

WILLIAMSON COUNTY

Justice Complex Improvements

GMP-02

Project Number: P476

October 7, 2024



Vaughn Project No. 3161-01 | Georgetown, Texas

VAUGHN

Phase: GMP-02

Date: October 7, 2024

Tab 1 Guaranteed Maximum Price Proposal

Tab 2 Executive Project Summary

Tab 3 Project Team

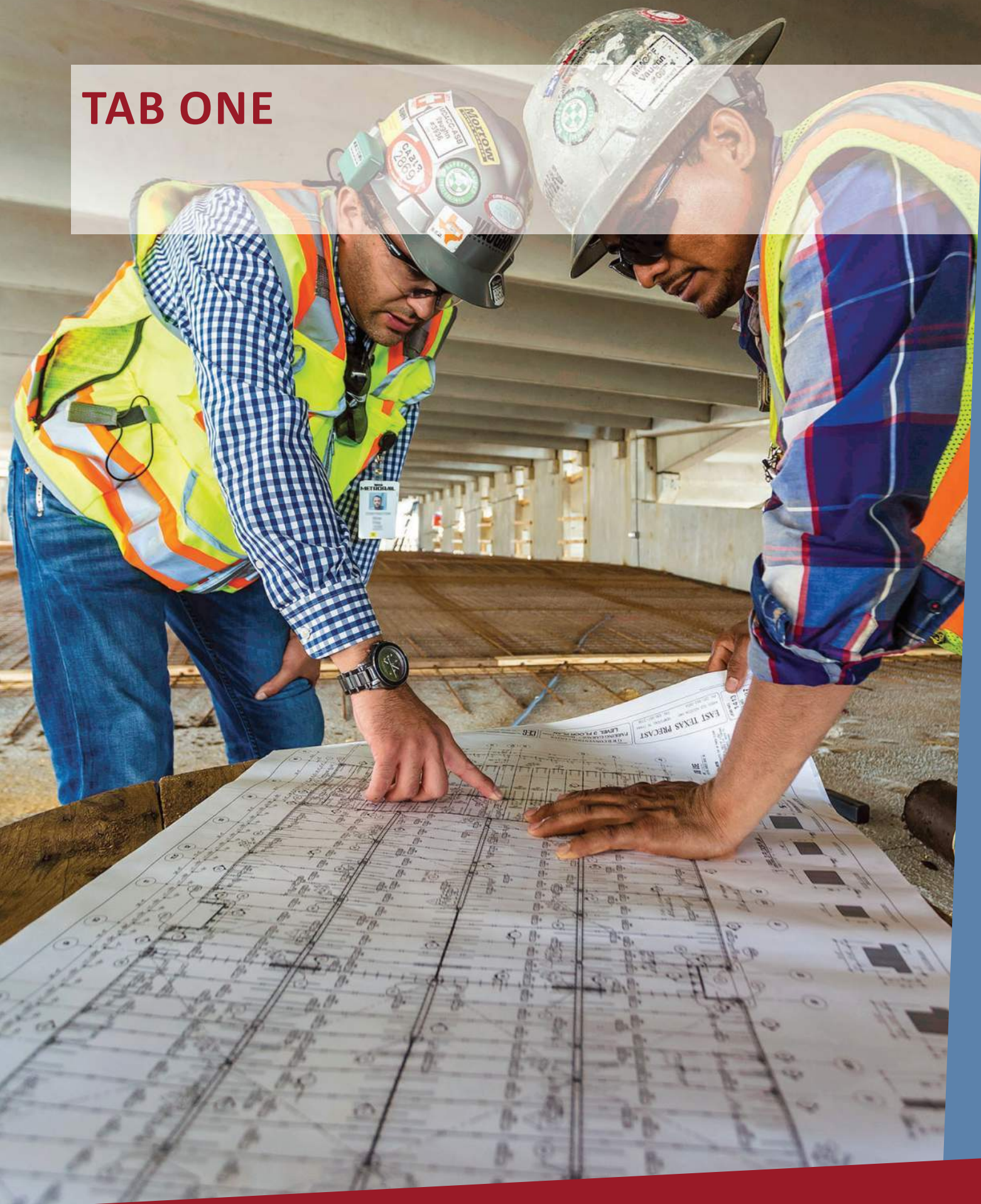
Tab 4 List of Documents

Tab 5 Qualifications and Value Engineering

Tab 6 GMP Proposal Breakdown

Tab 7 Project Schedule

TAB ONE



GUARANTEED MAXIMUM PRICE PROPOSAL
Justice Complex Improvements Project
Bid Package 02 – Security Upgrades & Gym Renovation

J.T. Vaughn Construction (“CMAR”) hereby submits to Williamson County, Texas (“County”) for the use and benefit County pursuant to the provisions of the Contract for Construction Manager-at-Risk Project Delivery dated May 9, 2024 (“Contract”), a Guaranteed Maximum Price (“GMP”) proposal for Bid Package 02 – Security Upgrades & Gym Renovation for the Justice Center Improvements (“Project”), based on the Contract Documents (as defined by the Contract) developed for the Project, as follows:

Cost of the Work.

A not-to-exceed amount for the Cost of the Work for Bid Package 02 – Security Upgrades & Gym Renovation pursuant to the Contract:

Two million five hundred eighty-five thousand six hundred fifty-three Dollars (\$2,585,653.00)

CMAR’s Fee.

A fixed sum fee for CMAR’s Fee for Bid Package 02 – Security Upgrades & Gym Renovation pursuant to the Contract:

Seven hundred forty-five thousand one hundred seventy-nine Dollars (\$745,179.00)

Total GMP.

The total sum of the above **Items 1 through 2**, as set forth below, is the GMP which the CMAR hereby guarantees to County for constructing Bid Package 02 – Security Upgrades & Gym Renovation complete, in place, and operational in accordance with the Contract Documents (All attached breakdowns shall total this GMP amount).

Three million three hundred thirty thousand eight hundred thirty-two Dollars (\$3,330,832.00)

CMAR hereby guarantees to County not to exceed the above referenced 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 such GMP to be exceeded shall be paid by CMAR without reimbursement by County.

Contract Time.

The date for achieving Substantial Completion of Bid Package 02 – Security Upgrades & Gym Renovation shall be **(292) Calendar Days** from the Notice to Proceed with such construction.

Withdrawal of GMP Proposal.

This GMP Proposal may not be withdrawn for a period of **ninety (30) calendar days** from the date of receipt by County.

Liquidated Damages.

CMAR further agrees to pay, as Liquidated Damages, to County the sum Seven Hundred Fifty Dollars (\$750) per calendar **day** for failure to complete the work for the Bid Package 02 – Security Upgrades & Gym Renovation within the Contract Time in accordance with the Contract.

Owner's Contingency.

A not-to-exceed amount for the Owner's Contingency stated herein for reference:

Zero Dollars (\$0)

CMAR and County have agreed to separately phase out various scopes of the construction services of Project and execute this Guaranteed Maximum Price Proposal as to only the Bid Package 02 – Security Upgrades & Gym Renovation phase of construction services so that such phase of construction can be commenced and completed on or before the Substantial Completion date set out in this Guaranteed Maximum Price Proposal. CMAR and County hereby acknowledge they will negotiate additional Guaranteed Maximum Price Proposals in order to include the remainder scope of construction services for the entire Project following execution of this Guaranteed Maximum Price Proposal. CMAR acknowledges and agrees that the remainder scope of construction for the Project shall not constitute changes in the Work and there should be no adjustment under Sections 5.1.2 or 5.1.3 of the Contract to increase CMAR's Fee percentage that is set forth under Section 5.1.1 of the Contract. Furthermore, the preconstruction phase compensation set forth under Section 4.1.1 of the Contract shall not be changed or modified due to any phasing of the construction services.

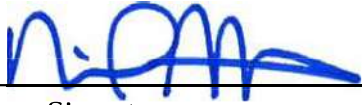
All terms and conditions of the Contract are hereby adopted and incorporated into this GMP Proposal. Any exceptions to, or modifications of, the terms and conditions of the Contract shall not be effective unless they are expressly stated and conspicuously identified in this GMP Proposal and are specifically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

BY SIGNING BELOW, CMAR and County have executed and bound themselves to this Guaranteed Maximum Price (GMP) Proposal for Bid Package 02 – Security Upgrades & Gym Renovation.

CMAR:

J.T. Vaughn Construction, LLC

By: _____



Signature

Danny Thompson

Printed Name

Chief Executive Officer

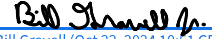
Title

Date Signed: October 10, 2024

COUNTY:

Williamson County, Texas

By: _____



Bill Gravell (Oct 22, 2024 10:51 CDT)

Signature

Bill Gravell

Printed Name

County Judge

Title

Date Signed: Oct 22, 2024 _____, 20____

TAB TWO



Williamson County Facilities
Department 3101 SE Inner Loop
Georgetown, TX 78626



6604 North Lamar Blvd
Austin, Texas 78752

Telephone:
(512) 318-1332

Facsimile:
(512) 681-9752

Attn: Tommy Crockett, Project Manager

Re: Contract No.: 0509-1008-07
Project No.: P476
Project Name: Justice Complex Improvements

Dear Mr. Crockett:

The Project consists of the modifications to the existing Justice Center, Sheriff's Office gym, and exterior improvements to both facilities. Construction in the Justice Center includes an upgraded control board for panic buttons and updates to panic buttons. It also includes overall building security improvements.

The Sheriff's Office gym renovation will undergo a comprehensive renovation that will include demolition of the existing space, under floor plumbing renovations, new locker room and shower facilities, flooring, paint, mechanical, plumbing, and electrical systems.

Exterior improvements will include demolition of an existing communications tower, construction of a new dumpster enclosure, modifying the parking area, and making connections to security gates.

Anticipated Notice to Proceed Date: October 26, 2024
Substantial Completion Date: August 11, 2025

Our proposed Guaranteed Maximum Price for GMP-02 is three million three hundred thirty thousand eight hundred thirty-two dollars (\$3,330,832).

The deadline on which the Guaranteed Maximum Price Proposal will automatically expire without further notice is November 4, 2024.

Very Truly Yours,

A handwritten signature in blue ink, appearing to read "DBoram", written over a light blue rectangular background.

Doug Boram
Vaughn Construction

TAB THREE



WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS**Project No. P476 / Vaughn Project No. 3161-01****PROJECT TEAM****CMR LIST OF STAFF / CONTACT INFORMATION**

Lead Project Manager		Roy Martinez (713) 984 – 4490 rmartinez@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752
Lead Superintendent		Kenny Casey (512) 639 - 5902 kcasey@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752
Project Manager		Doug Boram (512)-663-7461 dougboram@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752
Superintendent		Jason Luce (512) 568 - 7902 JLuce@vaughnconstruction.com 6604 North Lamar, Austin, TX, 78752
Project Engineer		Scott Edwards (737) 357 - 6576 sedwards@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752
Project Safety Coordinator		Bill Randall (979) 807 - 4421 brandall@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752
QC & CX Coordinator		Case Griffin (713) 984 - 4419 cgriffin@vaughnconstruction.com 6604 N. Lamar, Austin, TX 78752

TAB FOUR



WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

LISTING OF DOCUMENTS

VAUGHN

Phase: GMP-02

Date: October 7, 2024

GENERAL - Security Upgrades

G0.00	COVER	08.16.2024
G0.01	GENERAL NOTES, ABBREVIATIONS, SYMBOLS, INDEX, AND CODE SUMMAR	03.22.2024
G0.02	SHEET LIST	08.16.2024
G1.00	LIFE SAFETY PLAN - LEVEL 1 - JUSTICE CENTER	08.16.2024
G1.01	LIFE SAFETY PLAN - LEVEL 2 - JUSTICE CENTER	08.16.2024

CIVIL - Security Upgrades

C0.0	COVER SHEET	04.15.2024
C0.1	GENERAL NOTES	04.15.2024
C0.1	SURVEY	03.26.2024
C0.2	SURVEY	03.26.2024
C0.3	DEMOLITION PLAN	05.07.2024
C1.0	SITE PLAN	04.15.2024
C2.0	GRADING PLAN	05.07.2024
C2.1	GRADING PLAN INSETS	05.07.2024
C2.2	GRADING PLAN INSETS	03.26.2024
C5.0	CONSTRUCTION DETAILS	04.15.2024
C5.1	DUMPSTER DETAILS	04.15.2024
C5.2	CONSTRUCTION DETAILS 2	04.15.2024
C5.3	CONSTRUCTION DETAILS 3	04.15.2024
C6.0	SWPPP	04.15.2024
C6.1	SWPPP DETAILS	04.15.2024

SITE & DEMOLITION - Security Upgrades

AS1.01	SITE PLAN	05.07.2024
AS1.02	FLOOR PLAN - LEVEL 1 - JAIL	05.07.2024
AS1.03	ENLARGED SITE DETAILS	05.07.2024
AD2.01	DEMOLITION FLOOR PLAN - LEVEL 1 - JUSTICE CENTER	08.16.2024
AD2.02	DEMOLITION FLOOR PLAN - LEVEL 2 - JUSTICE CENTER	08.16.2024
AD3.00	ENLARGED DEMOLITION FLOOR PLAN - JUSTICE CENTER	08.16.2024

ARCHITECTURAL - Security Upgrades

A2.00	FLOOR PLAN - BASEMENT - JUSTICE CENTER	08.16.2024
A2.01	FLOOR PLAN - LEVEL 01 - JUSTICE CENTER	08.16.2024
A2.02	FLOOR PLAN - LEVEL 02 - JUSTICE CENTER	08.16.2024
A3.01	ENLARGED FLOOR PLAN - LEVEL 1 - JUSTICE CENTER	08.16.2024
A3.02	ENLARGED FLOOR PLAN - LEVEL 01 - JUSTICE CENTER	03.22.2024
A3.03	ENLARGED FLOOR PLAN - LEVEL 01 - JUSTICE CENTER	08.16.2024
A3.04	ENLARGED FLOOR PLAN - LEVEL 02 - JUSTICE CENTER	05.07.2024

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

VAUGHN

LISTING OF DOCUMENTS

A4.01	REFLECTED CEILING PLAN - LEVEL 1	08.16.2024
A9.00	INTERIOR ELEVATIONS	08.16.2024
A10.00	BAILIFF STATION & INFORMATION DESKS DETAILS	08.16.2024
A10.10	PARTITION TYPES	05.07.2024
A11.00	OPENING SCHEDULES, FINISH SCHEDULE & DOOR TYPES	08.16.2024

STRUCTURAL - Security Upgrades

S1.00	SECURITY FENCE NOTES & DETAILS	03.22.2024
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MECHANICAL - Security Upgrades

M0.00	MECHANICAL LEGEND INDEX AND NOTES	03.22.2024
M2.01	MECHANICAL DUCTWORK PLAN - AREA	08.16.2024
M5.01	MECHANICAL DETAILS	08.16.2024

ELECTRICAL - Security Upgrades

E0.00	ELECTRICAL LEGEND INDEX AND NOTES	05.07.2024
ED1.01	ELECTRICAL DEMOLITION POWER PLAN	08.16.2024
E1.01	ELECTRICAL SITE PLAN	04.15.2024
E2.01	ELECTRICAL POWER PLAN	08.16.2024

TECHNOLOGY - Security Upgrades

T0.00	SYMBOLS LEGEND	03.22.2024
TS1.01	SECURITY SITE PLAN	05.07.2024
TS1.02	FLOOR PLAN - LEVEL 1 - JAIL	05.07.2024
TS2.00	OVERALL FLOOR PLAN - BASEMENT	03.22.2024
TS2.01	OVERALL FLOOR PLAN - LEVEL 1	08.16.2024
TS2.02	OVERALL FLOOR PLAN - LEVEL 2	08.16.2024
TS3.01	ENLARGED PLANS - LEVEL BASEMENT	08.16.2024
TS3.02	ENLARGED PLANS - LEVEL 1	08.16.2024
TS3.03	ENLARGED PLANS - LEVEL 1	08.16.2024
TS3.04	ENLARGED PLANS - LEVEL 1	08.16.2024
TS3.05	ENLARGED PLANS - LEVEL 2	08.16.2024
TS3.06	ENLARGED PLANS - LEVEL 2	08.16.2024
TS3.07	ENLARGED PLANS - LEVEL 2	08.16.2024

SPECIFICATIONS - Security Upgrades

00 00 00	COVER PAGE
00 01 07	SEALS PAGE
00 01 10	TABLE OF CONTENTS
01 10 00	SUMMARY
01 20 00	PRICE AND PAYMENT PROCEDURES
01 25 00	SUBSTITUTION PROCEDURES
01 30 00	ADMINISTRATIVE REQUIREMENTS
01 32 16	CONSTRUCTION PROGRESS SCHEDULE

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

VAUGHN

LISTING OF DOCUMENTS

01 33 00	SUBMITTAL PROCEDURES
01 40 00	QUALITY REQUIREMENTS
01 50 00	TEMPORARY FACILITIES AND CONTROLS
01 60 00	PRODUCT REQUIREMENTS
01 70 00	EXECUTION AND CLOSEOUT REQUIREMENTS
02 41 00	DEMOLITION
04 20 00	UNIT MASONRY
04 72 00	CAST STONE MASONRY
06 41 00	ARCHITECTURAL WOOD CASEWORK
08 11 13	HOLLOW METAL DOORS AND FRAMES
08 14 16	FLUSH WOOD DOORS
08 33 23	OVERHEAD COILING DOORS
08 43 13	ALUMINUM FRAMED STOREFRONTS
08 71 00	DOOR HARDWARE
08 80 00	GLAZING
08 87 23	SAFETY AND SECURITY FILMS
09 21 16	GYPSON BOARD ASSEMBLIES
09 22 16	NON-STRUCTURAL METAL FRAMING
09 51 00	ACOUSTICAL CEILINGS
09 91 23	INTERIOR PAINTING
10 26 41	BALLISTICS RESISTANT PANELS
23 05 00	COMMON WORK FOR HVAC
23 05 93	TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 07 13	DUCT INSULATON
23 31 00	HVAC DUCTS AND CASINGS
23 33 00	AIR DUCT ACCESSORIES
23 37 00	AIR OUTLETS AND INLETS
26 05 05	SELECTIVE DEMOLITION FOR ELECTRICAL
26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 05 33.13	CONDUIT FOR ELECTRICAL SYSTEMS
26 05 33.16	BOXES FOR ELECTRICAL SYSTEMS
26 05 83	WIRING CONNECTIONS
26 24 16	PANELBOARDS
27 05 00	COMMON WORK RESULTS FOR COMMUNICATIONS
27 05 28	PATHWAYS FOR COMMUNICATION SYSTEMS
27 15 00	COMMUNICATIONS HORIZONTAL CABLING
28 00 00	SECURITY AND CCTV SYSTEMS
31 00 00	SITE PREPARATION
31 00 08	MISCELLANEOUS WORK AND CLEANUP
31 11 00	SITE CLEARING
31 30 00	GRADING AND DRAINAGE
32 12 16	HOT MIX ASPHALTIC CONCRETE PAVEMENT

