OUTLET	83.00	EA	154.22	12,800
120V GFI DUPLEX OUTLET	13.00	EA	158.01	2,054
120V WP GFI DUPLEX OUTLET	16.00	EA	158.01	2,528
SWITCHES	56.00	EA	175.78	9,844
WALL MOUNTED OCC. SENSORS	56.00	EA	217.73	12,193
J.B.W/25' CONDUIT & WIRE	640.00	EA	115.00	73,600
** Total Branch Circuiting				113,019
Building Light Fixtures				
TYPE LA - 1X4 LED RECESSED	179.00	EA	350.10	62,668
TYPE LA - 1X4 LED RECESSED - ELIMINATED AT 100 DD		EA	508.50	

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

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Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
ADJUSTMENT	1.00	EA	158,000.00	158,000
TYPE LB - 2X4 LED RECESSED	83.00	EA	433.80	36,005
TYPE LB - 2X4 LED RECESSED - ELIMINATED AT 100 DD		EA	610.20	
TYPE LD - 10" DIA DOWNLIGHT	56.00	EA	336.60	18,850
ENTRANCE LOBBY LIGHTING - ELIMATED AT 100 DD	1.00	EA		
TYPE XA - EXIT LIGHT	12.00	EA	202.50	2,430
TYPE XA - EXIT LIGHT - ASSUMED	2.00	EA	202.50	405
EXTERIOR LIGHTING 4' LED STRIP - ASSUMPTION	22.00	EA	298.04	6,557
EXTERIOR WALL HUNG LIGHT - ASSUMPTION	11.00	EA	405.00	4,455
** Total Building Light Fixtures				289,370
Lighting Controls				
LIGHTING & CONTROLS	2.00	FLOOR	5,000.00	10,000
** Total Lighting Controls				10,000
Lightning Protection				
LIGHTNING PROTECTION	8,778.00	SF	0.50	4,389
** Total Lightning Protection				4,389
HVAC Connections				
HVAC CONNECTIONS	1.00	LS	5,500.00	5,500
HVAC CONNECTIONS	1.00	LS	15,000.00	15,000
** Total HVAC Connections				20,500
Equipment Connections				
POWER TO PUMPS	5.00	EA	272.00	1,360
200 AMP CONNECTION - POWER TO WASHER AND DRYERS	8.00	EA	384.00	3,072
POWER TO ELEVATOR	1.00	EA	1,074.00	1,074
** Total Equipment Connections				5,506
Transformers				
TRANSFORMERS	16,037.00	SF	0.50	8,019
** Total Transformers				8,019
Generators				
150 KW 277/480 DIESEL ENGINE - ELIMINATED AT 75 DD		EA	60,000.00	
FUEL STORAGE TANK, 250 GALLONS - ELIMINATED AT 75 DD		EA	13,000.00	
FUEL - EMERGENCY GENERATOR - ELIMINATED AT 75 DD		GAL	2.15	
** Total Generators				
Fire Alarm				
FIRE ALARM CONDUIT & BACK BOXES	16,037.00	SF	0.50	8,019
** Total Fire Alarm				8,019
Other Electrical				
FIRECAULKING	16,037.00	SF	0.08	1,283
** Total Other Electrical				1,283
Electrical Scope Items				
TEMP. ELECTRICAL	16,037.00	SF	0.08	1,283
** Total Electrical Scope Items				1,283
* Total 26.01 - ELECTRICAL				630,710