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

VAUGHN

LISTING OF DOCUMENTS

32 13 13	CONCRETE SIDEWALKS, DRIVEWAYS AND FLATWORK
32 13 73	PAVING JOINT SEALANTS
32 17 23	PAVEMENT MARKINGS
32 31 19.53	HIGH SECURITY STEEL FENCE SYSTEM
32 91 00	TOPSOIL
32 92 00	TURFS AND GRASSES
33 41 00	STORM UTILITY DRAINAGE PIPING
34 71 13	BOLLARDS

GENERAL - Gym Renovation

G0.00	COVER	05.07.2024
G0.01	GENERAL NOTES, ABBREVIATIONS, & SYMBOLS	03.22.2024
G1.00	LIFE SAFETY PLAN	04.15.2024

DEMOLITION - Gym Renovation

AD1.00	DEMOLITION FLOOR PLAN - LEVEL 1	05.07.2024
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ARCHITECTURAL - Gym Renovation

A1.01	ENLARGED FLOOR PLAN - LEVEL 1	05.07.2024
A1.02	REFLECTED CEILING PLAN - LEVEL 1	05.07.2024
A1.11	FINISH FLOOR PLAN, LEGEND, AND SCHEDULE	05.07.2024
A2.00	INTERIOR ELEVATIONS	05.07.2024
A2.01	INTERIOR ELEVATIONS	05.07.2024
A2.02	INTERIOR ELEVATIONS	05.07.2024
A2.03	INTERIOR ELEVATIONS	05.07.2024
A5.00	INTERIOR DETAILS	04.15.2024
A5.01	INTERIOR WALL DETAILS	03.22.2024
A6.00	PARTITION TYPES	03.22.2024
A6.01	OPENING DETAILS & SCHEDULE	05.07.2024

STRUCTURAL - Gym Renovation

S1.01	STRUCTURAL WALL PENETRATION PLAN - GYM	05.07.2024
S2.01	STRUCTURAL WALL PENETRATION ELEVATIONS - GYM	05.07.2024

MECHANICAL - Gym Renovation

M0.00	MECHANICAL LEGEND INDEX AND NOTES	03.22.2024
M0.01	MECHANICAL SCHEDULES AND NOTES	05.07.2024
MD1.01	MECHANICAL DUCTWORK DEMOLITION PLAN- GYM	03.22.2024
MD1.02	MECHANICAL PIPING DEMOLITION PLAN- GYM	03.22.2024
M2.00	MECHANICAL DUCTWORK PLAN -OVERALL	03.22.2024
M2.01	MECHANICAL DUCTWORK PLAN- GYM	05.07.2024
M3.01	MECHANICAL PIPING PLAN- GYM	05.07.2024
M5.00	MECHANICAL DETAILS	03.22.2024
M5.01	MECHANICAL DETAILS	03.22.2024

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS**Project No. P476 / Vaughn Project No. 3161-01****VAUGHN****LISTING OF DOCUMENTS**

M6.01	MECHANICAL CONTROLS	03.22.2024
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ELECTRICAL - Gym Renovation

E0.00	ELECTRICAL LEGEND INDEX AND NOTES	03.22.2024
E0.01	ELECTRICAL NOTES	03.22.2024
E1.01	ELECTRICAL PLAN- OVERALL	03.22.2024
ED2.01	ELECTRICAL DEMOLITION PLAN- GYM	03.22.2024
E2.01	ELECTRICAL LIGHTING PLAN- GYM	05.07.2024
E3.01	ELECTRICAL POWER PLAN- GYM	05.07.2024
E7.00	ELECTRICAL PARTIAL RISER DIAGRAMS AND PANEL SCHEDULES	05.07.2024
E9.00	ELECTRICAL DETAILS	05.07.2024

PLUMBING - Gym Renovation

P0.00	PLUMBING LEGEND INDEX AND NOTES	03.22.2024
P0.01	PLUMBING NOTES	03.22.2024
P0.02	PLUMBING SCHEDULES	03.22.2024
PUD1.00	PLUMBING UNDER SLAB DEMOLITION PLAN- GYM	03.22.2024
PD1.01	PLUMBING DEMOLITION PLAN- GYM	03.22.2024
PU1.01	PLUMBING UNDER SLAB PLAN- GYM	05.07.2024
P2.01	PLUMBING PLAN- GYM	05.07.2024
P5.00	PLUMBING DETAILS	05.07.2024
P5.01	PLUMBING DETAILS	03.22.2024
P5.02	PLUMBING DETAILS	05.07.2024
P6.01	SANITARY AND VENT RISER	05.07.2024
P6.02	DOMESTIC WATER RISER	05.07.2024

SPECIFICATIONS - Gym Renovation

00 00 00	COVER PAGE
00 01 07	SEALS PAGE
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01 32 16	CONSTRUCTION PROGRESS SCHEDULE
01 33 00	SUBMITTAL PROCEDURES
01 40 00	QUALITY REQUIREMENTS
01 50 00	TEMPORARY FACILITIES AND CONTROLS
01 70 00	EXECUTION AND CLOSEOUT REQUIREMENTS
02 4 1 00	DEMOLITION
03 30 00	CAST-IN-PLACE CONCRETE
03 30 53	MISCELLANEOUS CAST IN PLACE CONCRETE
04 20 00	UNIT MASONRY
05 12 00	STRUCTURAL STEEL FRAMING

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

VAUGHN

LISTING OF DOCUMENTS

06 10 00	ROUGH CARPENTRY
07 92 00	JOINT SEALANTS
08 11 13	HOLLOW METAL DOORS AND FRAMES
08 31 13	ACCESS DOORS AND FRAMES
08 71 00	DOOR HARDWARE
08 83 00	MIRRORS
09 22 16	NON-STRUCTURAL METAL FRAMING
09 29 00	GYPSUM BOARD
09 30 13	CERAMIC TILING
09 51 23	ACOUSTICAL TILE CEILINGS
09 65 13	RESILIENT BASE AND ACCESSORIES
09 65 19	RESILIENT TILE FLOORING
09 91 23	INTERIOR PAINTING
10 14 23.16	ROOM-IDENTIFICATION PANEL SIGNAGE
10 51 29	PHENOLIC LOCKERS
12 36 61.16	SOLID SURFACING COUNTERTOPS
22 05 13	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT
22 05 16	EXPENSION FITTINGS AND LOOPS FOR PLUMBING PIPING
22 05 17	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING
22 05 23	GENERAL-DUTY VALVES FOR PLUMBING PIPING
22 05 29	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT
22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
22 07 16	PLUMBING EQUIPMENT INSULATION
22 07 19	PLUMBING PIPING INSULATION
22 07 19.11	UNDER-LAVATORY PIPE AND SUPPLY COVERS - PLUMBEREX
22 10 05	PLUMBING PIPING
22 10 06	PLUMBING PIPING SPECIALTIES
22 11 23	DOMESTIC WATER PUMPS
22 30 00	PLUMBING EQUIPMENT
22 40 00	PLUMBING FIXTURES
23 05 13	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT
23 05 17	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING
23 05 23	GENERAL-DUTY VALVES FOR HVAC PIPING
23 05 29	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
23 05 48	VIBRATION AND SEISMIC CONTROLS FOR HVAC
23 05 53	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
23 05 93	TESTING, ADJUSTING, AND BALANCING FOR HVAC
23 07 13	DUCT INSULATION
23 07 19	HVAC PIPING INSULATION
23 08 00	COMMISSIONING OF HVAC
23 21 13	HYDRONIC PIPING
23 21 14	HYDRONIC SPECIALTIES
23 31 00	HVAC DUCTS AND CASINGS
23 33 00	AIR DUCT ACCESSORIES



LISTING OF DOCUMENTS

23 34 23	HVAC POWER VENTILATORS
23 37 00	AIR OUTLETS AND INLETS
23 82 19	FAN COIL UNITS
26 05 05	SELECTIVE DEMOLITION FOR ELECTRICAL
26 05 19	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
26 05 26	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
26 05 29	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
26 05 33.13	CONDUIT FOR ELECTRICAL SYSTEMS
26 05 33.16	BOXES FOR ELECTRICAL SYSTEMS
26 05 53	IDENTIFICATION FOR ELECTRICAL SYSTEMS
26 24 16	PANELBOARDS
26 27 26	WIRING DEVICES
26 28 13	FUSES
26 28 16.16	ENCLOSED SWITCHES
26 51 00	INTERIOR LIGHTING

OTHER DOCUMENTS

3161 WilCo Justice Center CD Comments - 4.22.2024 - Responses 5.7.2024	05.07.2024
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TAB FIVE



WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

QUALIFICATIONS & ASSUMPTIONS

Phase: GMP-02

Date: October 7, 2024

General Qualifications

1. Excludes a line item estimate; line items are only shown for convenience of review.
2. Assumes work during normal work hours Monday through Friday, 7:00 AM to 3:30 PM, and intermittent weekend work as required.
3. 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 except for the following proprietary specifications:
 - A. Security by Securitas
 - B. Fire alarm by JCI / Simplex
4. Building automation system by Automated Logic
5. Excludes building code changes, life safety code changes, or other regulatory changes that may occur beyond what is currently designed.
6. Assumes reasonable efforts to locate and protect existing underground utilities and facilities but excludes responsibility for damage or the impacts from damage to unknown, unforeseen, or non/incorrectly located by others underground utilities or facilities.
7. 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, and hidden sampling wells.
8. Excludes 3rd party environmental (i.e., asbestos, lead, mold, etc.) monitoring.
9. Excludes leasing of public right of ways and sidewalks and excludes lane closures.
10. Assumes complete use of the entire site, including the parking areas.
11. Excludes the design of, including but not limited to, any system, detail, equipment, and component, whether included or not included in the project plans or specifications unless it has been specifically indicated to be Contractor's responsibility for "delegated design". Furthermore, if delegated design by Contractor is indicated, the resulting design must be able to be achieved within the original design intent. Any other design changes, as a result of the delegated design, are excluded.
12. Assumes isolation or termination of existing MEP systems, including but not limited to valves and breakers, will be performed by others. Excludes "hot" or "live" tie-in work.
13. Assumes equipment provided by Owner or others, but connected by the trade contractors, will be delivered and set in place at the required time to meet the schedule.
14. Excludes 3rd party commissioning agent. Includes assistance for the commissioning agent to accomplish their work.
15. Assumes the right to use contingency funds for acceleration of the project schedule.

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

QUALIFICATIONS & ASSUMPTIONS

16. 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.
17. Assumes all separate contractors shall execute Contractor's Site Access Agreement setting forth project rules, responsibilities, and boundaries. Separate contractors shall provide the same insurance required by the Owner-Contractor contract, along with safety plans acceptable to Contractor.
18. Excludes the following scopes:
 - A. Abatement
 - B. Ornamental metals
 - C. Roofing
 - D. Terrazzo
 - E. Epoxy flooring
 - F. Audio visual
 - G. Fixtures, furnishings, and furniture
 - H. Fire protection
 - I. Fences & Gates

02.01 – Demolition

1. Includes the removal of the deep foundation systems to 30" below the existing grade.
2. Excludes salvage, removal, haul-off, storage, or reinstallation of existing loose furniture, fixtures, equipment, and materials.
3. Excludes salvaging any existing building feature or material unless drawings call for the reuse.
4. Excludes abatement. Assumes we will receive an all-clear letter prior to the Notice to Proceed.
5. Excludes the make safe of the existing communications antenna. Includes removal only. Assumes the Owner will make safe the antenna prior to the Notice to Proceed.

03.0 – Concrete Turnkey

1. Excludes ACI-certified flatwork technician and finisher requirements. Resumes of the concrete finishing supervisor will be provided documenting their experience with projects of like scope.
2. Excludes measures to address potential corrosion of steel/rebar or degradation of existing concrete.
3. Includes demolition and patch back of a 6" slab for the underground sanitary piping. The slab depth was not provided. Assumes the existing slab is conventional slab on grade and excludes post tensioning removal.

04.01 – Masonry

1. Excludes integral water repellant with polymetric liquid admixture described in specification 04 20 00 paragraph 2.1.3 of the Security Upgrades Specifications. Assumes painting the CMU, negating the need for the admixture.

06.02 – Architectural Millwork

1. Includes adjustments to the existing millwork to accommodate the new panic button.

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

QUALIFICATIONS & ASSUMPTIONS

07.01 – Waterproofing

1. Includes flexible flashing and joint sealants at the heads and jambs of the new exterior door frames.
2. Includes sealants at the new concrete expansion joints and spherical bollards.

07.08 – Fireproofing

1. Includes new sprayed fireproofing patching as indicated in the Contract Documents. Excludes ensuring that the existing fireproofing meets current building codes.
2. Excludes K-13 High R System at the gym ceiling. This product will not meet the desired 2-hour fire rating.
3. Includes 10 bags of fireproofing to repair the existing fireproofing.
4. Excludes upgrading the existing gym walls and decks to a 2-hour fire rating. Assumes the existing fireproofing meets requirements for a 2-hour fire rating.

08.00 – Doors, Frames, and Hardware

1. Includes new door frames at all door openings. Excludes reusing existing door frames.
2. Includes new 6 EA 3070 HM door type 4 vision panels and hardware set 07 at the replaced basement doors in the Justice Center. The Contract Documents did not include a door or hardware type.

09.03 – Tile

1. Includes Schluter RENO-T Wide 9/16" at the thresholds.

09.12 – Painting

1. Includes black dryfall paint at the gym ceiling.

10.08 – Signage

1. Includes the following gym acrylic signage:
 - A. 4 EA – 6" x 6" Room ID
 - B. 3 EA – 7" x 9" Restroom ID
2. Includes standard manufacturer colors at all signage. Excludes custom colors.

22.01 – Plumbing and HVAC

1. Includes hardwired leak detection. Excludes wireless. Excludes LTE cellular back up for leak detection system.
2. Includes Williamson County standard color-coded PVC pipe labels.

26.03 – Fire Alarm

1. Assumes the existing fire alarm control panels have space for all additional wiring added in the Gym Renovation and Security Upgrade projects.

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

QUALIFICATIONS & ASSUMPTIONS

27.01 – Telecommunications/Data

1. Includes a Panduit structured cabling system as recommended by BryComm, who has previously installed the cabling system in the facility. Excludes providing a Commscope system as detailed in specification section 271500.
2. Excludes removal of underground pathways, these will be abandoned in place.
3. Excludes AV scope of work; AV work is provided by the Owner.

28.01 – Security

1. Excludes a new access control panel. The existing security head end equipment will control the vehicle gates and gate islands.
2. Excludes voice duress buttons. Securitas has confirmed these devices are not used by Williamson County.
3. Includes an audio only intercom station at the security islands on Forest Street with control of the gate islands by the existing jail control system. Excludes a gate island master intercom station.
4. Excludes intercom stations in Admin 26, 368, 395, 277, 480, 425, AG, CCL1, CCL5, CCL3, CCL2, and CCL4. Assumes the use of existing equipment in these rooms for control of the new intercom door stations.
5. Excludes a network video recording system. Includes integrating the new security cameras into the existing system, software, and network.
6. Excludes access control management system workstations. Includes the use of existing workstations.
7. Excludes rack mounted LCD monitors, keyboards, mouse, and KMM Switch described in section 28 13 00 paragraph 2.05.B of the Security Upgrades Specifications. These items are to be OFOI.
8. Assumes all security devices, cameras, boards, controllers, cameras, intercoms, and hardware manufacturers will match existing.
9. Includes the use of existing cable pathways for door intercom stations. Excludes new cable pathways or cable trays.

31.04 – SWPPP

1. Includes SWPPP Narrative, SCE, Geocurve, silt fence, T-post caps, tree protection, and compliance assurance plan.

32.13 – Landscaping and Irrigation

1. Includes new mulch at the tree planting beds plan north extended into the new parking islands.
2. Includes new sod at the parking islands added for gate security features.

POSSIBLE COST REDUCTION / VALUE ADDED ITEMS

Phase: GMP-02

Date: October 7, 2024

1. No VE items identified at this time.

TAB SIX



ESTIMATE SUMMARY

Phase: GMP-02

Date: October 7, 2024

Estimate Summary			Total
	Cost of Work		\$2,585,653
	Design Contingency	% of COW	\$0
	Escalation	% of COW	\$0
	Total Cost of Work		\$2,585,653
	Construction Phase Fee	% of Total COW 29.98%	\$775,179
	Negotiated Fee		(\$30,000)
	Guaranteed Maximum Price		\$3,330,832
	Owners Contingency	% of GMP 0.00%	\$0
Grand Total			\$3,330,832

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL



Phase: GMP-02

Date: October 7, 2024

	Quantity	Unit	Rate	Total
Division 01 - General Requirements				166,937.00
01.36 - GENERAL TRADES	0	SF		158,096.00
00 - General	0	SF		158,096.00
General Requirements				158,096.00
General Works Sub Bid	1	LS	158,096.00	158,096.00
Project Cleaning	0	SF		0
Project Cleaning Supplies	1	LS	0	0
Project Signage	0	SF		0
Job Required Signage	1	EACH	0	0
Do Not Enter Signage	1	EACH	0	0
Safety	0	SF		0
Temporary Fire Extinguishers - Input Building SF	12,350.00	SF	0	0
Recertification Of Fire Extinguishers - Input Building SF	12,350.00	SF	0	0
Safety Material & Equipment	4	MO	0	0
Project Safety Requirements	0	SF		0
Badging	4	EACH	0	0
Other Administrative Requirements	0	SF		0
Subcontractor Escort	20	WEEK	0	0
Negative Air Machines	0	SF		0
Neg Air Machine	1	EACH	0	0
Hepa Filter	1	EACH	0	0
Secondary Filter	20	EACH	0	0
Setup Neg Air Machine	1	EACH	0	0
Set Up and Maintenance of Neg Air Machines	20	WEEK	0	0
Temporary Ductwork	0	SF		0
6 Mil Plastic (20' x 100')	1	ROLL	0	0
Other Temporary Partitions				0
Ram Board	1	ROLL	0	0
Flooring Protection				0
Sticky Mats	4	EACH	0	0
Other Temporary Protection				0
Tree Protection - Chain Link (20 Trees)	600	LF	0	0
01.74 - FINAL CLEAN	0	SF		8,841.00
00 - General	0	SF		8,841.00
Project Cleaning	0	SF		8,841.00
Sub Bid	1	LS	8,841.00	8,841.00
01 - Gym Renovations	0	SF		0
Project Cleaning	0	SF		0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Rough Clean - 4 Mobilizations	3,220.00	SF	0	0
Final Clean - 4 Mobilizations	3,220.00	SF	0	0
02 - Security Upgrades	0	SF		0
Project Cleaning	0	SF		0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Rough Clean - 4 Mobilizations	9,130.00	SF	0	0
Final Clean - 4 Mobilizations	9,130.00	SF	0	0
Division 02 - Existing Conditions				101,020.00
02.01 - REMOVALS	0	SF		101,020.00
00 - General	0	SF		101,020.00
Subcontractor				101,020.00
Demo Sub Bid	1	LS	101,020.00	101,020.00

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL



	Quantity	Unit	Rate	Total
01 - Gym Renovations	0	SF		0
Spec Sections				0
Spec Section 02 41 00 - Demolition	1	SCOPE	0	0
General Demolition				0
Permits For Demolition As Required	1	SCOPE	0	0
Temporary Protection For Demolition (By Div. 01)	1	SCOPE	0	0
Temporary Power For Demolition (By Div. 26)	1	SCOPE	0	0
Dust And/Or Water Control For Demolition As Required (By Div. 01)	1	SCOPE	0	0
Infection Control For Demolition As Required (By Div. 01)	1	SCOPE	0	0
Interior Demolition				0
Remove Drywall Ceilings	1,289.00	SF	0	0
Remove Carpeting and Rubber Base	1,591.00	SF	0	0
Remove Flooring Adhesive	1,591.00	SF	0	0
Remove Epoxy Flooring and Cove Base	1,331.00	SF	0	0
Remove Interior CMU Partitions	2,220.00	SF	0	0
Haul Demolished MEP Systems / Fixtures	6,919.00	SF	0	0
Remove Toilet Partition	6	EACH	0	0
Remove Toilet Accessories	1	SCOPE	0	0
Remove Door, Frame, & Hardware	5	EACH	0	0
Remove Restroom Countertop	19	LF	0	0
Remove Lockers and Benches	79	LF	0	0
Dumpsters For Demolition - 30 CY	0	EACH	0	0
Demolition Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Demo MEP Penetrations in CMU Walls	5	EACH	0	0
02 - Security Upgrades	0	SF		0
General Demolition				0
Permits For Demolition As Required	1	SCOPE	0	0
Temporary Protection For Demolition (By Div. 01)	1	SCOPE	0	0
Temporary Power For Demolition (By Div. 26)	1	SCOPE	0	0
Dust And/Or Water Control For Demolition As Required (By Div. 01)	1	SCOPE	0	0
Infection Control For Demolition As Required (Coordinate With Div. 01)	1	SCOPE	0	0
Miscellaneous Exterior Removals				0
Remove ADA Signs	2	EACH	0	0
Remove Bollards - Machine Removal (No Cutting)	5	EACH	0	0
Remove Fence, Chain Link & Posts	11	LF	0	0
Interior Demolition				0
Dumpsters For Demolition - 30 CY	1	SCOPE	0	0
Demolition Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Remove Temporary Infill Panel at Judge's Benches	7	EACH	0	0
Demo Concrete Pavement	4,771.00	SF	0	0
Demo Concrete Sidewalk	1,535.00	SF	0	0
Demo Concrete Curb	368	LF	0	0
Demo Foundations at Antenna	1	SCOPE	0	0
Division 03 - Concrete				243,232.00
03.00 - CONCRETE TURNKEY	0	SF		243,232.00
00 - General	0	SF		243,232.00
Concrete Subcontractor	0	LS		243,232.00
Concrete Turnkey Sub Bid	1	LS	243,232.00	243,232.00
01 - Gym Renovations	0	SF		0
Mow Strips				0
Water Softner MEP Pad	8	SF	0	0
02 - Security Upgrades	0	SF		0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Spec Sections				0
Spec Section 32 13 13 - Concrete Sidewalks, Driveways and Flatwork	1	SCOPE	0	0
Spec Section 34 71 13 - Bollards	1	SCOPE	0	0
Concrete Wash-out	1	SCOPE	0	0
Dowling for Dumpster Enclosure Wall	1	SCOPE	0	0
Misc Concrete	0	CY		0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Paving				0
8" Dumpster Pad #4 @ 18" OCEW 3500 PSI	970	SF	0	0
8" Dumpster Apron 3500 PSI	541	SF	0	0
8" Dumpster Pad Grade Beams 24x18 w/ (4) #6 Bars 3500 PSI	94	LF	0	0
8" Dumpster Pad Grade Beams 24x18 w/ (4) #6 Bars 3500 PSI	94	LF	0	0
Sidewalks				0
4" Sidewalk (Based On 6'-0" Wide), Tooled Jts, #4's @ 18" OC	1,780.00	SF	0	0
Add for ADA Ramp w/ Indicator Pavers (C5.2/SD37)	195	SF	0	0
Mow Strips				0
Maintenance Band 12" Wide (C5.3/Concrete S idewalk & Concrete Mow Strip)	240	LF	0	0
Curbing				0
Machined Curb & Gutter (C5.0/SD06)	524	LF	0	0
Bollards				0
Set Sphere Bollards (6/AS1.03)	5	EACH	0	0
Bollard Foundation, Set & Fill Pipe	16	EACH	0	0
Division 04 - Masonry				49,628.00
04.01 - MASONRY	0	SF		49,628.00
00 - General	0	SF		49,628.00
Subcontractor				49,628.00
Masonry Sub Bid	1	LS	49,628.00	49,628.00
01 - Gym Renovations	0	SF		0
Spec Sections				0
Spec Section - 04 20 00 - Unit Masonry	1	SCOPE	0	0
Spec Section - 047200 - Cast Stone Masonry	1	SCOPE	0	0
Masonry Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Masonry in-fill	1	SCOPE	0	0
Installation Of Loose Lintels Supplied By Others - S2.01	1	SCOPE	0	0
Building HVAC Demo				0
Cut Existing Opening to Accomodate New Louver - 4/A6.01	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Concrete Masonry Units (CMU)				0
CMU - 8" - Grout Filled @ 48" OC	569	SF	0	0
Cast Stone				0
Cast Stone Parapet Cap	71	LF	0	0
Masonry Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Repair of CMU Framing Replaced Exterior Door	1	SCOPE	0	0
Reinforcing Steel in CMU Dumpster Enclosure	1	SCOPE	0	0
Division 05 - Metals				117,405.00
05.00 - STRUCTURAL STEEL TURNKEY	0	SF		117,405.00
00 - General	0	SF		117,405.00
Vendor				117,405.00
Steel Vendor Bid	1	LS	117,405.00	117,405.00

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
01 - Gym Renovations	0	SF		0
Masonry Supports				0
Masonry Lintels - Loose	31	LF	0	0
02 - Security Upgrades	0	SF		0
Steel Fabrication				0
Gate Brace Plates (8x11x1/4) - Galvanized	2	EACH	0	0
Gate Posts (HSS 4x4x1/2) - Galvanized	2	EACH	0	0
Pipes for Gate Anchors - Galvanized	6	EACH	0	0
Gate Brace (HSS 4x4x1/2) - Galvanized	2	EACH	0	0
Gate Posts (HSS 6x6x1/2) - Galvanized	2	EACH	0	0
Custom Gates - Galvanized	3	EACH	0	0
Guardrails				0
Guardrail - 2 Line Galvanized	27	EACH	0	0
Coring for Guardrail	1	SCOPE	0	0
Misc. Steel Fabrication				0
Pipe Bollards - 6", Galvanized	16	EACH	0	0
Steel Millwork Supports Per 4/A5.00	3	EACH	0	0
Steel Fabrication Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Subcontractor				0
Spec Section 05 12 00 - Structural Steel Framing	1	LS	0	0
Structural Steel Erection				0
Demolish Existing Antenna	1	EACH	0	0
Gate Posts/Braces	6	EACH	0	0
Custom Gates	3	EACH	0	0
Guardrails				0
Site Guardrails - Multi-Lined, Cored and Set	27	EACH	0	0
Division 06 - Wood, Plastics, and Composites				15,734.00
06.02 - ARCHITECTURAL WOODWORK/MILLWORK/TRIM	0	LF		15,734.00
00 - General	0	LF		15,734.00
Subcontractor				15,734.00
Millwork Sub Bid	1	LS	15,734.00	15,734.00
01 - Gym Renovations	0	LF		0
Spec Sections				0
Section 12 36 61.16 - Solid Surfacing Countertops	1	SCOPE	0	0
Solid Surface Fabrications				0
SS-1 Rounded Solid Surface Countertop - 1-1/2"	15	LF	0	0
Speed Braces / Support Angles	3	EACH	0	0
Solid Surface Scope Items				0
Cutouts for Plumbing Fixtures	1	SCOPE	0	0
Grommets	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
Badging	1	SCOPE	0	0
Manufacturers				0
Corian	1	SCOPE	0	0
DuPont	1	SCOPE	0	0
Wilsonart LLC	1	SCOPE	0	0
Hollman	1	SCOPE	0	0
02 - Security Upgrades	0	LF		0
Spec Sections				0
Section 06 41 00 - Architectural Wood Casework	1	SCOPE	0	0
Plastic Laminate Countertops				0
Infill - Courtrooms	23	LF	0	0
Architectural Millwork Scope Items				0
Duress Alarm Rough In - Drill A Hole @ Courtrooms - TS3.02/.04/.05/.07	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Solid Surface Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Division 07 - Thermal and Moisture Protection				14,639.00
07.01 - WATERPROOF / DAMPPROOF / JOINT SEALANTS	0	SF		7,409.00
00 - General	0	SF		7,409.00
Subcontractor				7,409.00
Waterproofing Sub Bid	1	LS	7,409.00	7,409.00
01 - Gym Renovations	0	SF		0
Spec Sections				0
Spec Section - 07 92 00	1	SCOPE	0	0
Dampproofing Manufacturers				0
Manufacturer: GE Construction Sealants	1	SCOPE	0	0
Waterproofing Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Water Repellent Scope Items				0
Joint sealants at sidewalk control joints	1	SCOPE	0	0
Flashing and sealant to be included at new louver - 4/A6.01	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Building Facade Joint Sealants				0
Joint Sealant @ Exterior Doors	1	SCOPE	0	0
Flashing @ Exterior Doors	1	SCOPE	0	0
07.08 - FIREPROOFING	0	SF		7,230.00
00 - General	0	SF		7,230.00
Subcontractor				7,230.00
Fireproofing Sub Bid	1	LS	7,230.00	7,230.00
01 - Gym Renovations	0	SF		0
Cementitious Fireproofing				0
Ceiling Fireproofing - touchup above womens' restrooms (20%)	152	SF	0	0
Ceiling Fireproofing - touchups over remaining ceiling (20%)	322	SF	0	0
Scope: Exclude acoustical insulation.	0	SCOPE	0	0
Fireproofing Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Division 08 - Openings				134,362.00
08.00 - DOORS, FRAMES, AND HARDWARE	0	EACH		60,233.00
00 - General	0	EACH		60,233.00
Vendor				60,233.00
Doors, Frames, & Hardware Sub Bid	1	LS	60,233.00	60,233.00
01 - Gym Renovations	0	EACH		0
Spec Sections				0
Section 08 71 00 - Door Hardware	1	SCOPE	0	0
Section 08 11 13 - Hollow Metal Doors & Frames	1	SCOPE	0	0
Door Frames				0
3070 Hollow Metal Frame	3	EACH	0	0
2670 Hollow Metal Frame	6	EACH	0	0
Hollow Metal Doors				0
2670 Hollow Metal Door	6	EACH	0	0
3070 Hollow Metal Door	3	EACH	0	0
Manufacturers				0
Airtec Corporation	1	SCOPE	0	0
Apex Industries, Inc	1	SCOPE	0	0
Ceco Door; AADG, Inc	1	SCOPE	0	0
Concept Frames, AADG, Inc	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
DCI Hollow Metal on Demand	1	SCOPE	0	0
Hardware Sets				0
Door Hardware Set: 01	3	EACH	0	0
Door Hardware Set: 02	1	EACH	0	0
Door Hardware Set: 03	1	EACH	0	0
Door Hardware Set: 04	4	EACH	0	0
Door Hardware Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
02 - Security Upgrades	0	EACH		0
Spec Sections				0
Section 08 11 13 - Hollow Metal Doors & Frames	1	SCOPE	0	0
Section 08 71 00 - Door Hardware	1	SCOPE	0	0
Door Frames				0
3070 Hollow Metal Frame	9	EACH	0	0
Hollow Metal Doors				0
3070 Hollow Metal Door - Type 1	5	EACH	0	0
3070 Hollow Metal Door - Type 4	4	EACH	0	0
Manufacturers				0
Haley Brothers	1	SCOPE	0	0
Masonite Architectural	1	SCOPE	0	0
VT Industries, Inc.	1	SCOPE	0	0
Hardware Sets				0
Door Hardware Set: 06	2	EACH	0	0
Door Hardware Set: 07	9	EACH	0	0
Electric Strike - Approved Manufacturer: HES	1	SCOPE	0	0
Door Hardware Scope Items				0
Include Removal Of Doors, Frames & Hardware Being Replaced	1	SCOPE	0	0
Mag Locks - Doors N1065 A/B - TS1.02	1	SCOPE	0	0
Additonal Field Verify For Existing Conditions	1	SCOPE	0	0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
08.10 - OVERHEAD DOORS/COILING GRILLS	0	EACH		29,428.00
00 - General	0	EACH		29,428.00
Subcontractor				29,428.00
Overhead & Coiling Door Sub Bid	1	LS	29,428.00	29,428.00
02 - Security Upgrades	0	EACH		0
Spec Sections				0
Section 08 33 23 - Overhead Coiling Doors	1	SCOPE	0	0
Coiling Grilles				0
Aluminum Coiling Grille - 11'-2" x 10'-7" - 2/AS1.03	2	EACH	0	0
Overhead Doors Scope Items				0
Electric Operations & Control Stations	1	SCOPE	0	0
Wiring From Electric Circuit Disconnect to Operators & Control Stations	1	SCOPE	0	0
Control Station - Three Button	1	SCOPE	0	0
Slat Size 2"	1	SCOPE	0	0
Factory Painted	1	SCOPE	0	0
Warranty - 5 Year Manufacrue Warranty	1	SCOPE	0	0
Emtrament Protection Devices - Wireless Eye Sensor	1	SCOPE	0	0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Manufacturers				0
Cornell Iron Works	1	SCOPE	0	0
Liftmasters	1	SCOPE	0	0
Overhead Door Company - Basis of Design Model 620	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
08.28 - GLASS & GLAZING	0	SF		44,701.00
00 - General	0	SF		44,701.00
Subcontractor				44,701.00
Glass & Glazing Sub Bid	1	LS	44,701.00	44,701.00
01 - Gym Renovations	0	SF		0
Spec Sections				0
Section 08 83 00 - Mirrors	1	LS	0	0
Mirrors				0
Mirrored Wall 4' x 6' - East Side Gym - Detail 1&2/ A2.03	226	SF	0	0
Mirrored Wall 7' x 6' - South Side Gym	237	SF	0	0
Mirrored Wall 7' x 6' - North Side Gym	282	SF	0	0
Mirrored Wall 7' x 6' - West Side Gym	298	SF	0	0
Glass and Glazing Scope Items				0
Painted Flashing - 2/A5.01	174	LF	0	0
Manufacturers				0
Binwanger Glass Company	1	SCOPE	0	0
Gardner Glass, Inc.	1	SCOPE	0	0
National Glass Industries, Inc	1	SCOPE	0	0
Trulite Glass & Almunium	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Subcontractor				0
Glass & Glazing Sub Bid	1	LS	0	0
Glass & Glazing Bond On Sub	0	%	0	0
Spec Sections				0
Section 08 80 00 - Glazing	1	LS	0	0
Glass Doors & Entrances				0
Exterior Door Lites - Door Type 4	4	EACH	0	0
Glass and Glazing Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Manufacturers				0
Trulite Glass & Almunium Solutions, LLC	1	SCOPE	0	0
Viracon, Inc	1	SCOPE	0	0
Tecnoglass; Insulating Glass	1	SCOPE	0	0
Tecnoglass; Laminated Glass	1	SCOPE	0	0
Thompson I.G LLC; Laminated Glass	1	SCOPE	0	0
Viracon, Architectural Glass Segment of Apogee Enterprises, Inc	1	SCOPE	0	0
Division 09 - Finishes				257,220.00
09.02 - DRYWALL	0	SF		80,075.00
00 - General	0	SF		80,075.00
Subcontractor				80,075.00
Drywall Sub Bid	1	LS	80,075.00	80,075.00
01 - Gym Renovations	0	SF		0
Vanity Supports				0
Vanity Support - 2 x 2 Fire Treated Wood Blocking	542	LF	0	0
Mirror Support in the gym room - Fire Treated Plywood - 3/4"	4,160.00	SF	0	0
Spec Sections				0
Specification Section - 09 29 00	1	SCOPE	0	0
Interior Partitions to Deck, 1 Layer EA Side				0
To 10' -20 Ga.3 5/8"@16",1 Ea 5/8"Gyp Ea. Side	177	LF	0	0
WIP patchback (10%)	18	LF	0	0
Glass mat Tile backer board	330	LF	0	0
Furred wall located in the gym	30	LF	0	0
Drywall Ceilings				0
Drywall Ceiling	275	SF	0	0
Insulation by Drywall				0
Acoustical Wall Insulation	1,770.00	SF	0	0