26.03 - FIRE ALARM

Fire Alarm

FIRE ALARM SYSTEM	16,037.00	SF
FIRE ALARM SYSTEM MINOR RENOVATION	12,617.00	SF

**** Total Fire Alarm**

*** Total 26.03 - FIRE ALARM**

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

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Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
27.01 - TELECOM/DATA				
Equipment				
TYPICAL TR/IDF BUILDOUT (INCL. 4 RACKS, LADDER RACKS, CABLE MANAGEMENT, POWER STRIPS, BONDING STRAPS)	1.00	EA		
12 PORT PATCH PANEL	1.00	EA		
** Total Equipment				
Horizontal Cabling/Distribution				
DATA OUTLET - 1 DATA DROP (INCL. CABLING, CONNECTORS, FACE PLATE, TESTING)	35.00	EA.		
CAT 6A PLENUM CABLE 25' PER DROP	875.00	LF		
** Total Horizontal Cabling/Distribution				
* Total 27.01 - TELECOM/DATA				
28.01 - SECURITY				
Access Control				
CARD READERS AT EXTERIOR DOORS ONLY	20.00	EA		
** Total Access Control				
Other Access Control				
HEADEND - (PER DOOR INCLUDES CONTROL PANEL, LOCK POWER SUPPLY)	20.00	EA		
** Total Other Access Control				
Electronic Surveillance				
CAMERA DOMES - ELIMINATED AT 75% DD	EA		350.00	
CAMERA ENCLOSURES - ELIMINATED AT 75% DD	EA		400.00	
WIRE & CABLE FOR VIDEO SURVEILLANCE (500 LF SIGNAL AND LV POWER) - ELIMINATED AT 75% DD	EA		520.00	
** Total Electronic Surveillance				
* Total 28.01 - SECURITY				
31.01 - EARTHWORK				
Miscellaneous Exterior Removals				
SALVAGE/RELOCATE SIGN LIGHTING - RE: ALLOWANCE	4.00	EA		
SALVAGE/RELOCATE MASONRY BUILDING SIGN - RE: ALLOWANCE	1.00	EA		
REMOVE BOLLARDS - MACHINE REMOVAL (NO CUTTING)	4.00	EA	15.68	63
** Total Miscellaneous Exterior Removals				
Structural Demolition - Building				
OUT BUILDING DEMOLITION	166.00	SF	20.00	3,320
** Total Structural Demolition - Building				
Paving Demo				
REMOVE CONCRETE CURBS	626.00	LF	3.97	2,482
REMOVE CONCRETE SIDEWALK	596.00	SF	3.63	2,166
REMOVE GRAVEL	8,400.00	SF	0.58	4,893
REMOVE ASPHALT PAVING	8,715.00	SF	0.56	4,894
SAWCUT PAVING	117.00	LF	7.65	895
DUMP TRUCK FOR HAUL OFF PER TCY - 12 YARD TRUCK	640.00	TCY	8.74	5,593
** Total Paving Demo				
Clearing				
REMOVE TREES	7.00	EA	569.33	3,985
HAUL TREES OFF	3.00	LOAD	710.00	2,130
** Total Clearing				
Stripping				

WILCO Regional Animal Shelter - GMP

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Type: GMP

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Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
STRIP 6" TOPSOIL	2,175.00	TCY	2.33	5,062
HAUL OFF STRIPPING MATERIALS	2,175.00	TCY	12.75	27,730
** Total Stripping				32,792
Building Mass Excavation				
EXPORT MATERIALS - BUILDING PAD SPOILS	5,308.00	TCY	6.80	36,093
MASS EXCAVATION - BUILDING PAD (8' SELECT FILL)	5,308.00	TCY	2.22	11,759
STRUCTURAL FILL - BUILDING PAD (8' SELECT FILL)	4,726.00	TCY	2.19	10,339
IMPORT MATERIALS - SELECT FILL	4,726.00	TCY	7.65	36,153
** Total Building Mass Excavation				94,345
Paving Cut/Fill				
IMPORT MATERIALS - SELECT FILL	1,157.00	TCY	7.65	8,851
CUT FOR PAVING - GRADE FOR SUBGRADE	102.00	TCY	17.37	1,772
FILL FOR PAVING - GRADE FOR SUBGRADE	1,259.00	TCY	4.11	5,170
** Total Paving Cut/Fill				15,793
Sidewalk Cut/Fill				
IMPORT MATERIALS - 4' SELECT FILL SUBGRADE	710.00	TCY	7.65	5,431
EXPORT MATERIALS - 4' SELECT FILL SUBGRADE	710.00	TCY	5.31	3,772
CUT FOR SIDEWALK - 4' SELECT FILL SUBGRADE	710.00	TCY	4.24	3,012
FILL FOR SIDEWALK - 4' SELECT FILL SUBGRADE	710.00	TCY	4.24	3,012
** Total Sidewalk Cut/Fill				15,227
Landscape Cut/Fill				
EXPORT MATERIALS - SITE	2,258.00	TCY	6.80	15,354
CUT FOR LANDSCAPE	3,664.00	TCY	0.96	3,516
FILL FOR LANDSCAPE	1,458.00	TCY	2.41	3,516
** Total Landscape Cut/Fill				22,386
Base Materials				
PLACE LIMESTONE BASE - 12" THICK SUBGRADE AT ASPHALT	1,600.00	TON	5.82	9,309
BLUE TOP / CUT TO GRADE	23,500.00	SF	0.08	1,919
PURCHASE LIMESTONE BASE	1,600.00	TON	12.75	20,400
** Total Base Materials				31,628
Lime Stabilization				
STABILIZE SUBGRADE - PAVING	2,612.00	SYD	3.64	9,497
BLUE TOP / CUT TO GRADE	23,500.00	SF	0.08	1,919
PURCHASE LIME	60.00	TON	174.77	10,486
FUEL FOR STABILIZATION	1.00	WK	1,638.47	1,638
CALCULATION - 36 LBS PER SY	1.00	SCOPE		
** Total Lime Stabilization				23,541
Footing Excavations				
EXCAVATE - RETAINING WALL 4' SELECT FILL SUBGRADE	1,182.00	TCY	2.66	3,145
EXPORT MATERIAL - RETAINING WALL 4' SELECT FILL SUBGRADE	1,182.00	TCY	6.80	8,038
** Total Footing Excavations				11,183
Backfill for Building Elements				
STRUCTURAL FILL - RETAINING WALL 4' SELECT FILL SUBGRADE	500.00	TCY	7.88	3,938
IMPORT SELECT FILL - RETAINING WALL 4' SELECT FILL SUBGRADE	500.00	TCY	10.20	5,100
** Total Backfill for Building Elements				9,038
Asphalt Paving				
ASPHALT PAVING - 2" TYPE D	19,000.00	SF	1.55	29,450
ASPHALT PAVING - 2" TYPE D - PATCH	3,700.00	SF	5.00	18,500