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	Quantity	Unit	Rate	Total
Drywall Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Drywall to provide Tile backing panels for restrooms.	1	SCOPE	0	0
Drywall to pick up patching at MEP in wall devices.	1	SCOPE	0	0
Manufacturer - CertainTeed; SAINT-GOBAIN	0	SCOPE		0
Manufacturer - Georgia-Pacific Gypsum LLC	0	SCOPE		0
Manufacturer - USG Corporation	0	SCOPE		0
Manufacturer - American Gypsum	1	SCOPE	0	0
Tape wall will receive tile.	1	SCOPE	0	0
Include blocking drywall patchin.	1	SCOPE	0	0
Acoustical Ceilings				0
Standard 2 x 2 Acoustical Ceiling	469	SF	0	0
Ceilings Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Toilet Accessory Blocking				0
Toilet Accessory - 2 x 6 Fire Treated Wood Blocking	13	LF	0	0
02 - Security Upgrades	0	SF		0
Acoustical Ceilings				0
Standard 2 x 2 Acoustical Ceiling	289	SF	0	0
Ceilings Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
09.03 - TILE	0	SF		41,174.00
00 - General	0	SF		41,174.00
Subcontractor				41,174.00
Tile Sub Bid	1	LS	41,174.00	41,174.00
01 - Gym Renovations	0	SF		0
Spec Sections				0
Section 09 30 13 - Ceramic Tiling	1	SCOPE	0	0
Section 09 30 13 - 6 - 2.3 - Thresholds	1	SCOPE	0	0
Waterproofing				0
Waterproofing Membrane at Floors	639	SF	0	0
Waterproofing Membrane at Walls	963	SF	0	0
Ceramic Tile				0
TL-2 Matte Ceramic Tile - 24" x 24" - Wash Room - 4'-4" Height	66	SF	0	0
TL-1 Polished Porcelain Tile - 12" x 24" - Shower - 7' Height	657	SF	0	0
TL-1 Polished Porcelain Tile - 12" x 24" - Bathroom - 4'Height	240	SF	0	0
Moisture Protection	2,565.00	SF	0	0
Epoxy Grout	2,565.00	SF	0	0
TL-4 - Porcelain Floor Tile - 24"x24"	141	SF	0	0
TL-3 - Porcelain Floor Tile - 6"x24"	498	SF	0	0
TL-1 Cove Base	335	LF	0	0
Other Tile				0
Thresholds - Schluter RENO-T Wide 9/16"	23	LF	0	0
Transition - Schluter - Reno-Ramp/K - RFI - A.1.11	6	LF	0	0
Tile Scope Items				0
Crack Isolation Membranes	1	SCOPE	0	0
Setting Material	1	SCOPE	0	0
Cutting of Materials to be Performed Outside	1	SCOPE	0	0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Manufacturer				0

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ESTIMATE DETAIL

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	Quantity	Unit	Rate	Total
Crossville	1	SCOPE	0	0
Custom Building Products	1	SCOPE	0	0
Daltile	1	SCOPE	0	0
Laticrete Internaocial, Inc,	1	SCOPE	0	0
Mapel Corporation	1	SCOPE	0	0
Tile Scope Items				0
FLOOR PROTECTION	2,565.00	SF	0	0
09.07 - CARPET, VINYL FLOORING, & BASE	0	SF		82,456.00
00 - General	0	SF		82,456.00
Subcontractor				82,456.00
Flooring Sub Bid	1	LS	82,456.00	82,456.00
01 - Gym Renovations	0	SF		0
Flooring Protection				0
Floor Prep -Bags	20	EACH	0	0
Spec Sections				0
Section 09 65 19 - Resilient Tile Flooring	1	LS	0	0
Section 09 65 13 - Resilient Base & Accessories	1	LS	0	0
Resilient Base				0
Rubber Base - 4"	218	LF	0	0
Resilient Base Manufacturers				0
Armstrong World Industries, Inc	1	SCOPE	0	0
Johnsonite; a Tarkett Company	1	SCOPE	0	0
Roppe Corporation; Roppe Holding Company	1	SCOPE	0	0
Flooring Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Sports Flooring				0
Rubber Gym Flooring - 24" x 24" x 3/8"	2,277.00	SF	0	0
Manufacturers				0
Matter Spaces	1	SCOPE	0	0
Dinoflex	1	SCOPE	0	0
American Biltrite	1	SCOPE	0	0
EQ3 -Core & Sleeve For Stanchions	1	SCOPE	0	0
09.12 - PAINTING	0	SF		53,515.00
00 - General	0	SF		53,515.00
Subcontractor				53,515.00
Painting Sub Bid	1	LS	53,515.00	53,515.00
01 - Gym Renovations	0	SF		0
Concrete Sealer				0
Seal Concrete - Janitor	31	SF	0	0
Concrete Sealer Scope Items				0
Prep in Accordance with Manufacturers Recomendations	1	SCOPE	0	0
Spec Sections				0
Spec Section - 09 91 23	0	SCOPE	0	0
Paint Drywall				0
Paint P-1 BOD: Sherwin Williams, SW 7570 Egret White, Eggshell finish	521	SF	0	0
Paint P-2 BOD: Sherwin Williams, SW 7602 Indigo Batik, Eggshell finish	723	SF	0	0
Paint P-3 BOD: Sherwin Williams, SW 6242 Bracing Blue, eggshell finish	1,163.00	SF	0	0
Paint Concrete				0
Paint P-4 Paint Exposed Fireproofed Ceiling	6,579.00	SF	0	0
Paint Doors & Frames				0
Paint Hollow Metal Frames	9	EACH	0	0
Paint Hollow Metal Doors	9	EACH	0	0
Paint Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0

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ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Existing ductwork, fireproofing and electrical conduit with black ceiling paint.	1	SCOPE	0	0
Tape & Float Temporary Partitions	1,000.00	SF	0	0
Paint Temporary Partitions	1,000.00	SF	0	0
Caulking from Gypsum to Adjacent Surfaces	1	SCOPE	0	0
Sub to pick up block filler at infill CMU	1	SCOPE	0	0
Manufacturers				0
Sherwin-Williams Company	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Paint Masonry				0
Paint CMU dumpster wall - matching paint of main building	1,152.00	SF	0	0
Block Filler	1,152.00	SF	0	0
Paint Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Sealed concrete will be picked up paint sub.	1	SCOPE	0	0
Include paint at the security monitors.	1	SCOPE	0	0
Division 10 - Specialties				40,475.00
10.00 - SPECIALTIES TURNKEY	0	EACH		35,700.00
00 - General	0	EACH		35,700.00
Vendor				35,700.00
Specialties Sub Bid	1	LS	35,700.00	35,700.00
01 - Gym Renovations	0	EACH		0
Spec Sections				0
Section 10 51 29 - Phenolic Lockers	1	SCOPE	0	0
Stainless Steel Wall Protection				0
Stainless Steel Corner Guards - Surface Mounted - 5' -RFI	2	EACH	0	0
Plastic Wall Protection				0
Fiberglass Reinforced Plastic - Janitor	19	LF	0	0
Style - Molded Pebble Texture - Janitor	1	SCOPE	0	0
Color - P430N Medium Gray Class C - Janitor	1	SCOPE	0	0
Phenolic Lockers	0	EACH		0
Double Tier Phenolic Z - 72"H x 12"W x 18"D	28	EACH	0	0
Locker Room Benches				0
Phenolic Bench ADA - 18.5" H x 20"W x 48"L	1	EACH	0	0
Phenolic Benches - 18.5"H x 15"W x 60"L	1	EACH	0	0
Back Support Bracker	1	EACH	0	0
Locker Accessories				0
Digital Lock, Finish: Satin Nickel - RFI	28	EACH	0	0
Manufacturers				0
Manufacturer - Hollman Inc	1	SCOPE	0	0
Manufacturer - Marlite	1	SCOPE	0	0
Grab Bars				0
Grab Bars - 36" Surface Mounted SST - TA/A1.01	2	EACH	0	0
Grab Bars - 42" Surface Mounted SST	1	EACH	0	0
Grab Bars - 18" Surface Mounted SST	1	EACH	0	0
Paper Towel Dispensers				0
Surface Mounted Hand Towel Roll Dispenser,Matic H1	2	EACH	0	0
Toilet Paper Dispensers				0
Surface-Mounted Toilet Paper Dispenser	4	EACH	0	0
Sanitary Napkin Disposals				0
Surface-Mounted Toilet Seat Cover Dispenser	4	EACH	0	0
Soap Dispensers				0
Surface-Mounted Soap Dispenser LTX-12	2	EACH	0	0
Shower Seats				0
Folding Shower/Dressing Area Seat	3	EACH	0	0
Folding Accessbile Shower Seat	1	EACH	0	0
Mirrors				0

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Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Mirror 24"x36" w/ Stainless Steel Channel	4	EACH	0	0
Mop Holders				0
Surface-Mounted Mop/Broom Holder	1	EACH	0	0
Manufacturers				0
GOJO	1	SCOPE	0	0
TORK	1	SCOPE	0	0
Grainger	1	SCOPE	0	0
Bobrick	1	SCOPE	0	0
Miscellaneous Specialties Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
10.08 - SIGNAGE	0	EACH		4,775.00
00 - General	0	EACH		4,775.00
Subcontractor				4,775.00
Signage Sub Bid	1	LS	4,775.00	4,775.00
01 - Gym Renovations	0	EACH		0
Spec Sections				0
10 14 23.16 - Room Identification Panel Signage	1	SCOPE	0	0
Interior Signage				0
Locker Room Signage - 7" x 9"	1	EACH	0	0
Janitor Signage - 7" x 9"	1	EACH	0	0
Restroom Signage - 7" x 9"	1	EACH	0	0
GYM Signage - 7" x 9"	1	EACH	0	0
Wash Room Signage - 7" x 9"	1	EACH	0	0
GYM Signage - 7" x 9"	1	EACH	0	0
Bathroom Signage - 7"x9"	1	EACH	0	0
Signage Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Manufacturers				0
ASI Sign System, Inc	1	SCOPE	0	0
Takeform	1	SCOPE	0	0
FSGS	1	SCOPE	0	0
Division 22 - Plumbing				448,063.00
22.00 - PLUMBING / HVAC TURNKEY	0	FIXTURE		448,063.00
00 - General	0	FIXTURE		448,063.00
Subcontractor				448,063.00
Plumbing / HVAC Sub Bid	1	LS	448,063.00	448,063.00
01 - Gym Renovations	0	FIXTURE		0
Spec Sections				0
22 05 13 - Common Motor Requirements for Plumbing Equipment	1	LS	0	0
22 05 16 - Expansion Fitting and Loops for Plumbing Piping	1	LS	0	0
22 05 17 - Sleeves and Sleeves Seals for Plumbing	1	LS	0	0
22 05 23 - General Duty Valves for Plumbing Piping	1	LS	0	0
22 05 29 - Hangers and Supports for Plumbing Piping and Equipment	1	LS	0	0
22 05 53 - Identificaiton for Plumbing Piping and Equipment	1	LS	0	0
22 07 16 - Plumbing Equipment Insulation	1	LS	0	0
22 07 19 - Plumbing Piping Insulation	1	LS	0	0
22 07 19.11 - Under-Lavatory Pipe and Supple Covers - Plumberex	1	LS	0	0
22 10 05 - Plumbing Piping	1	LS	0	0
22 10 06 - Plumbing Piping Specialties	1	LS	0	0
22 11 23 - Domestic Water Pumps	1	LS	0	0
22 30 23 - Plumbing Equipment	1	LS	0	0
22 40 00 - Plumbing Fixtures	1	LS	0	0
Demo Building Plumbing				0
Demo Lavatory/Sink - Womens	3	EACH	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Demo Lavatory/Sink - Mens	3	EACH	0	0
Demo Water Closet - Womens	3	EACH	0	0
Demo Water Closet and Urinals - Mens	5	EACH	0	0
Demo Shower - Womens	3	EACH	0	0
Demo Shower - Mens	3	EACH	0	0
Demo Water Heater - P27/AD1.01	2	EACH	0	0
Demo Water Piping - Womens Restroom - Cut/Cap at Crawlspace/Chase/ HVAC Room - PD	387	LF	0	0
Demo Water Piping - Mens	484	LF	0	0
Demo Sanitary/Vent Piping - Womens - Cut/Cap at Crawlspace/Chase	156	LF	0	0
Demo, Cap, Drop (Equip, Fixtures, Piping), Division 2 Haul Off	1	SCOPE	0	0
Demo Sanitary Piping - Below Slab - Mens - P3/PUD1.00	98	LF	0	0
Sawcut for Below Slab Sanitary - Mens - P26/PUD1.00	120	LF	0	0
Sawcut for New Below Slab Sanitary - Mens Showers - Ref PU1.01	100	LF	0	0
Demo Sanitary/Vent Piping - Above Ground - Mens	168	LF	0	0
Cut/Cap Sanitary - Abandon in Place (Sinks, Showers, Toilets, Floor Drain, Mop Sink) - P4/P	11	EACH	0	0
X-Ray Concrete Prior To Sawcutting/Coring	1	LS	0	0
Domestic Water Piping				0
K-Cu Dist. Piping 3/4"	427	LF	0	0
K-Cu Dist. Piping 1-1/4"	143	LF	0	0
K-Cu Dist. Piping 1 1/2"	56	LF	0	0
K-Cu Dist. Piping 2"	95	LF	0	0
Domestic Water Type K - Ref. Spec 22 10 05 - Plumbing Piping - Specification Supercedes P	1	SCOPE	0	0
Domestic Water Type L - Ref. P0.02 - Plumbing Piping Schedule - Exclude Type L	1	SCOPE	0	0
K-Cu Dist. Piping 1"	28	LF	0	0
Cleanouts & Specialties				0
Water Hammer Arrestors 3/4" - All Water Drops	22	EACH	0	0
TMV-1 - Thermo Mixing Valves - All Sinks, Showers, Mop Sink - Leonard 107-LF-BP-BRKT	9	EACH	0	0
Sanitary Waste & Vent Piping				0
C.I. Waste & Vent Above Ground 2"	308	LF	0	0
C.I. Waste & Vent Above Ground 3"	135	LF	0	0
C.I. Waste & Vent Above Ground 4"	185	LF	0	0
C.I. Waste & Vent Underground 2"	147	LF	0	0
Condensate Piping/Pumps				0
L-Cu Piping 3/4"	45	LF	0	0
P-Trap Assembly - M27/M3.01 Ref Detail 4/M5.00	1	EACH	0	0
Piping Insulation				0
1" Fiberglass Insulation With All Service Jacket - Ref. Pipe Insulation Schedule P0.02	1	SCOPE	0	0
Piping Insulation - Fiberglass With All Service Jacket - 1" Wall - 3/4" Pipe	427	LF	0	0
Piping Insulation - Fiberglass With All Service Jacket - 1" Wall - 1" Pipe	28	LF	0	0
Piping Insulation - Fiberglass With All Service Jacket - 1" Wall - 1-1/4" Pipe	143	LF	0	0
Piping Insulation - Fiberglass With All Service Jacket - 1" Wall - 1-1/2" Pipe	56	LF	0	0
Piping Insulation - Fiberglass With All Service Jacket - 1" Wall - 2" Pipe	95	LF	0	0
Fixtures, Drains, Connections				0
FD1 - Floor Drain - (4"-5") Cast Iron - Jay R Smith 2005Y-A06NB-AHP	4	EACH	0	0
FD2 - Shower Drain (4"-5") Cast Iron - Jay R Smith 330-Y02	4	EACH	0	0
FS1 - Floor Sink, Cast Iron - Jay R Smith 3100Y-04-12-C-U-CI	1	EACH	0	0
MS1 - Mop Sink - Precast Terrazzo 24"x24"x10" - Stern Williams MTB 2424-V-70	1	EACH	0	0
Connections - Connect to Existing 3" Vent - Located In Chase Behind Shower 2 - P2.01	1	EACH	0	0
Connections - Connect to Existing 2" Water Line - Located By Water Heaters - P2.01	1	EACH	0	0
Connections - Connect to Existing 2" Vent - Located Above Mens Shower 2 - P2.01	1	EACH	0	0
Connections - Connect to Water Heaters	2	EACH	0	0
Connections - Connect to Water Softener	1	EACH	0	0
Connections - Connect to Existing 1-1/4" Existing Hot Water Line - Located By Water Heaters	1	EACH	0	0
L1 - Counter Undermount Lavatory - American Standard Ovalyn	4	EACH	0	0
WC1 - Water Closet, Flr Mntd, Flush Valve - American Standard Sloan	4	EACH	0	0
SH-1 - Shower Head & Trim - Tile Showers - Leonard 76-1A Showermaster 7600	1	EACH	0	0
SH-2 - Shower Head & Trim - Tile Showers - Leonard 76-1A Showermaster 7600	3	EACH	0	0
Trap Primers - Mop Sink - 21/P2.01	1	EACH	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS**Project No. P476 / Vaughn Project No. 3161-01****ESTIMATE DETAIL****VAUGHN**