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
** Total Asphalt Paving				47,950
* Total 31.01 - EARTHWORK				334,303
31.04 - SWPPP				
Design & Implementation				
NARRATIVE PLAN & COMPLIANCE STARTUP	1.00	EA	1,200.00	1,200
** Total Design & Implementation				1,200
Construction Entrances				
CONSTRUCTION ENTRANCES	1.00	EA	1,200.00	1,200
** Total Construction Entrances				1,200
Concrete Washout				
CONCRETE WASH OUT AREA	1.00	EA	1,500.00	1,500
** Total Concrete Washout				1,500
Silt Fencing				
SILT FENCING - REINFORCED	1,400.00	LF	1.95	2,730
** Total Silt Fencing				2,730
Inlet Protection				
INLET PROTECTION BARRIERS	8.00	EA	163.77	1,310
** Total Inlet Protection				1,310
Other SWPPP Requirements				
SWPPP INSPECTIONS	14.00	MO	550.00	7,700
REMOVE SWPPP	1.00	DAY	589.88	590
REMOVE CONSTRUCTION ENTRANCES	1.00	EA	1,154.23	1,154
** Total Other SWPPP Requirements				9,444
* Total 31.04 - SWPPP				17,384
31.05 - SOIL TREATMENT				
Termite Treatment				
TERMITE TREATMENT	8,020.00	SF	0.12	962
** Total Termite Treatment				962
* Total 31.05 - SOIL TREATMENT				962
32.07 - FENCES & GATES				
Chain Link Fences				
FENCE POST SLEEVES AT RETAINING WALL (A.3-5.40)	35.00	EA	65.00	2,275
** Total Chain Link Fences				2,275
Vinyl Coated Chain Link Fencing				
VINYL COATED CHAIN LINK FENCE 8 GA FINISH - 5'-6" TALL @ RETAINING WALL	336.00	LF	25.00	8,400
DECORATIVE METAL GATE (TO CLOSELY MATCH EXISTING) - 25' V-TRACK OPERABLE GATE (INCL: SLIDE GATE OPERATOR, KEYPAD WITH POST, EXIT LOOP, 2 SAFETY LOOPS, KNOX BOX)	1.00	EA	35,000.00	35,000
VINYL COATED CHAIN LINK FENCE 8 GA FINISH - 6' TALL AT EXERCISE YARDS	579.00	LF	35.00	20,265
VINYL COATED CHAIN LINK FENCE 9 GA FINISH - 6' TALL AT EXERCISE YARDS	129.00	LF	45.00	5,805
VINYL CHAIN LINK FENCE GATES - 3' WIDE	8.00	EA	400.00	3,200
** Total Vinyl Coated Chain Link Fencing				72,670
Ornamental Fencing				
TUBULAR PICKET FENCE - 6' TALL - ELIMINATED AT 75% DD		LF	57.00	
TUBULAR PICKET FENCE 12' OPERABLE GATE - ELIMINATED AT 75% DD		EA	1,550.00	
** Total Ornamental Fencing				
* Total 32.07 - FENCES & GATES				74,945