	Quantity Unit	Rate	Total
Water Softeners			0
Packaged Water Softener 30 GPM	1 EACH	0	0
Water Heaters			0
Elec Wh, Commercial, 119 Gal, 280V, 70 GPH	2 EACH	0	0
Domestic Water Heat Exchangers			0
HW Circulation Pump - 28 GPM	1 EACH	0	0
Other Plumbing			0
Leak Detection Sensors	3 EACH	0	0
Leak Detection Smart Base W/ BMS	1 EACH	0	0
Leak Detection Cable at Cove Base - P32 3/A5.02	68 LF	0	0
Leak Detection Cable Between Tile and Rubber Floor - P33 4/A5.02	13 LF	0	0
Leak Detection Cable at Sawcut Slab - P34	172 LF	0	0
Leak Detection - Valve Controller Watts DT-553, DT505-2 - P17	4 EACH	0	0
Plumbing Scope Items			0
Piping Sleeves & Seals - Galvanized Steel - RFI Response 119	1 SCOPE	0	0
Badging	1 SCOPE	0	0
Prevailing Wages	1 SCOPE	0	0
OSHA 10 Person on Site - Foreman	1 SCOPE	0	0
Nameplates (Control Panels, Transducers, Pumps, Tanks, Softeners) - Ref Spec 220553	1 SCOPE	0	0
Stencil (Piping 3/4" and higher, Heat Exchangers, Water Heaters, Recirc Pumps) - Ref Spec	1 SCOPE	0	0
Tags (Piping 3/4" and smaller, Control Valves, Equip Products) - Ref Spec 220553	1 SCOPE	0	0
Under-Lavatory Pipe Covers - Ref Spec - 220719.11	1 SCOPE	0	0
Exclude Water Fountains - Called for in 224000 - Plumbing Fixtures Not on Schedule	1 SCOPE	0	0
Exclude Electric Water Coolers - Called for in 224000 - Plumbing Fixtures Not on Schedule	1 SCOPE	0	0
Firestop Own Penetrations	1 LS	0	0
Plumbing Work Typically Excluded			0
Saw Cut/Patch Trench - Sanitary - P3/PUD1.00 & PU1.01	220 LF	0	0
Sawcut - Leak Detection - Note P34/P2.01	172 LF	0	0
Patch Floor Penetration - Sanitary - 11 EA - Note P4/PUD1.00	44 SF	0	0
MEP Pad - Water Softener 4"	1 SCOPE	0	0
Spec Sections			0
23 05 13 - Common Work Results For HVAC	1 SCOPE	0	0
23 05 17 - Sleeves and Sleeve Seals for HVAC Piping	1 SCOPE	0	0
23 05 23 - General Duty Valves for HVAC Piping	1 SCOPE	0	0
23 05 29 - Hangers and Supports for HVAC Piping and Equipment	1 SCOPE	0	0
23 05 48 - Vibration and Seismic Controls for HVAC	1 SCOPE	0	0
23 05 53 - Identification for HVAC Piping and Equipment	1 SCOPE	0	0
23 05 93 - TAB	1 SCOPE	0	0
23 07 13 - Duct Insulation	1 SCOPE	0	0
23 07 19 - HVAC Piping Insulation	1 SCOPE	0	0
23 08 00 - Commissioning of HVAC	1 SCOPE	0	0
23 21 13 - Hydronic Piping	1 SCOPE	0	0
23 21 14 - Hydronic Specialties	1 SCOPE	0	0
23 31 00 - HVAC Ducts and Casings	1 SCOPE	0	0
23 33 00 - Air Duct Accessories	1 SCOPE	0	0
23 34 23 - HVAC Power Ventilators	1 SCOPE	0	0
23 37 00 - Air Outlets and Inlets	1 SCOPE	0	0
32 82 19 - Fan Coil Units	1 SCOPE	0	0
Building HVAC Demo			0
Demo Building HVAC - Make Safe and Drop (Removal by Others)	3,000.00 SF	0	0
Demo Supply Ductwork	127 LF	0	0
Demo FCU	1 EACH	0	0
Demo Outside Air Fan	1 EACH	0	0
Demo Exhaust Fan	2 EACH	0	0
Demo Outside Air Ductwork	52 LF	0	0
Demo Cut Existing CHS/CHR Piping	4 EACH	0	0
Demo CHS/CHR Piping	100 LF	0	0
Cut Existing Opening (By Masons) to Accomodate New Louver - M9 - By Div 4	1 SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity Unit	Rate	Total
Test & Balance			
Test & Balance By HVAC Subcontractor	3,000.00 SF	0	0
Pre-Reading Before Demolition of Existing System	3,000.00 SF	0	0
Building HVAC Controls			
Sensor - Humidity	2 EACH	0	0
Sensor - TStat	2 EACH	0	0
Sensor - Static Pressure Sensor - M30/M2.01 - At OA and Supply Fan	1 EACH	0	0
Interlock Smoke Motoized Dampers with Fire Alarm - M29/M2.01	4 EACH	0	0
Interlock Exhaust Fan with FCU's - M28/M2.01	1 EACH	0	0
Tie Into Existing System	1 LS	0	0
Controls by Automated Logic	1 SCOPE	0	0
Chilled Water Piping			
1" L-Hard Copper - Branch to FCU	20 LF	0	0
1" L-Hard Copper - Downsize After FCU Branches	20 LF	0	0
2" L-Hard Copper - Downsize After FCU Branches	60 LF	0	0
Piping Connections			
Connect Chilled Water Return	2 EACH	0	0
Connect Chilled Water Supply	2 EACH	0	0
Supply, Return, & Exhaust Duct			
Galvanized Rectangular Duct - Supply	1,531.00 LB	0	0
Galvanized Rectangular Duct - Exhaust	567 LB	0	0
Galvanized Rectangular Duct - Return	567 LB	0	0
Galvanized Rectangular Duct - Outside Air	372 LB	0	0
Galvanized Spiral Duct - Supply	717 LB	0	0
Galvanized Spiral Duct - Outside Air	1,336.00 LB	0	0
Duct & Piping Insulation			
Duct Insulation - Blanket - 2" - 1.5#/CF Density - Supply	688 SF	0	0
Duct Insulation - Blanket - 2" - 1.5#/CF Density - Exhaust	216 SF	0	0
Duct Insulation - Blanket - 2" - 1.5#/CF Density - Return	178 SF	0	0
Duct Insulation - Blanket - 2" - 1.5#/CF Density - Outside Air	623 SF	0	0
Include Duct Liner at Exposed Ductwork Locations	1 SCOPE	0	0
Flexible Duct			
8" Diameter - Gym Diffusers - 14 EA	112 LF	0	0
8" Diameter - Security Diffusers - 1 EA	8 LF	0	0
Air Distribution Devices			
B - Sidewall Return Grille - 54x16 - Sizing Changed in Addendum 3	1 EACH	0	0
A - S.S. Supply Diffusers - 24x24	4 EACH	0	0
C - S.S. Supply Diffusers - 12x12 - Not Used	0 EACH	0	0
D - Exhaust Registers - 48x24	10 EACH	0	0
E - S.S. Supply Register - 14x6	6 EACH	0	0
F - S.S. Supply Diffusers - 12x6 - Not Used	0 EACH	0	0
Fire Dampers	4 EACH	0	0
Fire Dampers - Motorized	4 EACH	0	0
Air Distribution Accessories			
24x54 Louver (Changed from 54x24 Louver in Addendum 3)	9 SF	0	0
Sawcut Opening for Larger Louver M9/M2.01 by Others - Coordinate with Div 4)	1 LS	0	0
Lintel Above Louver Opening (Provided by Steel, Installed by Masons) - 2/S2.01	1 SCOPE	0	0
Exhaust & Return Fans			
General Exhaust Fans	800 CFM	0	0
Supply/Make Up Fan - FCU1&2	2,000.00 CFM	0	0
Fan Coil Units			
Fan Coil Units - Ceiling Mounted 1315 CFM	2 EACH	0	0
Manufacturer Updated - Addendum 3 to IEC	1 SCOPE	0	0
CFM Dropped from 1400 to 1315 - Addendum 3	1 SCOPE	0	0
Miscellaneous HVAC Scope			
Badging	1 SCOPE	0	0
Prevailing Wages	1 SCOPE	0	0
OSHA 10 Person on Site - Foreman	1 SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Firestop Own Penetrations	1	LS	0	0
Division 26 - Electrical				629,005.00
26.01 - ELECTRICAL	0	SF		582,333.00
00 - General	0	SF		582,333.00
Electrical Subcontractor				582,333.00
Electrical Sub Bid	1	LS	582,333.00	582,333.00
01 - Gym Renovations	0	SF		0
Spec Sections				0
Spec Section 26 51 00 - Interior Lighting	1	SCOPE	0	0
Spec Section 26 05 29 - Hangers And Supports For Electrical Systems	1	SCOPE	0	0
Spec Section 26 24 16 - Panel Boards	1	SCOPE	0	0
Spec Section 26 05 05 - Selective Demolition For Electrical	1	SCOPE	0	0
Spec Section 26 05 33.13 - Conduit For Electrical Systems	1	SCOPE	0	0
Spec Section 26 27 26 - Wiring Devices	1	SCOPE	0	0
Spec Section 26 05 19 - Low-Voltage Electrical Power Conductors And Cables	1	SCOPE	0	0
Spec Section 26 05 33.16 - Boxes For Electrical Systems	1	SCOPE	0	0
Spec Section 26 28 13 - Fuses	1	SCOPE	0	0
Spec Section 26 05 26 - Grounding And Bonding For Electrical Systems	1	SCOPE	0	0
Spec Section 26 05 53 - Identification For Electrical Systems	1	SCOPE	0	0
Spec Section 26 28 16.16 - Enclosed Switches	1	SCOPE	0	0
Electrical Demo				0
Electrical Demo & Electrical Make Safe Of Existing Exhaust Fans (2), Fan Coil Unit, And Supl	3,100.00	SF	0	0
Feeders - Conduit w/ Wire				0
3/4" Emt 8/12 Strut	2,195.00	LF	0	0
Branch Circuiting				0
120V Duplex Outlet	13	EACH	0	0
120V GFI Duplex Outlet - Normal Power	6	EACH	0	0
Wall Mounted Occ. Sensors	1	EACH	0	0
Ceiling Mounted Occ. Sensors	4	EACH	0	0
Dimmers	1	EACH	0	0
Automatic Flush Valve J-Box w/ Conduit & Wire	4	EACH	0	0
Leak Detection Sensor J-Box w/ Conduit & Wire	4	EACH	0	0
Leak Detection Valve Conctroller J-Box w/ Conduit & Wire	4	EACH	0	0
Single Switches	2	EACH	0	0
Add For Dedicated/Homerun Circuit	8	EACH	0	0
Low Voltage Rough-In				0
AV Rough-In	2	EACH	0	0
Data Rough-In	1	EACH	0	0
T-Stat Rough-In	1	EACH	0	0
Fire Alarm Conduit & Back Boxes	850	SF	0	0
Light Fixtures				0
Type A 2'x2' Recessed Light Fixture	12	EACH	0	0
Type B 6" Recessed Downlight	12	EACH	0	0
Type D Vanity Light Fixture	5	LF	0	0
Type X1 Wall Mounted Exit Sign	2	EACH	0	0
Type X Ceiling Mounted Exit Sign	1	EACH	0	0
Type X2 Bugeye Emergency Light	6	EACH	0	0
Type C1 4' Linear	18	EACH	0	0
Type C2 2' Linear	18	EACH	0	0
Equipment Connections				0
FCU - 480V Connection w/ New Circuit Breakers	2	EACH	0	0
Fire/Smoke Damper Connection	4	EACH	0	0
Water Heater Disconnect/Reconnect	2	EACH	0	0
Hot Water Recirculating Pump Connection	1	EACH	0	0
115/60/1 Exhaust Fan Connection	1	EACH	0	0
115/60/1 Supply Fan Connection	1	EACH	0	0
Hot Water Recirculating Pump Disconnect	1	EACH	0	0
Motorized Damper Actuators 120V Connection - Incl Two for R.A.	6	EACH	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Electrical Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Labels For Receptacle And Switch Cover Plates - E9.00	1	SCOPE	0	0
Temp Power And Lighting	1	SCOPE	0	0
Remove Abandoned Wiring And Conduit To Source Of Supply - 260505-3.3-C	1	SCOPE	0	0
Aluminum Conductors Are Not Acceptable - 260519-2.2-G-1	1	SCOPE	0	0
Provide Bonding For Interior Metal Plumbing And Mechanical Piping Systems - 260526-2.1	1	SCOPE	0	0
Provide Bonding For Interior Metal Air Ducts - 260526-2.1-D-8	1	SCOPE	0	0
Perform Ground Electrode Resistance Tests - 260526-3.3-D	1	SCOPE	0	0
Firestop Sleeves - 260533.13-2.8-C	1	SCOPE	0	0
Engraved Wall Plates For All Receptacles - 260553-2.1-E-3	1	SCOPE	0	0
Plastic Nameplates At Each Source And Load Connection - 260553-2.2-A-2	1	SCOPE	0	0
White Wiring Devices With Stainless Steel Wall Plate - 262726-2.2-B	1	SCOPE	0	0
3-Year Manufacturer Warranty For Led Luminaires, Including Drivers - 265100-1.9-B	1	SCOPE	0	0
5-Year Pro-Rata Warranty For Batteries For Emergency Lighting Units - 265100-1.9-C	1	SCOPE	0	0
10-Year Warranty For Batteries For Self-Powered Exit Signs - 265100-1.9-D	1	SCOPE	0	0
Exclude Disconnects For Exhaust Fans, Supply Fans, And Fan Coil Units	1	SCOPE	0	0
Surface Mount Conduit/Boxes At Existing CMU	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Spec Sections				0
Spec Section 26 05 05 - Selective Demolition For Electrical	1	SCOPE	0	0
Spec Section 26 05 33.13 - Conduit For Electrical Systems	1	SCOPE	0	0
Spec Section 26 05 19 - Low-Voltage Electrical Power Conductors And Cables	1	SCOPE	0	0
Spec Section 26 05 33.16 - Boxes For Electrical Systems	1	SCOPE	0	0
Spec Section 26 05 26 - Grounding And Bonding For Electrical Systems	1	SCOPE	0	0
Spec Section 26 05 83 - Wiring Connections	1	SCOPE	0	0
Spec Section 26 05 29 - Hangers And Supports For Electrical Systems	1	SCOPE	0	0
Spec Section 26 24 16 - Panelboards	1	SCOPE	0	0
Spec Section 27 05 28 - Pathways For Communications Systems	1	SCOPE	0	0
Site Electrical				0
1" Site Conduit For Power To Gate	838	LF	0	0
1" Site Conduit For Power To Security Island	838	LF	0	0
2" Site Conduit For LV Access Control To Gate	838	LF	0	0
2" Site Conduit For LV Access Control To Security Island	1,341.00	LF	0	0
Remove Concrete Paving	4,017.00	SF	0	0
Flowable Fill	150	CY	0	0
20A, 1 Phase Circuit And Circuit Breaker For Gate Motor	2	EACH	0	0
24"x36"x12" Weather Proof Enclosures For Islands	2	EACH	0	0
20A, 1 Phase Circuit And Circuit Breaker For Island Security Panel/Devices - Carried As An /	2	EACH	0	0
Branch Circuiting				0
Power and Disconnect for Security Control Panel	1	EACH	0	0
Power For Mag Locks	2	EACH	0	0
Power For Mag Holds	2	EACH	0	0
120v Power For Delayed Egress	2	EACH	0	0
Low Voltage Rough-In				0
Rough-In For OH Vehicle Door Contacts	2	EACH	0	0
Rough-In For Exterior Security Cameras - Include Coring	6	EACH	0	0
Rough-In For Exterior Card Readers At Doors	3	EACH	0	0
Data Rough-In	10	EACH	0	0
AV Rough-In - Security Monitor	1	EACH	0	0
Security Rough-In	17	EACH	0	0
Duress Button Rough-In	13	EACH	0	0
Equipment Connections				0
Disconnect/Reconnect OH Vehicle Door	2	EACH	0	0
Electrical Scope Items				0
Remove Abandoned Wiring And Conduit To Source Of Supply - 260505-3.3-B	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Flexible Metal Conduit Fished In Existing Walls Is Acceptable - 260533.13-2.1-K	1	SCOPE	0	0
Seal Conduits Penetrating Waterproof Membrane - 260533.13-3.2-H-5	1	SCOPE	0	0
Aluminum Conductors Are Not Acceptable For This Project - 260519-2.2-H-1	1	SCOPE	0	0
1" Minimum Direct-Buried Rigid PVC Conduit For Below Grade - 260533.13-2.1-C	1	SCOPE	0	0
Fire Caulking For Electrical Penetrations - 260533.13-3.2-H-7	1	SCOPE	0	0
Foam Conduit Sealant At Exterior To Interior Conduit Transitions - 260533.13-3.2-J-1	1	SCOPE	0	0
Breakers To Match Same Manufacturer As Existing Equipment - 262416-2.1-A	1	SCOPE	0	0
Bonding And Grounding For Telecom/Data System - 270528-1.1-F-2	1	SCOPE	0	0
Labels For Receptacle And Switch Cover Plates - E9.00	1	SCOPE	0	0
Power For Electric Latch Retraction Panic Hardware - 281300-2.2-D-6-C	1	SCOPE	0	0
Pull String For Low Voltage, Data, Security Pathways - 270528-1.1-C	1	SCOPE	0	0
New Conduit To Be Provided And Installed In All Areas	1	SCOPE	0	0
Worker Badging	1	SCOPE	0	0
Prevailing Wage	1	SCOPE	0	0
OSHA 10 Certification	1	SCOPE	0	0
Temp Power	1	SCOPE	0	0
Hydro Excavation For Site Electrical Work	1	SCOPE	0	0
26.03 - FIRE ALARM	0	SF		46,672.00
00 - General	0	SF		46,672.00
Fire Alarm Subcontractor				46,672.00
Fire Alarm Sub Bid	1	LS	46,672.00	46,672.00
01 - Gym Renovations	0	SF		0
Fire Alarm				0
Temporarily Replace Smoke Detectors With Heat Detectors	1	SCOPE	0	0
Existing System Is JCI Simplex	1	SCOPE	0	0
Worker Badging	1	SCOPE	0	0
Prevailing Wage	1	SCOPE	0	0
OSHA 10 Certification	1	SCOPE	0	0
Duct Detector Wiring	2	EACH	0	0
Smoke Exhaust Interlocks/Wiring	2	EACH	0	0
Fire Damper Wiring	4	EACH	0	0
02 - Security Upgrades	0	SF		0
Fire Alarm				0
Door Mag Holder	2	EACH	0	0
Magnetic Door Holdopens	2	EACH	0	0
Fire Alarm Cabling And Integration To New Security Panel - 281300-2.2-D-1-F	1	SCOPE	0	0
Worker Badging	1	SCOPE	0	0
Prevailing Wage	1	SCOPE	0	0
OSHA 10 Certification	1	SCOPE	0	0
Fire Caulking	1	SCOPE	0	0
Existing System Is JCI Simplex	1	SCOPE	0	0
Wiring For Delayed Egress	2	EACH	0	0
Division 27 - Communications				16,004.00
27.01 - TELECOM/DATA	0	SF		16,004.00
00 - General	0	SF		16,004.00
Subcontractor				16,004.00
Tele/Data Sub Bid	1	LS	16,004.00	16,004.00
01 - Gym Renovations	0	SF		0
Horizontal Cabling/Distribution				0
Data Outlet - 1 Data Drop (Incl. Cabling, Connectors, Face Plate, Testing)	1	EACH	0	0
Data Scope Items				0
Worker Badging	1	SCOPE	0	0
Prevailing Wage	1	SCOPE	0	0
OSHA 10 Certification	1	SCOPE	0	0
02 - Security Upgrades	0	SF		0
Spec Sections				0
Spec Section 27 15 00 - Communications Horizontal Cabling	1	SCOPE	0	0
Spec Section 27 05 00 - Common Work Results For Communications	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Spec Section 27 05 28 - Pathways For Communications Systems	1	SCOPE	0	0
Horizontal Cabling/Distribution				0
Cat 6A Plenum Cable - Unshielded Twisted Pair (UTP) Cable, Color Blue	0	LF	0	0
Connectors @ Patch Panels	0	EACH	0	0
Patch Cord - (up to 10')	0	EACH	0	0
Data Scope Items				0
Data Cable And Termination From Network Switch Security Panel(s) - 281300-2.2-D-2-J	1	SCOPE	0	0
Metallic J-Hooks - 270528-1.1-D	1	SCOPE	0	0
Patching At Existing Network Switches - 270500-1.4-A-4-B	1	SCOPE	0	0
Labeling Format To Match Existing Formatting For Williamson County Systems - 270500-1.	1	SCOPE	0	0
Data Installation Foreman Must Be A BICSI Certified Technician - 270500-1.6-B-3	1	SCOPE	0	0
All Installation Members Must Have Completed BICSI Installer Level II Or Higher Training C	1	SCOPE	0	0
Fire-Stopping For Structured Cabling Work - 270500-3.5-A	1	SCOPE	0	0
STI EZ Paths In High Density Wiring Locations - 270500-3.5-N	1	SCOPE	0	0
Labeling For Cables, Outlet Covers, And Patch Panels - 270500-3.7-A	1	SCOPE	0	0
J-Hooks Cannot Be Attached To Ceiling Grid Support System - 270528-2.2-C	1	SCOPE	0	0
Velcro Tie Wraps For Cable Organization - 270528-3.1-K	1	SCOPE	0	0
Labels For Fire Stopping On TR Walls. Label Includes: Name Of Manufacturer, Part & Mode	1	SCOPE	0	0
Commscope Twenty-Five (25) Year Systimax Solutions Extended Product Warranty - 27150	1	SCOPE	0	0
Modular Jacks Shall Be 8 Pin-8 Conductors, Non-Keyed - 271500-2.7-B	1	SCOPE	0	0
MGS600-318 Blue Data Jacks - 271500-2.7-E	1	SCOPE	0	0
360-E-Mod-1U Or 360-E-Mod-2U Modular Patch Panels - 271500-2.8-B	1	SCOPE	0	0
Minimum Of 10-Foot Service Loop For Every Horizontal Cable - 271500-3.1-E	1	SCOPE	0	0
Minimum Of 5-Foot Service Loop At Telecommunications/Data Rooms - 271500-3.1-G	1	SCOPE	0	0
Testing - 271500-3.2	1	SCOPE	0	0
One Hundred Percent Of The Installed Cabling Links Must Be Tested And Must Pass - 27150	1	SCOPE	0	0
Network Switches By Owner	1	SCOPE	0	0
Worker Badging	1	SCOPE	0	0
Prevailing Wage	1	SCOPE	0	0
OSHA 10 Certification	1	SCOPE	0	0
Division 28 - Electronic Safety and Security				103,862.00
28.01 - SECURITY	0	EACH		103,862.00
00 - General	0	EACH		103,862.00
Subcontractor				103,862.00
Security Sub Bid	1	LS	103,862.00	103,862.00
02 - Security Upgrades	0	EACH		0
Spec Sections				0
Spec Section 28 13 00 - Security And CCTV Systems	1	SCOPE	0	0
Access Control				0
Security Control Panel W/ Power Supply - Gate Islands	2	EACH	0	0
Security Control Panel W/ Power Supply - Security Gate	2	EACH	0	0
Duress Alarm Panel - Bailiff Station - Remove and Install New	1	EACH	0	0
Door Alarms	3	EACH	0	0
Door Contacts (Includes Overhead Vehicle Doors)	7	EACH	0	0
Exterior Card Readers	10	EACH	0	0
Interior Card Readers	2	EACH	0	0
Fiber Optic Cable Converters W/ Power Supplies	8	EACH	0	0
Duress Button	13	EACH	0	0
Fiber Optic Cable - Single Mode	994	LF	0	0
Delayed Egrees Mag Locks w/ Status Bar Indicator	2	EACH	0	0
Cat6A Cable - Systimax Cat6A, Yellow Jacket	5	EACH	0	0
Electronic Surveillance				0
Exterior Camera Demo	1	EACH	0	0
Intercom Call Stations W/ Gooseneck At Islands	2	EACH	0	0
RFID Stations W/ Gooseneck At Islands	2	EACH	0	0
Island Gate Intercom Master Station W/ Remote Release	1	EACH	0	0
Admin Office Intercom Master Station	12	EACH	0	0
Exterior Multidirectional IP CCTV Security Cameras w/ Mounting Hardware	6	EACH	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity Unit	Rate	Total
Wire & Cable For Video Surveillance (500 LF Signal And LV Power)	6 EACH	0	0
On-Site Network Digital Video Surveillance Recording System (Includes Recording Units An	1 EACH	0	0
Security Scope Items			0
Cabling Between Media Converters, Devices, and Head End Equipment - 281300-1.6-H	1 SCOPE	0	0
Samples To Include Card Readers, Cameras, Communications Devices, And Other Similar S	1 SCOPE	0	0
Two (2) Year Warranty On Security Equipment And Labor (Includes Software And Virtual I	1 SCOPE	0	0
Readily Available Inventory Of Security Equipment Spare Parts, Materials, Consumables, A	1 SCOPE	0	0
Security Cabling (SCP To Doors & Door Hardware, SCP To Input Module, SCP To Output Mc	1 SCOPE	0	0
All Alarm And CCTV Devices Shall Be Accessed And Controlled Through Remote Workstati	1 SCOPE	0	0
The Owner Will Provide ACMS Workstations - 281300-2.2-D-1-I	1 SCOPE	0	0
Tamper Switches At Security Control Panels - 281300-2.2-D-3-E	1 SCOPE	0	0
Alarm Input And Output Modules W/ Cabling - 281300-2.2-D-4-A	1 SCOPE	0	0
Lockable Enclosures For Power Supplies, Modules, And Control Panels - 281300-2.2-D-4-A	1 SCOPE	0	0
Reader Interface Modules Are Not Required - 281300-2.2-D-5-B	1 SCOPE	0	0
Electric Locking Devices, Electromechanical Releases, And Relays - 281300-2.2-D-6-A	1 SCOPE	0	0
Clear "Stopper" Covers For Emergency Door Release Switches. BOD RCI 904P B (Blue, Wall	1 SCOPE	0	0
Velcro Straps For Cable Organization - 281300-2.3-A-3	1 SCOPE	0	0
Concealed Power Transfer Devices For Electrified Door Hardware - 281300-2.3-F-6	1 SCOPE	0	0
Fire Override Relay For Power Distribution Boards For Fail Safe Locks - 281300-2.3-CC-F-4	1 SCOPE	0	0
Network POE Cabling For The Security Camera, Video Monitoring, And Video Recording Sy	1 SCOPE	0	0
Rack Mounted LCD Monitor, Keyboards, Mouse With KMM Switch Capable Of Supporting	1 SCOPE	0	0
Licenses To Support The Project'S Specified Camera Count Plus A 10% Allowance - 281300	1 SCOPE	0	0
The Network Video Recorder Software Must Include Driver Support For Analog Cameras U	1 SCOPE	0	0
Rack-Mount Chassis For Video Recording Unit(S) - 281300-2.5-D-16	1 SCOPE	0	0
Motion Detection Analytics For Camera System - 281300-2.5-F-1	1 SCOPE	0	0
Interface Digital Video Recording Unit(S) With The Owner's CCure 9000 Security System - 2	1 SCOPE	0	0
"Provide, Install, And Configuring The Latest Software Version For All Systems Required T	1 SCOPE	0	0
Programming And Data Entry For The Access Control System - 281300-3.2-D-1	1 SCOPE	0	0
Integration Between Security Camera System And Access Control System (Ex. Invalid Card	1 SCOPE	0	0
Labeling For Access Control And Security Camera Devices, Cable, Components, Equipment,	1 SCOPE	0	0
UPS For Security System And Camera System With 12 Hours Of Operation - 281300-3.10-A	1 SCOPE	0	0
Lockdown Control and New Access Control Hardware for Doors XB001, XB014, And B038	1 SCOPE	0	0
Lockdown Control for Doors XB000, B000, B030, And Exterior Door At Foyer X1001	1 SCOPE	0	0
Card Reader & Door Contact For Doors S0009A & S0009B	1 SCOPE	0	0
Local and System Alarms For Doors N1065A And N1065B	1 SCOPE	0	0
Push Button For Campus Lockdown	1 SCOPE	0	0
Worker Badging	1 SCOPE	0	0
Prevailing Wage	1 SCOPE	0	0
OSHA 10 Certification	1 SCOPE	0	0
Sealant For Penetrations - Fire Caulking And Acoustical	1 SCOPE	0	0
NVRs To Allow For Storage Of 31 Days Of Video Recording	1 SCOPE	0	0
Approved Subcontractors			0
Security Control Panel - Software House. BOD iStar Ultra G2	1 SCOPE	0	0
Card Reader - Software House, HID, Wavelynx. BOD S.H. Multi Technology Card Readers	1 SCOPE	0	0
RFID - HID, Falcon	1 SCOPE	0	0
Electro - Mechanical Lockset - Stanley Best	1 SCOPE	0	0
Integrated Electro - Mechanical Lockset - Sargent, Corbin Russwin, McKinney, Assa Abloy	1 SCOPE	0	0
Electro - mechanical exit devices - Von Duprin	1 SCOPE	0	0
Mag Lock - Rutherford Controls, Schlage	1 SCOPE	0	0
Delayed Egress Locking Device - Schlage, Vonduprin	1 SCOPE	0	0
Tamper Switch - Honeywell, Flair, GE Security	1 SCOPE	0	0
Door Position Switch - GE Security, Flair, George Risk Industries (GRI)	1 SCOPE	0	0
Duress Button - United Security Products, STI, Alarm Controls	1 SCOPE	0	0
Lockdown or other event Control Button - Dortonics, STI	1 SCOPE	0	0
Door Control Panel/Release Button - Assa Abloy, Securitron, RCI, Alarm Controls	1 SCOPE	0	0
Gate Control Panel - Securitron	1 SCOPE	0	0
Fiber Converters - Lantronics	1 SCOPE	0	0
Video Intercom Station - Axis, Aiphone	1 SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Gate Island Intercom - Axis	1	SCOPE	0	0
Security Control Panel Power Supply - Software House, Alarm - SAF, Altronix, Power-One. I	1	SCOPE	0	0
Security Camera - Axis	1	SCOPE	0	0
Network Video Recording System - American Dynamics	1	SCOPE	0	0
Cable - Belden, Southwest Wire, West Penn Wire	1	SCOPE	0	0
Division 31 - Earthwork				171,513.00
31.01 - EARTHWORK	0	SF		161,500.00
00 - General	0	SF		161,500.00
Subcontractor				161,500.00
EARTHWORK SUB BID	1	LS	161,500.00	161,500.00
02 - Security Upgrades	0	SF		0
Spec Sections				0
Spec Section 31 00 00 - Site Preparation	1	SCOPE	0	0
Spec Section 31 00 08 - Miscellaneous Work and Cleanup	1	SCOPE	0	0
Spec Section 31 10 00 - Site Clearing	1	SCOPE	0	0
Spec Section 31 30 00 - Grading and Drainage	1	SCOPE	0	0
Spec Section 32 12 16 - Hotmix Asphaltic Concrete Pavement	1	SCOPE	0	0
Paving Cut / Fill				0
Cut for Dumpster Pad/Apron	53	TCY	0	0
Cut for Asphalt Rear of Jail	63	TCY	0	0
Cut for Asphalt Front of Courthouse	38	TCY	0	0
Cut for Asphalt Courthouse Parking Island	40	TCY	0	0
Lime Stabilization				0
STABILIZE SUBGRADE 6" 7% @ Asphalt	299	SY	0	0
STABILIZE SUBGRADE 8" 7% @ Dumpster Pad	168	SY	0	0
All areas to receive fill or topsoil to be scarified to depth of 4" (31 30 00 3.4G)	1	SF	0	0
All fill to be in 6" lengths (31 30 00 3.4H)	1	SF	0	0
Fill to be compacted to no less than 95% max density. Compaction to extend no less than 5'	1	SF	0	0
Fill @ planting areas to be compacted to no less than 85% max density (31 30 00 3.5B)	1	SF	0	0
Miscellaneous Earthwork Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Base Materials				0
6" Limestone Base @ Asphalt	268	TON	0	0
Coarse Aggregate: Retained on #10 sieve. Stone, crushed gravel, or gravel (32 12 16 2.1A)	1	SCOPE	0	0
Fine Aggregate: Passing #10 sieve. Sand or Screenings (32 12 16 2.1A)	1	SCOPE	0	0
Asphalt Paving				0
Asphalt Paving - 2.5" Type D	2,850.00	SF	0	0
Asphaltic material shall meet the requirements of TXDOT item 300 (32 12 16 2.2A)	1	SCOPE	0	0
Asphaltic track coat shall be in accordance with TXDOT item 300 (32 12 16 2.2A)	1	SCOPE	0	0
Asphaltic mix shall be in accordance with TXDOT item 340 type D w/ lab density of 94.5% ±	1	SCOPE	0	0
Asphaltic material shall be 4-8% of the mixture by weight or 9-19% by volume	1	SCOPE	0	0
Mill and Overlay	7,311.00	SF	0	0
Prime Coat	2,850.00	SF	0	0
Prime Coat shall not be less than .2 Gallons per SY of MC-1 Asphalt (32 12 16 3.1B)	1	SCOPE	0	0
A bag sample and core/section will be obtained for each 200SY or portion of paving each d	1	SCOPE	0	0
Any pavement to be removed/replaced will be removed/replaced from curb to curb or edg	1	SCOPE	0	0
31.04 - SWPPP	0	LF		10,013.00
00 - General	0	LF		10,013.00
Subcontractor				10,013.00
Erosion Control Sub Bid	1	LS	10,013.00	10,013.00
02 - Security Upgrades	0	LF		0
Design & Implementation				0
Narrative Plan & Compliance Startup	1	EACH	0	0
Silt Fencing				0
Silt Fencing - Reinforced	232	LF	0	0
Inlet Protection				0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