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
32.11 - SITE FURNISHINGS				
Benches				
TYPE 1 - ALUMINUM BENCH - FACTORY PAINTED	2.00	EA		
INSTALL BENCHES	2.00	EA		
** Total Benches				
Litter Receptacles				
TRASH RECEPTACLE 35 GALLON - WITH SIDE OPENING DOOR - POWDER COATED ALUMINUM	6.00	EA		
** Total Litter Receptacles				
Bicycle Racks				
BICYCLE RACK - 5'	4.00	EA		
INSTALL BICYCLE RACK - 5'	4.00	EA		
** Total Bicycle Racks				
* Total 32.11 - SITE FURNISHINGS				
32.13 - LANDSCAPE & IRRIGATION				
Site Plumbing Structures				
WELL WATER STORAGE TANK (FIBERGLASS) - 10000 GAL - ABOVE GROUND	1.00	EA	22,000.00	22,000
** Total Site Plumbing Structures				
Brick Unit Pavers				
CONCRETE PAVERS ON SAND BED RE: L1.1	136.00	SF	7.00	952
1 INCH - STABILIZED SAND BED	136.00	SF	2.00	272
** Total Brick Unit Pavers				
Benches				
TYPE 2 - LIMESTONE BLOCK BENCH	6.00	EA	270.00	1,620
** Total Benches				
Irrigation Systems				
TEMP IRRIGATION SYSTEM	21,415.00	SF	0.35	7,495
IRRIGATION SLEEVES	218.00	LF	7.50	1,635
CONNECT TO MAIN	2.00	EA	500.00	1,000
IRRIGATION MAIN LINE - PVC 200 CLASS PIPE - 4"	790.00	LF	20.00	15,800
IRRIGATION METER - 2"	1.00	EA	1,800.00	1,800
SPRAY HEADS @ TURF AREAS	4,511.00	SF	1.05	4,737
DRIP @ PLANTING BEDS	9,642.00	SF	0.85	8,196
CAP EXISTING HEADS IN NEW GRAVEL	2,575.00	SF	0.75	1,931
SEPERATE VALVE FOR EXERCISE YARD	2.00	EA	2,500.00	5,000
HIGH HAZARD RPZ BACKFLOW PREVENTER	1.00	EA	5,500.00	5,500
** Total Irrigation Systems				
Trees				
COLUMNAR TREE - 3"-4" CALIPER - (65 GAL)	3.00	EA	575.00	1,725
SHADE TREE - 3"-4" CALIPER - (65 GAL)	12.00	EA	575.00	6,900
MEXICAN SYCAMORE & MONTEREY OAK				
SMALL EVERGREEN TREE - 3"-4" CALIPER	6.00	EA	500.00	3,000
WAX MYRTLE - 30 GALLON	6.00	EA	195.00	1,170
** Total Trees				
Plants & Shrubs				
LARGE OR MEDIUM SHRUB (RED YUCCA, BIG MUHLY, BAMBOO MUHLY, GULF MUHLY) - 5 GALLON	120.00	EA	18.00	2,160
SMALL SHRUB (HORSETAIL) - 1 GALLON	62.00	EA	18.00	1,116
PRIDE OF BARBADOS - 15 GALLON	1.00	EA	125.00	125
UPRIGHT YOUNG HOLLY - 30 GALLON	3.00	EA	108.00	324
** Total Plants & Shrubs				

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
Ground Cover				
FIG VINE - 1 GAL	37.00	EA	12.00	444
CROSSVINE - 3 GAL	63.00	EA	27.50	1,733
CAST IRON PLANT	5.00	EA	22.00	110
** Total Ground Cover				2,287
Lawns & Grasses				
NATIVE GRASS + WILD FLOWERS SOD (HYBRID BERMUDA) (APPROX 2400 SY)	23,184.00	SF	0.15	3,478
** Total Lawns & Grasses				3,478
Plant Preparation				
MULCH	97.00	CY	40.00	3,880
IMPORTED TOPSOIL FOR SOD TO 4"	288.00	TCY	33.08	9,528
IMPORTED TOPSOIL FOR BEDS TO 12"	80.00	TCY	43.59	3,487
LABOR TO TILL AND PREP BEDS	4,620.00	SF	0.50	2,314
WEED BARRIER @ PLANTING BEDS	4,620.00	SF	0.25	1,155
** Total Plant Preparation				20,365
Plant Accessories				
ROOT & MOISTURE BARRIER @ BEDS W/IN 15 LF OF FOUNDATION	170.00	LF	7.50	1,275
EDGING - RECYCLED POLYVINYL BOARD	1,076.00	LF	2.50	2,690
BULLROCK GRAVEL - 1" - 3"	136.00	CYD	98.00	13,328
DG GRAVEL AT DOG YARDS (13,685 SF)	240.00	CYD	33.00	7,920
TREE STAKING	27.00	EA	30.00	810
FLAGSTONE ON GRAVEL - REMOVED @ 50% CD		SF	14.00	
LIMESTONE BOULDERS - VARIOUS SIZES	37.00	EA	88.00	3,256
** Total Plant Accessories				29,279
Landscape Restoration				
REPAIR IRRIGATION SYSTEMS	1.00	LS	7,500.00	7,500
RESTORE SOD	6,333.00	SF	0.95	6,016
** Total Landscape Restoration				13,516
Landscaping Scope Items				
LANDSCAPE MAINTENANCE	12.00	MO	750.00	9,000
RESERVE FOR LIMESTONE FEATURES AT RETAINING WALL - NOW SHOWN AS BLOCK BENCH AND BOULDERS		LS	25,000.00	
** Total Landscaping Scope Items				9,000
* Total 32.13 - LANDSCAPE & IRRIGATION				172,382
32.14 - STRIPING & SIGNS				
Handicap Signs				
HC SIGNS WITH POSTS	2.00	EA	350.00	700
** Total Handicap Signs				700
Cleaning for Striping				
PRESSURE WASH PARKING LOT	18,969.00	SF	0.15	2,845
** Total Cleaning for Striping				2,845
Striping				
PARKING LOT STRIPING - NEW	610.00	LF	0.40	244
PARKING LOT STRIPING - FIRE LANE	361.00	LF	0.32	116
CURB PAINTING	430.00	LF	0.50	215
CURB PAINTING - FIRE LANE	677.00	LF	0.50	338
SPACES	36.00	EA		
HATCHINGS (311 SF)	2.00	EA	30.00	60
** Total Striping				973
Emblems				
HANDICAP EMBLEMS - NEW	2.00	EA	75.00	150
ARROWS - PAINTED	5.00	EA	15.00	75
** Total Emblems				225