ESTIMATE DETAIL

VAUGHN

	Quantity	Unit	Rate	Total
Inlet Protection Barriers	4	EACH	0	0
Other SWPPP Requirements				0
Remove SWPPP	1	LS	0	0
Maintenance of SWPPP				0
Storm Water Pollution Maintenance	6	MO	0	0
Mobilizations	2	EACH	0	0
SWPPP Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
Division 32 - Exterior Improvements				76,554.00
32.13 - LANDSCAPE & IRRIGATION	0	SF		21,319.00
00 - General	0	SF		21,319.00
Subcontractor				21,319.00
Landscape Sub Bid	1	LS	21,319.00	21,319.00
02 - Security Upgrades	0	SF		0
Spec Sections				0
Spec Sections 32 91 00 - Topsoil	1	SCOPE	0	0
Spec Sections 32 92 00 - Turfs and Grasses	1	SCOPE	0	0
Trees				0
Cut Down Tree Per Sheet C0.3	1	LS	0	0
Lawns & Grasses				0
Bermuda Sod	690	SF	0	0
Sod shall be moved to site and install within 24 hours of being harvested (32 92 00 2.1E)	690	SF	0	0
Sod shall be Celebration Bermuda (32 92 00 2.1I)	690	SF	0	0
Plant Preparation				0
Soil Mix	15	CY	0	0
Mulch	2	CY	0	0
Landscaping Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0
OSHA 10 Person on Site - Foreman	1	SCOPE	0	0
32.14 - STRIPING & SIGNS	0	EACH		55,235.00
00 - General	0	EACH		55,235.00
Subcontractor				55,235.00
Parking Lot Striping Sub Bid	1	LS	55,235.00	55,235.00
02 - Security Upgrades	0	EACH		0
Spec Sections				0
Spec Sections 32 17 23 - Pavement Markings	1	SCOPE	0	0
Pavement Markings shall conform to TXDOT D-9-8220 (32 17 23 2.1A)	1	SCOPE	0	0
Surfaces 3 years or older shall be sealed by paint type striping (32 17 23 3.3A)	1	SCOPE	0	0
Handicap Signs				0
HC Signs With Posts w/ Foundations	4	EACH	0	0
Wall Mounted HC Signs	2	EACH	0	0
Cleaning for Striping				0
Sand Blast Existing Lot	11,167.00	SF	0	0
Striping				0
Spaces	76	EACH	0	0
Hatchings	3,081.00	EACH	0	0
Emblems				0
Handicap Emblems	7	EACH	0	0
Lettering				0
Parking Numbers	82	EACH	0	0
Wheel Stops				0
Wheel Stops	17	EACH	0	0
Striping and Signs Scope Items				0
Badging	1	SCOPE	0	0
Prevailing Wages	1	SCOPE	0	0