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	TotalCost
Wheel Stops				
WHEEL STOPS	4.00	EA	70.00	280
** Total Wheel Stops				280
* Total 32.14 - STRIPING & SIGNS				5,023
33.01 - SITE UTILITIES				
Site Plumbing Structures				
HT-1 - HAIR TRAP	1.00	EA	12,500.00	12,500
** Total Site Plumbing Structures				12,500
Water Utility Demo				
REMOVE WATER LINE WITHIN BUILDING FOOTPRINT FOR REROUTING	188.00	LF	15.50	2,914
** Total Water Utility Demo				2,914
Storm Demo				
REMOVE PIPE - RCP STORM DRAIN 18"	236.00	LF	19.07	4,500
REMOVE STORM INLETS	2.00	EA	500.00	1,000
ADJUST 48" MANHOLE RIM TO NEW GRADING	1.00	EA	1,760.94	1,761
CAP/PLUG EXISTING LINES	1.00	EA	281.75	282
ADJUST EXISTING LINES	7.00	EA	200.00	1,400
** Total Storm Demo				8,943
Water Piping				
PVC SCH 40 PIPE - 2" - RELOCATED WATER LINE	348.00	LF	16.06	5,589
PVC SCH 40 TEE - 2" - RELOCATED WATER LINE	2.00	EA	16.07	32
PVC SCH 40 BEND - 2" - RELOCATED WATER LINE	2.00	EA	7.42	15
INSTALL RELOCATED WATER LINE PIPE	348.00	LF	16.00	5,568
BANK SAND	41.00	TCY	14.09	578
GRAVEL FILL	28.00	TON	35.00	980
BACKFILL - RELOCATED WATER LINE	59.00	TCY	44.05	2,599
TOPSOIL FROM STOCKPILED MATERIAL - RELOCATED WATER LINE	7.00	TCY	71.91	503
PVC SCH 40 PIPE - 3"	284.00	LF	17.00	4,828
PVC SCH 40 BEND - 3"	4.00	EA	14.03	56
BORING - 4" @ RELOCATED WATER LINE	30.00	LF	180.00	5,400
INSTALL WATER LINE PIPE	284.00	LF	12.00	3,408
THRUST BLOCKS	1.00	CY	120.00	120
BACKFILL	65.00	TCY	20.00	1,300
TOPSOIL FROM STOCKPILED MATERIAL	7.00	TCY	71.91	503
** Total Water Piping				31,479
Fire Line Piping				
FIRE LINE - 4" @ REMOTE FDC	217.00	LF	22.00	4,774
FIRE LINE - 4" @ CONX TO BLDG	55.00	LF	22.00	1,210
FIRE LINE C900 PVC - 8"	445.00	LF	40.00	17,800
INSTALL 4" FIRE LINE PIPE @ REMOTE FDC	217.00	LF	20.00	4,340
INSTALL 8" FIRE LINE PIPE	445.00	LF	20.00	8,900
INSTALL 4" FIRE LINE PIPE @ CONX TO BLDG	55.00	LF	20.00	1,100
FITTING - 4" @ REMOTE FDC	4.00	EA	80.00	320
FITTING - 4" @ CONX TO BLDG	1.00	EA	80.00	80
FITTING C900 PVC - 8"	6.00	EA	150.00	900
THRUST BLOCKS & 2'x2'x6" CONCRETE SLAB BELOW HYDRANT	2.00	CY	120.00	240
24" x 24" x 8" CONCRETE VALVE BOX	4.00	EA	150.00	600
BANK SAND	108.00	TCY	14.09	1,521
GRAVEL FILL	15.00	TON	35.00	525
** Total Fire Line Piping				42,310
Fire Line Distribution Equipment				
FIRE HYDRANT	1.00	EA	4,800.00	4,800
REMOTE FDC CONNECTION	1.00	EA	1,000.00	1,000

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX
Project Size: 0 sqft
Type: GMP