WILLIAMSON COUNTY JUSTICE COMPLEX IMPROVEMENTS

Project No. P476 / Vaughn Project No. 3161-01

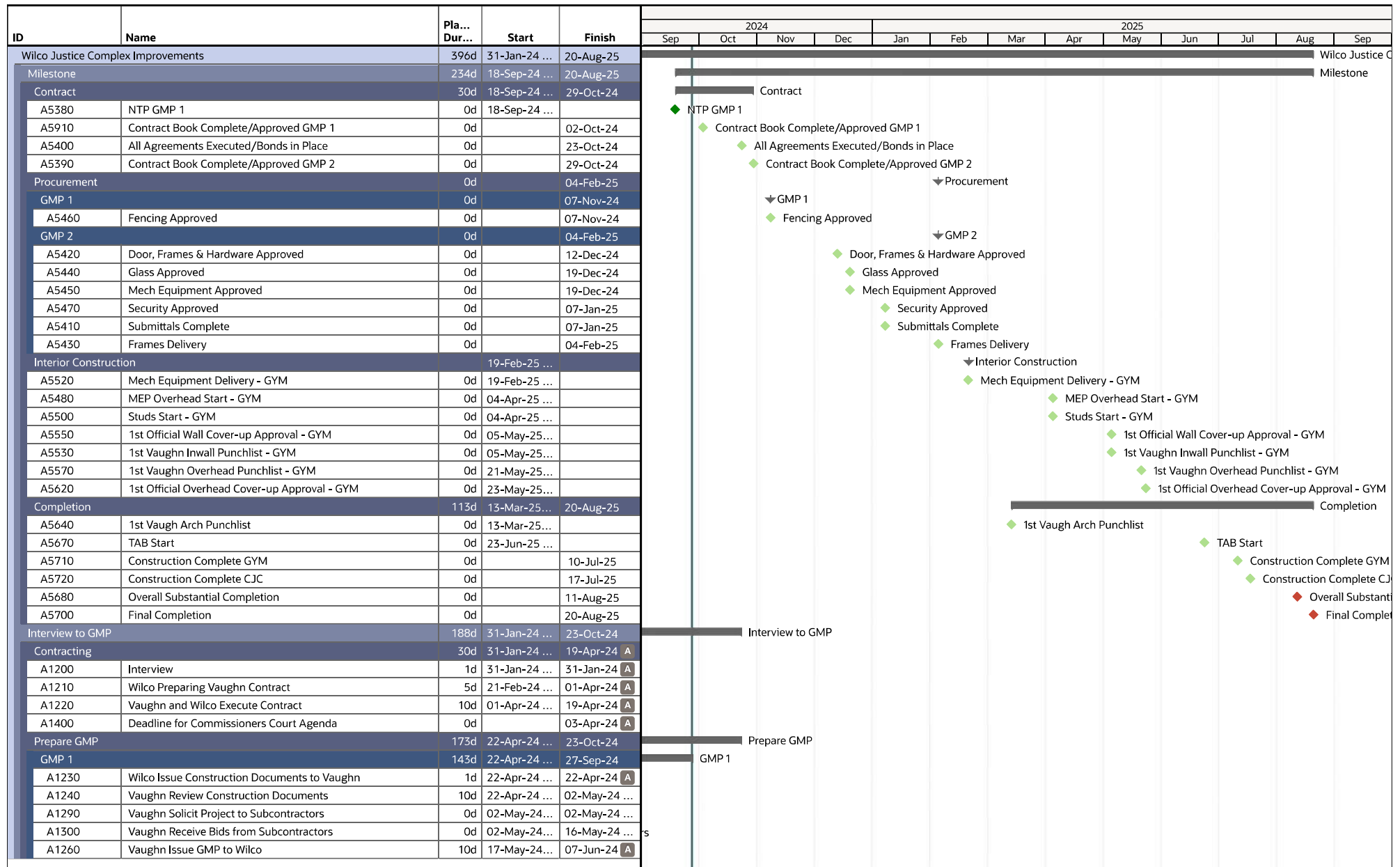
ESTIMATE DETAIL

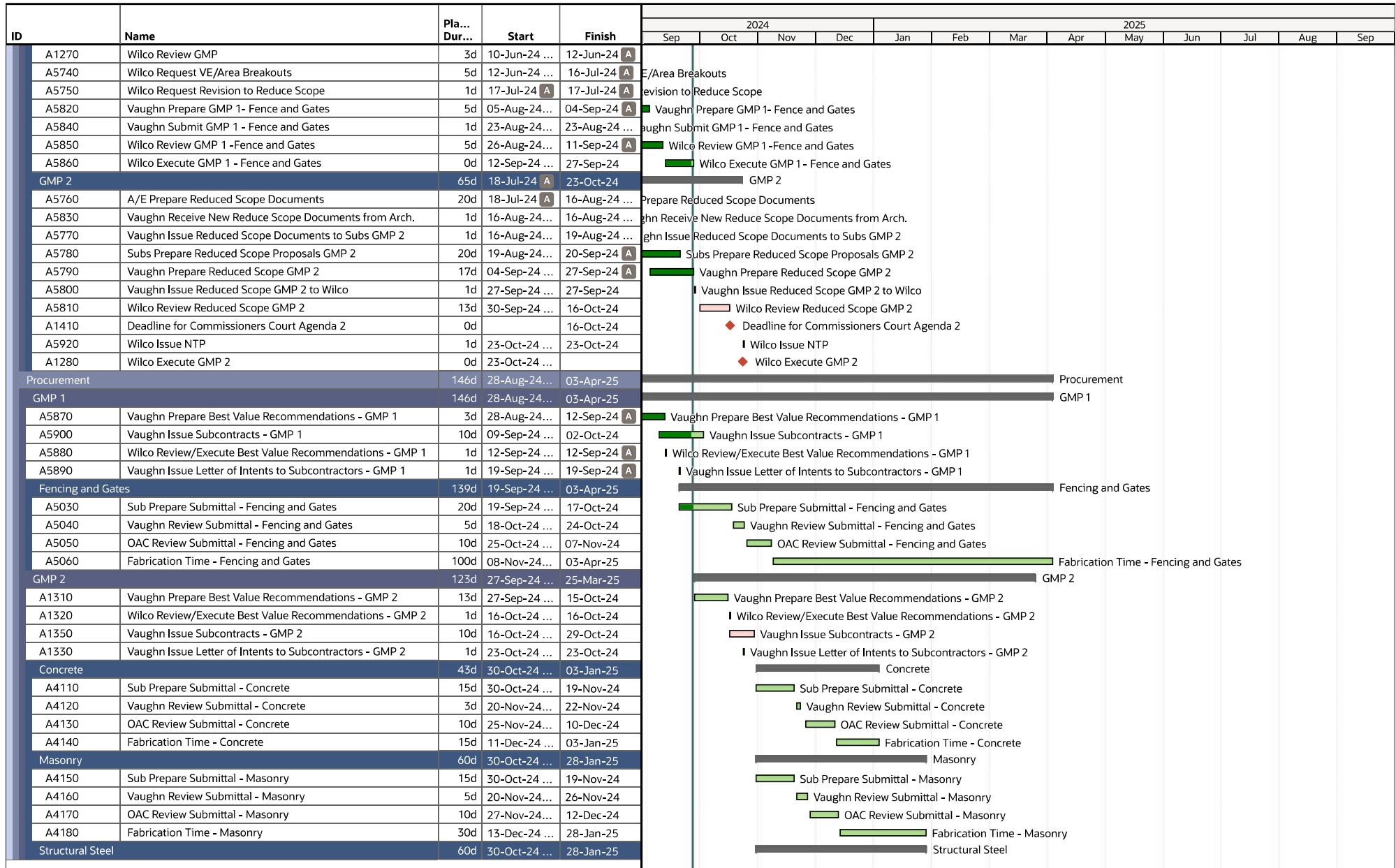


	Quantity Unit	Rate	Total
OSHA 10 Person on Site - Foreman	1 SCOPE	0	0
			2,585,653.00

TAB SEVEN

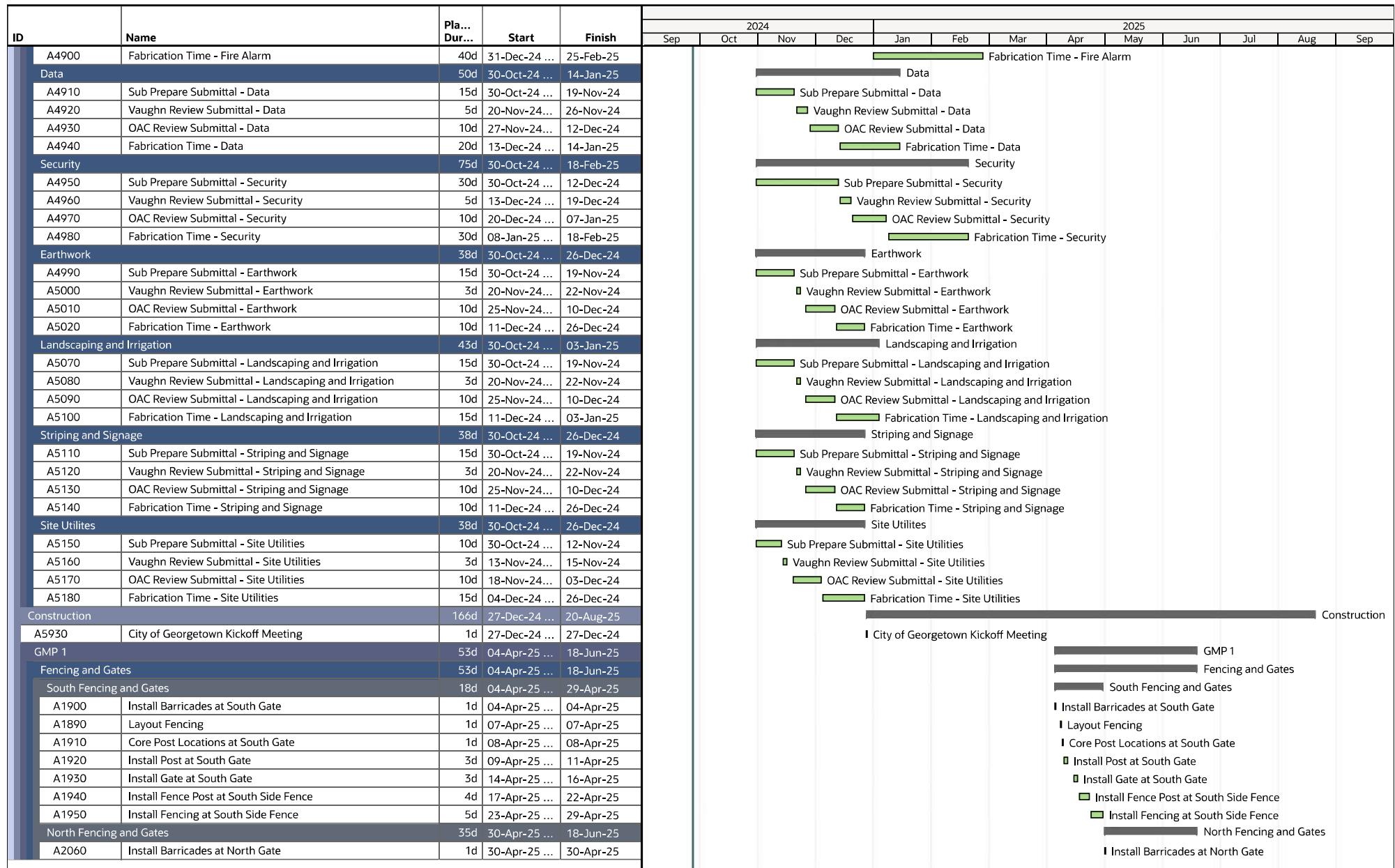






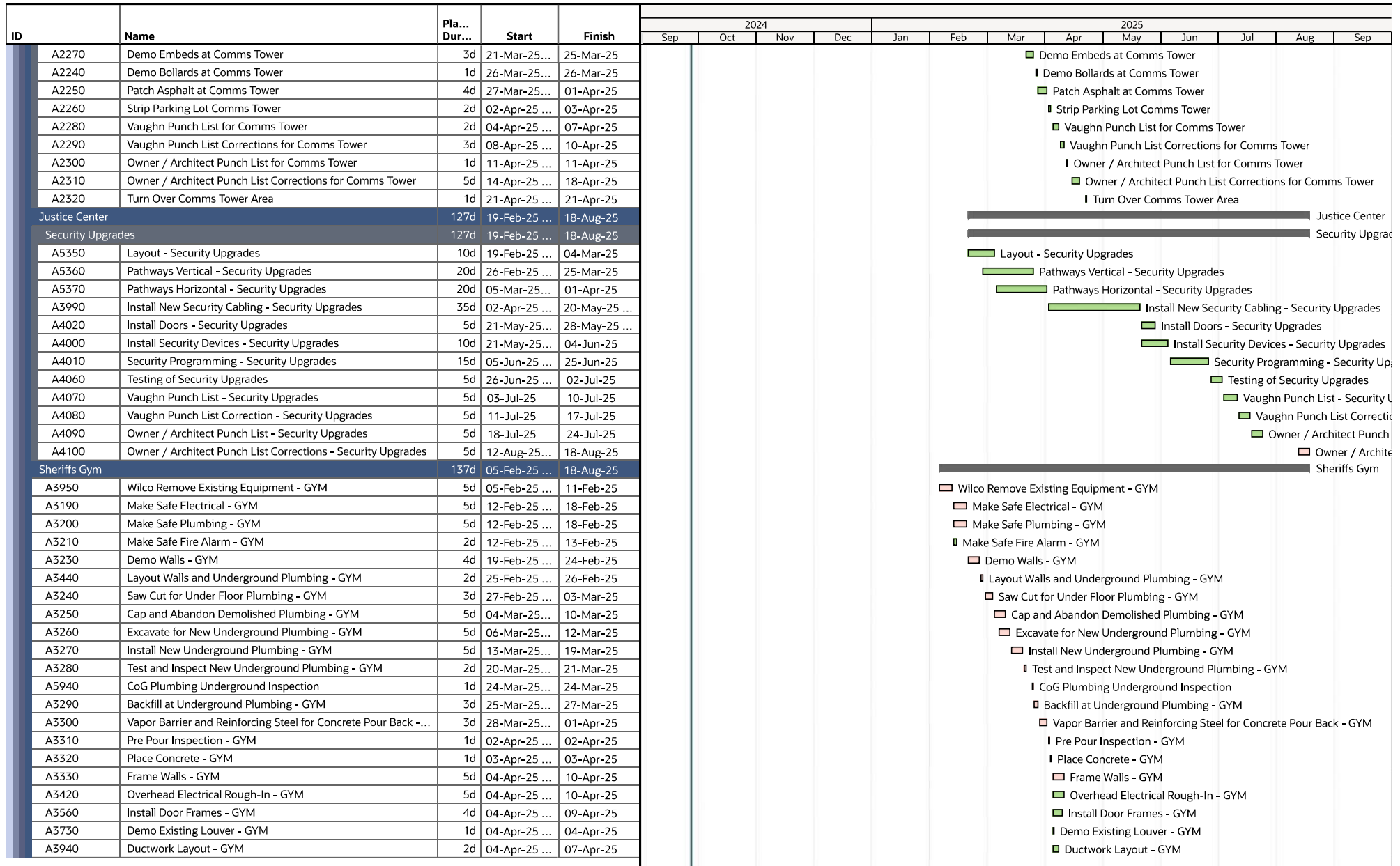
ID		Name	Pla... Dur...	Start	Finish	2024												2025											
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep											
	A4190	Sub Prepare Submittal - Structural Steel	15d	30-Oct-24 ...	19-Nov-24																								
	A4200	Vaughn Review Submittal - Structural Steel	5d	20-Nov-24...	26-Nov-24																								
	A4210	OAC Review Submittal - Structural Steel	10d	27-Nov-24...	12-Dec-24																								
	A4220	Fabrication Time - Structural Steel	30d	13-Dec-24 ...	28-Jan-25																								
	Architectural Millwork		68d	30-Oct-24 ...	07-Feb-25																								
	A4230	Sub Prepare Submittal - Architectural Millwork	20d	30-Oct-24 ...	26-Nov-24																								
	A4240	Vaughn Review Submittal - Architectural Millwork	3d	27-Nov-24...	03-Dec-24																								
	A4250	OAC Review Submittal - Architectural Millwork	10d	04-Dec-24 ...	17-Dec-24																								
	A4260	Fabrication Time - Architectural Millwork	35d	18-Dec-24 ...	07-Feb-25																								
	Doors, Frames, and Hardware		100d	30-Oct-24 ...	25-Mar-25																								
	A4270	Sub Prepare Submittal - Doors, Frames, and Hardware	15d	30-Oct-24 ...	19-Nov-24																								
	A4280	Vaughn Review Submittal - Doors, Frames, and Hardware	5d	20-Nov-24...	26-Nov-24																								
	A4290	OAC Review Submittal - Doors, Frames, and Hardware	10d	27-Nov-24...	12-Dec-24																								
	A4300	Fabrication Time - Frames	25d	13-Dec-24 ...	21-Jan-25																								
	A5190	Fabrication Time - Doors and Hardware	70d	13-Dec-24 ...	25-Mar-25																								
	Overhead Doors		75d	30-Oct-24 ...	18-Feb-25																								
	A4310	Sub Prepare Submittal - Overhead Doors	20d	30-Oct-24 ...	26-Nov-24																								
	A4320	Vaughn Review Submittal - Overhead Doors	5d	27-Nov-24...	05-Dec-24																								
	A4330	OAC Review Submittal - Overhead Doors	10d	06-Dec-24 ...	19-Dec-24																								
	A4340	Fabrication Time - Overhead Doors	40d	20-Dec-24 ...	18-Feb-25																								
	Glass and Glazing		95d	30-Oct-24 ...	18-Mar-25																								
	A4350	Sub Prepare Submittal - Glass and Glazing	20d	30-Oct-24 ...	26-Nov-24																								
	A4360	Vaughn Review Submittal - Glass and Glazing	5d	27-Nov-24...	05-Dec-24																								
	A4370	OAC Review Submittal - Glass and Glazing	10d	06-Dec-24 ...	19-Dec-24																								
	A4380	Fabrication Time - Glass and Glazing	60d	20-Dec-24 ...	18-Mar-25																								
	Gypsum Board Assembly		65d	30-Oct-24 ...	04-Feb-25																								
	A4390	Sub Prepare Submittal - Gypsum Board Assembly	20d	30-Oct-24 ...	26-Nov-24																								
	A4400	Vaughn Review Submittal - Gypsum Board Assembly	5d	27-Nov-24...	05-Dec-24																								
	A4410	OAC Review Submittal - Gypsum Board Assembly	10d	06-Dec-24 ...	19-Dec-24																								
	A4420	Fabrication Time - Gypsum Board Assembly	30d	20-Dec-24 ...	04-Feb-25																								
	Acoustical Ceilings		48d	30-Oct-24 ...	10-Jan-25																								
	A4430	Sub Prepare Submittal - Acoustical Ceiling	15d	30-Oct-24 ...	19-Nov-24																								
	A4440	Vaughn Review Submittal - Acoustical Ceiling	3d	20-Nov-24...	22-Nov-24																								
	A4450	OAC Review Submittal - Acoustical Ceiling	10d	25-Nov-24...	10-Dec-24																								
	A4460	Fabrication Time - Acoustical Ceiling	20d	11-Dec-24 ...	10-Jan-25																								
	Tile		60d	30-Oct-24 ...	28-Jan-25																								
	A4470	Sub Prepare Submittal - Tile	15d	30-Oct-24 ...	19-Nov-24																								
	A4480	Vaughn Review Submittal - Tile	5d	20-Nov-24...	26-Nov-24																								
	A4490	OAC Review Submittal - Tile	10d	27-Nov-24...	12-Dec-24																								
	A4500	Fabrication Time - Tile	30d	13-Dec-24 ...	28-Jan-25																								
	Flooring		63d	30-Oct-24 ...	31-Jan-25																								
	A4510	Sub Prepare Submittal - Flooring	15d	30-Oct-24 ...	19-Nov-24																								
	A4520	Vaughn Review Submittal - Flooring	3d	20-Nov-24...	22-Nov-24																								
	A4530	OAC Review Submittal - Flooring	10d	25-Nov-24...	10-Dec-24																								
	A4540	Fabrication Time - Flooring	35d	11-Dec-24 ...	31-Jan-25																								