Est Date: 11/15/2017
Estimator: Vaughn Team

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
GATE VALVE & BOX - 6"	1.00	EA	775.00	775
GATE VALVE & BOX - 8"	2.00	EA	1,212.00	2,424
REDUCER - 8" x 6"	1.00	EA	1,398.00	1,398
TEE - 8" x 4" (RESTRAINED) @ 4" CONX TO BLDG	1.00	EA	1,398.00	1,398
EXPANSION FITTING - 6" x 8"	1.00	EA	1,398.00	1,398
TAPPING SLEEVE - 12" x 8"	1.00	EA	1,801.00	1,801
REDUCED PRESSURE BACKFLOW PREVENTER IN VAULT - 6"	1.00	EA	8,500.00	8,500
** Total Fire Line Distribution Equipment				23,494
Sanitary Piping				
PVC SDR 26 - 4"	136.00	LF	25.00	3,400
PVC SDR 26 BEND - 4"	2.00	EA	58.34	117
INSTALL SANTARY PIPE	136.00	LF	50.00	6,800
CEMENT STABILIZED BACKFILL	170.00	TONS	15.00	2,550
TOPSOIL FROM STOCKPILED MATERIAL	10.00	TCY	71.91	719
GRAVEL BACKFILL	20.00	TON	35.00	700
** Total Sanitary Piping				14,286
Sanitary Structures				
TIE INTO EXISTING MANHOLE (4" PIPE)	1.00	EA	281.75	282
** Total Sanitary Structures				282
Storm Drainage Piping				
HDPE - 10" @ CONX TO RAISED PLANTERS	65.00	LF	4.80	312
HDPE - 18"	510.00	LF	12.90	6,579
HDPE - 30" - REPLACES 18" RCP	236.00	LF	31.40	7,410
HDPE BEND - 10" @ CONX TO RAISED PLANTERS	10.00	EA	200.00	2,000
HDPE BEND - 18"	4.00	EA	96.33	385
RCP - 30" - REPLACES 18"		LF	78.00	
INSTALL STORM PIPE < 24"	536.00	LF	18.00	9,648
INSTALL STORM PIPE < 24" @ CONX TO RAISED PLANTERS	65.00	LF	5.90	383
INSTALL STORM PIPE 24" - 42"	236.00	LF	55.00	12,980
TOPSOIL FROM STOCKPILED MATERIAL - RELOCATED WATER LINE	69.00	TCY	24.28	1,675
CEMENT STABILIZED BACKFILL	570.00	TONS	15.00	8,550
GRAVEL BACKFILL	35.00	TON	35.00	1,225
1" PLATE FOR ROAD CROSSING - 8'x20' RENTAL	8.00	WK	266.87	2,135
** Total Storm Drainage Piping				53,283
Storm Inlets and Manholes				
MANHOLE - 4' PRECAST 6' DEEP	1.00	EA	1,267.88	1,268
CATCH BASIN - 24" x 24"	7.00	EA	750.00	5,250
STUB UPS TO LANDSCAPE DRAINS	1.00	LS	5,000.00	5,000
AREA RAISED PLANTER DRAIN @ CONX TO RAISED PLANTERS	5.00	EA	500.00	2,500
CURB INLET - PRECAST 4' DEEP	1.00	EA	1,500.00	1,500
TIE INTO EXISTING MANHOLE	1.00	EA	4,570.95	4,571
ADJUST EXISTING MANHOLE/INLET	1.00	EA	1,250.00	1,250
** Total Storm Inlets and Manholes				21,339
Subdrainage System				
4" PERFORATED SDR 26 PVC PIPING - SUBGRADE DRAINAGE AT RETAINING WALL	390.00	LF	6.45	2,515
STORM DRAIN CONNECTIONS TO SUBDRAINAGE SYSTEM EVERY 25 FEET	16.00	EA	176.81	2,829
FILTER FABRIC AROUND PIPING AT RETAINING WALL	390.00	LF	1.48	578
GRAVEL AROUND SUBDRAINAGE PIPING AT RETAINING WALL	39.00	TON	43.56	1,699
** Total Subdrainage System				7,622
Miscellaneous Utilities				
HAUL STORM SPOILS	577.00	TCY	10.41	6,008
HAUL SANITARY SPOILS	37.00	TCY	15.98	591

WILCO Regional Animal Shelter - GMP

Loc: Georgetown, TX

Est Date: 11/15/2017

Project Size: 0 sqft

Estimator: Vaughn Team

Type: GMP

Cost of Work Summary

Description	Quantity	UM	Unit Cost	Total Cost
HAUL WATER SPOILS	46.00	TCY	14.23	655
HAUL FIRE SPOILS	113.00	TCY	15.72	1,776
HAUL RELOCATED WATER LINE SPOILS	49.00	TCY	10.39	509
UTILITY LINES TESTING	1.00	LS		
HYDROEXCAVATION AT CRITICAL CROSSINGS WITH EXISTING UTILITIES	1.00	LS		
** Total Miscellaneous Utilities				9,539
* Total 33.01 - SITE UTILITIES				227,990
Total Gross Cost				7,602,723

Tab #7

Classic WBS Layout

Williamson County Regional Animal Shelter Renovation Addition

Activity ID	Activity Name	Original Duration	Start	Finish	2018												2019											
					D	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
A1	Job site trailer	5	03-Jan-18	09-Jan-18																								
A1	Temp fence	3	09-Jan-18	11-Jan-18																								
A1	Cut and fill	22	12-Jan-18	12-Feb-18																								
A1	Underground utilities	15	26-Jan-18	15-Feb-18																								
A1	Demo of existing paving and curbs	5	13-Feb-18	19-Feb-18																								
A1	Building pad excavation	5	13-Feb-18	19-Feb-18																								
A1	Building pad fill	5	20-Feb-18	26-Feb-18																								
A1	Paving Prep	10	20-Feb-18	05-Mar-18																								
A1	Under Slab Plumbing rough-in	8	27-Feb-18	08-Mar-18																								
A1	Pier Drilling - Qty 23	5	27-Feb-18	05-Mar-18																								
A1	Site work phase #1	20	06-Mar-18	02-Apr-18																								
A2	Site Concrete	20	06-Mar-18	02-Apr-18																								
A2	Rough In Irrigation	5	06-Mar-18	12-Mar-18																								
A1	Underground Plumbing Test and Inspection	2	09-Mar-18	12-Mar-18																								
A1	Backfill Underground Plumbing	2	13-Mar-18	14-Mar-18																								
A1	FRP elevator pit	3	15-Mar-18	19-Mar-18																								
A1	FRP Building slab	16	20-Mar-18	10-Apr-18																								
A1	Steel erection (including shear studs)	20	11-Apr-18	08-May-18																								
A1	Place 2nd floor deck	5	09-May-18	15-May-18																								
A1	Roof Decking	5	16-May-18	22-May-18																								
A1	Roof Install	10	23-May-18	06-Jun-18																								
A1	Exterior framing	15	07-Jun-18	27-Jun-18																								
A1	Rough-in fire sprinkler	14	07-Jun-18	26-Jun-18																								
A1	Exterior sheathing	8	28-Jun-18	10-Jul-18																								
A2	OH MEP Rough-in	5	28-Jun-18	05-Jul-18																								
A1	Exterior water proofing	6	11-Jul-18	18-Jul-18																								
A1	Dry-in of building	1	19-Jul-18	19-Jul-18																								
A1	CMU Interior Walls	30	19-Jul-18	29-Aug-18																								
A1	Interior framing	15	20-Jul-18	09-Aug-18																								
A1	Electrical rough-in	10	20-Jul-18	02-Aug-18																								
A1	mechanical rough-in	10	10-Aug-18	23-Aug-18																								
A1	One side Walls	3	10-Aug-18	14-Aug-18																								
A2	In-Wal MEP	5	15-Aug-18	21-Aug-18																								
A1	Insulation, Fire proofing, Blocking	5	22-Aug-18	28-Aug-18																								
A1	Inwall Inspection amd corrections	5	29-Aug-18	05-Sep-18																								
A1	CMU Exterior Walls	20	30-Aug-18	27-Sep-18																								
A1	Two Side Walls	5	06-Sep-18	12-Sep-18																								
A2	Tape, Float, Paint 1st Coat	9	13-Sep-18	25-Sep-18																								
A2	Frame Hard Ceilings	5	26-Sep-18	02-Oct-18																								
A2	Light Fixtures	5	03-Oct-18	09-Oct-18																								
A2	Trim out HVAC	3	10-Oct-18	12-Oct-18																								
A2	Fire Sprinkler Drops, Fire Alarm Trimout	5	15-Oct-18	19-Oct-18																								
A2	OH Inspections and Corrections	3	22-Oct-18	24-Oct-18																								
A2	Cover Hard Ceiling	7	25-Oct-18	02-Nov-18																								

Job site trailer

Temp fence

Cut and fill

Underground utilities

Demo of existing paving and curbs

Building pad excavation

Building pad fill

Paving Prep

Under Slab Plumbing rough-in

Pier Drilling - Qty 23

Site work phase #1

Site Concrete

Rough In Irrigation

Underground Plumbing Test and Inspection

Backfill Underground Plumbing

FRP elevator pit

FRP Building slab

Steel erection (including shear studs)

Place 2nd floor deck

Roof Decking

Roof Install

Exterior framing

Rough-in fire sprinkler

Exterior sheathing

OH MEP Rough-in

Exterior water proofing

Dry-in of building

CMU Interior Walls

Interior framing

Electrical rough-in

mechanical rough-in

One side Walls

In-Wal MEP

Insulation, Fire proofing, Blocking

Inwall Inspection amd corrections

CMU Exterior Walls

Two Side Walls

Tape, Float, Paint 1st Coat

Frame Hard Ceilings

Light Fixtures

Trim out HVAC

Fire Sprinkler Drops, Fire Alarm Trimout

OH Inspections and Corrections

Cover Hard Ceiling

2018

2019

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Activity ID	Activity Name	Original Duration	Start	Finish	2018												2019																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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