ID	Name	Pla... Dur...	Start	Finish	2024				2025								
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	Painting	38d	30-Oct-24 ...	26-Dec-24													
A4550	Sub Prepare Submittal - Painting	15d	30-Oct-24 ...	19-Nov-24													
A4560	Vaughn Review Submittal - Painting	3d	20-Nov-24...	22-Nov-24													
A4570	OAC Review Submittal - Painting	10d	25-Nov-24...	10-Dec-24													
A4580	Fabrication Time - Painting	10d	11-Dec-24 ...	26-Dec-24													
	Specialties	63d	30-Oct-24 ...	31-Jan-25													
A4590	Sub Prepare Submittal - Specialties	20d	30-Oct-24 ...	26-Nov-24													
A4600	Vaughn Review Submittal - Specialties	3d	27-Nov-24...	03-Dec-24													
A4610	OAC Review Submittal - Specialties	10d	04-Dec-24 ...	17-Dec-24													
A4620	Fabrication Time - Specialties	30d	18-Dec-24 ...	31-Jan-25													
	Signage	75d	30-Oct-24 ...	18-Feb-25													
A4630	Sub Prepare Submittal - Signage	20d	30-Oct-24 ...	26-Nov-24													
A4640	Vaughn Review Submittal - Signage	5d	27-Nov-24...	05-Dec-24													
A4650	OAC Review Submittal - Signage	10d	06-Dec-24 ...	19-Dec-24													
A4660	Fabrication Time - Signage	40d	20-Dec-24 ...	18-Feb-25													
	Lockers	60d	30-Oct-24 ...	28-Jan-25													
A4670	Sub Prepare Submittal - Lockers	15d	30-Oct-24 ...	19-Nov-24													
A4680	Vaughn Review Submittal - Lockers	5d	20-Nov-24...	26-Nov-24													
A4690	OAC Review Submittal - Lockers	10d	27-Nov-24...	12-Dec-24													
A4700	Fabrication Time - Lockers	30d	13-Dec-24 ...	28-Jan-25													
	Plumbing	85d	30-Oct-24 ...	04-Mar-25													
A4750	Sub Prepare Submittal - Plumbing	20d	30-Oct-24 ...	26-Nov-24													
A4760	Vaughn Review Submittal - Plumbing	5d	27-Nov-24...	05-Dec-24													
A4770	OAC Review Submittal - Plumbing	10d	06-Dec-24 ...	19-Dec-24													
A4780	Fabrication Time - Plumbing Piping and Accessors	15d	20-Dec-24 ...	14-Jan-25													
A5200	Fabrication Time - Plumbing Fixtures	50d	20-Dec-24 ...	04-Mar-25													
A5210	Fabrication Time - Water Heater	50d	20-Dec-24 ...	04-Mar-25													
	HVAC	75d	30-Oct-24 ...	18-Feb-25													
A4790	Sub Prepare Submittal - HVAC	20d	30-Oct-24 ...	26-Nov-24													
A4800	Vaughn Review Submittal - HVAC	5d	27-Nov-24...	05-Dec-24													
A4810	OAC Review Submittal - HVAC	10d	06-Dec-24 ...	19-Dec-24													
A4820	Fabrication Time - HVAC Ductwork	30d	20-Dec-24 ...	04-Feb-25													
A5220	Fabrication Time - HVAC Fan Coil Unit	40d	20-Dec-24 ...	18-Feb-25													
A5230	Fabrication Time - HVAC Supply/Exhaust Fan	40d	20-Dec-24 ...	18-Feb-25													
	Electrical	90d	30-Oct-24 ...	11-Mar-25													
A4830	Sub Prepare Submittal - Electrical	15d	30-Oct-24 ...	19-Nov-24													
A4840	Vaughn Review Submittal - Electrical	5d	20-Nov-24...	26-Nov-24													
A4850	OAC Review Submittal - Electrical	10d	27-Nov-24...	12-Dec-24													
A5250	Fabrication Time - Electrical Breakers	60d	13-Dec-24 ...	11-Mar-25													
A5240	Fabrication Time - Electrical Light Fixtures	40d	13-Dec-24 ...	11-Feb-25													
A4860	Fabrication Time - Electrical Conduit, Hangers, and Wire	15d	13-Dec-24 ...	07-Jan-25													
	Fire Alarm	80d	30-Oct-24 ...	25-Feb-25													
A4870	Sub Prepare Submittal - Fire Alarm	25d	30-Oct-24 ...	05-Dec-24													
A4880	Vaughn Review Submittal - Fire Alarm	5d	06-Dec-24 ...	12-Dec-24													
A4890	OAC Review Submittal - Fire Alarm	10d	13-Dec-24 ...	30-Dec-24													



ID	Name	Pla... Dur...	Start	Finish	2024				2025								
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A2070	Layout Fencing	1d	01-May-25...	01-May-25 ...													
A2080	Core Post Locations at North Gate	1d	02-May-25...	02-May-25 ...													
A2090	Install Post at North Gate	4d	05-May-25...	08-May-25 ...													
A2100	Install Gate at North Gate	3d	09-May-25...	13-May-25 ...													
A2110	Install Fence Post at North Side Fence	3d	14-May-25...	16-May-25 ...													
A2120	Install Fencing at North Side Fence	3d	19-May-25...	21-May-25 ...													
A5310	Repair Damaged Landscape	2d	22-May-25...	23-May-25 ...													
A2170	Vaughn Punch List for Fencing and Gates	2d	02-Jun-25 ...	03-Jun-25													
A2180	Vaughn Punch List Corrections for Fencing and Gates	4d	04-Jun-25 ...	09-Jun-25													
A2190	Owner / Architect Punch List	1d	10-Jun-25 ...	10-Jun-25													
A2200	Owner / Architect Punch List Corrections	5d	11-Jun-25 ...	17-Jun-25													
A2210	Turn Over Fencing and Gates to Wilco	1d	18-Jun-25 ...	18-Jun-25													
GMP 2		165d	30-Dec-24 ...	20-Aug-25													
	Justice Complex Site Improvements	108d	30-Dec-24 ...	30-May-25 ...													
	Parking and Sidewalks	108d	30-Dec-24 ...	30-May-25 ...													
	Inset A, G, and D	79d	23-Jan-25 ...	13-May-25 ...													
A1540	Install Street Barricades at Inset A, G, and D	2d	23-Jan-25 ...	24-Jan-25													
A1620	Layout Sidewalks and Curbs at Inset A, G, and D	1d	27-Jan-25 ...	27-Jan-25													
A1550	Sawcut and Demo at Inset A, G, and D	2d	28-Jan-25 ...	29-Jan-25													
A1560	Excavate Subgrade at Inset A, G, and D	5d	30-Jan-25 ...	05-Feb-25													
A1570	Install Base at Inset A, G, and D	5d	06-Feb-25 ...	12-Feb-25													
A1580	Form New Sidewalks, Curbs, Pad and Inset A, G, and D	4d	13-Feb-25 ...	18-Feb-25													
A1590	Install Reinforcing at Inset A, G, and D	3d	19-Feb-25 ...	21-Feb-25													
A1600	Inspection of Sidewalks, Curbs, and Pad Inset A, G, and D	1d	24-Feb-25 ...	24-Feb-25													
A1610	Place Concert at Sidewalks, Curbs, and Pad at Inset A, G, and D	1d	25-Feb-25 ...	25-Feb-25													
A5260	Remove Form work at Inset A, G, and D	1d	26-Feb-25 ...	26-Feb-25													
A1630	Place Asphalt at Inset A, G, and D	2d	27-Feb-25 ...	28-Feb-25													
A5270	Repair Damaged Landscaping	2d	27-Feb-25 ...	28-Feb-25													
A1640	Install Striping and Signage at Inset A, G, and D	2d	03-Mar-25...	04-Mar-25													
A1760	Vaughn Punch List Inset A, G, and D	2d	05-Mar-25...	06-Mar-25													
A1770	Vaughn Punch List Correction Inset A, G, and D	3d	07-Mar-25...	11-Mar-25													
A1780	Owner / Architect Punch List Inset A, G, and D	1d	12-Mar-25...	12-Mar-25													
A1790	Owner / Architect Punch List Corrections Inset A, G, and D	3d	13-Mar-25...	17-Mar-25													
A1800	Open Areas Inset A, G, and D	1d	18-Mar-25...	18-Mar-25													
A1960	Install New Breaker for Fence Operator at South Gate	1d	30-Apr-25 ...	30-Apr-25													
A1970	Pull Wire for Power at South Gate	1d	01-May-25...	01-May-25 ...													
A2010	Install Operator for South Gate	1d	02-May-25...	02-May-25 ...													
A1980	Install Access Controls for South Gate	2d	05-May-25...	06-May-25 ...													
A2030	Make Safe Electrical for Coiling Overhead Doors - South Jail	1d	07-May-25...	07-May-25 ...													
A1990	Remove Coiling Overhead Doors - South Jail	1d	08-May-25...	08-May-25 ...													
A2040	Install New Coiling Overhead Doors - South Jail	2d	09-May-25...	12-May-25 ...													
A2050	Connect Power to New Coiling Overhead Doors - South Jail	1d	13-May-25...	13-May-25 ...													
	Inset B, C, and E	52d	19-Mar-25...	30-May-25 ...													
A1650	Install Street Barricades at Inset B, C, and E	2d	19-Mar-25...	20-Mar-25													
A1660	Layout Sidewalks and Curbs at Inset B, C, and E	2d	21-Mar-25...	24-Mar-25													

ID	Name	Pla... Dur...	Start	Finish	2024				2025								
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A1670	Sawcut and Demo at Inset B, C, and E	2d	25-Mar-25...	26-Mar-25													
A1680	Excavate Subgrade at Inset B, C, and E	4d	27-Mar-25...	01-Apr-25													
A1860	Core Bollards at North Jail Entrance	2d	02-Apr-25 ...	03-Apr-25													
A1690	Install Base at Inset B, C, and E	4d	02-Apr-25 ...	07-Apr-25													
A1870	Drill Bollards at North Jail Entrance	2d	04-Apr-25 ...	07-Apr-25													
A1700	Form New Sidewalks and Curbs Inset B, C, and E	4d	08-Apr-25 ...	11-Apr-25													
A1880	Install Bollards at North Jail Entrance	2d	08-Apr-25 ...	09-Apr-25													
A1710	Install Reinforcing at Inset B, C, and E	3d	14-Apr-25 ...	16-Apr-25													
A1720	Inspection of Sidewalks and Curbs, Inset B, C, and E	1d	17-Apr-25 ...	17-Apr-25													
A1730	Place Concert at Sidewalks and Curbs at Inset B, C, and E	1d	18-Apr-25 ...	18-Apr-25													
A5280	Remove Forms at Inset B, D, and E	1d	21-Apr-25 ...	21-Apr-25													
A1740	Patching Asphalt at Inset B, C, and E	2d	22-Apr-25 ...	23-Apr-25													
A5300	Repair Damage Landscape	2d	24-Apr-25 ...	25-Apr-25													
A1750	Install Striping and Signage at Inset B, C, and E	2d	24-Apr-25 ...	25-Apr-25													
A1810	Vaughn Punch List Inset B, C, and E	1d	28-Apr-25 ...	28-Apr-25													
A1820	Vaughn Punch List Correction Inset B, C, and E	4d	29-Apr-25 ...	02-May-25 ...													
A1830	Owner / Architect Punch List Inset B, C, and E	1d	05-May-25...	05-May-25 ...													
A1840	Owner / Architect Punch List Corrections Inset B, C, and E	4d	06-May-25...	09-May-25 ...													
A1850	Open Areas Inset B, C, and E	1d	12-May-25...	12-May-25 ...													
A2130	Install New Breaker for Fence Operator at North Gate	1d	22-May-25...	22-May-25 ...													
A2140	Pull Wire for Power at North Gate	1d	23-May-25...	23-May-25 ...													
A2150	Install Operator for North Gate	2d	27-May-25...	28-May-25 ...													
A2160	Install Access Controls for North Gate	2d	29-May-25...	30-May-25 ...													
Underground Utilities		20d	30-Dec-24 ...	27-Jan-25													
A1420	Install Street Barricades South Vehicle Gate	2d	30-Dec-24 ...	31-Dec-24													
A1430	Layout	1d	02-Jan-25 ...	02-Jan-25													
A1440	Sawcut and Demo	3d	03-Jan-25 ...	07-Jan-25													
A1450	Excavation for Data, Security, and Power	5d	08-Jan-25 ...	14-Jan-25													
A1460	Rough-In Underground Data, Security, and Power	5d	15-Jan-25 ...	21-Jan-25													
A1470	Inspect Underground Data, Security, and Power	1d	22-Jan-25 ...	22-Jan-25													
A1480	Backfill Underground Data, Security, and Power	3d	23-Jan-25 ...	27-Jan-25													
Dumpster Enclosure		26d	19-Feb-25 ...	26-Mar-25													
A2330	Set Bollards and Gate Post for Dumpster Enclosure	2d	19-Feb-25 ...	20-Feb-25													
A2340	Concrete Cure Time 7 day - Dumpster Pad	5d	21-Feb-25 ...	27-Feb-25													
A2350	Install Masonry at Dumpster Enclosure	5d	28-Feb-25 ...	06-Mar-25													
A2360	Install Gates and Hardware on Dumpster Enclosure	2d	07-Mar-25...	10-Mar-25													
A2370	Paint Dumpster Encloser	2d	11-Mar-25...	12-Mar-25													
A2440	Vaughn Punch List for Dumpster Encloser	1d	13-Mar-25...	13-Mar-25													
A2450	Vaughn Punch List Corrections for Dumpster Encloser	2d	14-Mar-25...	17-Mar-25													
A2460	Owner / Architect Punch List for Dumpster Encloser	1d	18-Mar-25...	18-Mar-25													
A2470	Owner / Architect Punch List Corrections for Dumpster Encl...	5d	19-Mar-25...	25-Mar-25													
A2480	Turn Over Comms Tower Area	1d	26-Mar-25...	26-Mar-25													
Communication Tower		24d	19-Mar-25...	21-Apr-25													
A2220	Wilco Make Safe Comms Tower	1d	19-Mar-25...	19-Mar-25													
A2230	Crane to Dismantel Comms Tower	1d	20-Mar-25...	20-Mar-25													



ID	Name	Pla... Dur...	Start	Finish	2024				2025								
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A3650	Saw Cut for Wall Penetrations - GYM	1d	08-Apr-25 ...	08-Apr-25													I Saw Cut for Wall Penetrations - GYM
A3740	Install New Louver - GYM	5d	09-Apr-25 ...	15-Apr-25													■ Install New Louver - GYM
A3780	Install Homeruns for Mech Equipment - GYM	5d	11-Apr-25 ...	17-Apr-25													■ Install Homeruns for Mech Equipment - GYM
A3340	Rough-In Plumbing In-Wall - GYM	5d	11-Apr-25 ...	17-Apr-25													■ Rough-In Plumbing In-Wall - GYM
A3550	Install Acoustical Spray Applied Insulation - GYM	2d	11-Apr-25 ...	14-Apr-25													■ Install Acoustical Spray Applied Insulation - GYM
A5730	Patching of existing fireproofing - GYM	5d	15-Apr-25 ...	21-Apr-25													■ Patching of existing fireproofing - GYM
A3920	Install Ductwork - GYM	9d	15-Apr-25 ...	25-Apr-25													■ Install Ductwork - GYM
A3460	Hang Lights in Gym Area - GYM	5d	15-Apr-25 ...	21-Apr-25													■ Hang Lights in Gym Area - GYM
A3350	Rough-In Electrical In-Wall - GYM	5d	18-Apr-25 ...	24-Apr-25													■ Rough-In Electrical In-Wall - GYM
A3770	Install New Breakers for Mech Equipment - GYM	1d	18-Apr-25 ...	18-Apr-25													I Install New Breakers for Mech Equipment - GYM
A3790	Pull Wire - GYM	5d	21-Apr-25 ...	25-Apr-25													■ Pull Wire - GYM
A3360	Test Plumbing In-Wall - GYM	1d	25-Apr-25 ...	25-Apr-25													I Test Plumbing In-Wall - GYM
A5950	CoG In-Wall and Framing Inspection.	1d	28-Apr-25 ...	28-Apr-25													I CoG In-Wall and Framing Inspection.
A3370	Insulate Plumbing In-Wall - GYM	5d	28-Apr-25 ...	02-May-25 ...													■ Insulate Plumbing In-Wall - GYM
A3410	Overhead Plumbing Rough-In - GYM	5d	28-Apr-25 ...	02-May-25 ...													■ Overhead Plumbing Rough-In - GYM
A3710	Install Chill Water Piping - GYM	5d	28-Apr-25 ...	02-May-25 ...													■ Install Chill Water Piping - GYM
A3660	Install Fire Dampers - GYM	2d	28-Apr-25 ...	29-Apr-25													■ Install Fire Dampers - GYM
A3930	Pressure Test Ductwork - GYM	1d	30-Apr-25 ...	30-Apr-25													I Pressure Test Ductwork - GYM
A3680	Hang Exhaust Fan - GYM	1d	01-May-25...	01-May-25 ...													I Hang Exhaust Fan - GYM
A3960	Insulate Ductwork - GYM	5d	01-May-25...	07-May-25 ...													■ Insulate Ductwork - GYM
A3700	Install Fan Coil Units - GYM	2d	02-May-25...	05-May-25 ...													■ Install Fan Coil Units - GYM
A3430	Overhead Plumbing Test and Inspection - GYM	1d	05-May-25...	05-May-25 ...													I Overhead Plumbing Test and Inspection - GYM
A3720	Install Insulation at Chill Water Piping - GYM	3d	05-May-25...	07-May-25 ...													■ Install Insulation at Chill Water Piping - GYM
A3380	Inwall Coverup Inspection - GYM	2d	05-May-25...	06-May-25 ...													■ Inwall Coverup Inspection - GYM
A3670	Hang Supply Fan - GYM	1d	06-May-25...	06-May-25 ...													I Hang Supply Fan - GYM
A3750	Install Water Heater - GYM	2d	06-May-25...	07-May-25 ...													I Install Water Heater - GYM
A3450	Insulate Overhead Plumbing - GYM	5d	06-May-25...	12-May-25 ...													■ Insulate Overhead Plumbing - GYM
A3390	One Side Drywall - GYM	3d	07-May-25...	09-May-25 ...													■ One Side Drywall - GYM
A3690	Power to Mechanical Equipment - GYM	2d	07-May-25...	08-May-25 ...													I Power to Mechanical Equipment - GYM
A3760	Install Water Softner - GYM	2d	08-May-25...	09-May-25 ...													I Install Water Softner - GYM
A3970	Startup Mechanical Equipment - GYM	1d	09-May-25...	09-May-25 ...													I Startup Mechanical Equipment - GYM
A3400	Two Side Drywall - GYM	3d	12-May-25...	14-May-25 ...													■ Two Side Drywall - GYM
A3630	Above Ceiling Grid Coverup Inspection - GYM	2d	13-May-25...	14-May-25 ...													■ Above Ceiling Grid Coverup Inspection - GYM
A3470	Frame Hard Ceilings - GYM	4d	15-May-25...	20-May-25 ...													■ Frame Hard Ceilings - GYM
A3490	Hard Ceiling Coverup Inspection - GYM	2d	21-May-25...	22-May-25 ...													■ Hard Ceiling Coverup Inspection - GYM
A5960	COG Above Ceiling Coverup Inspection	1d	23-May-25...	23-May-25 ...													I COG Above Ceiling Coverup Inspection
A3500	Cover Hard Ceilings - GYM	3d	27-May-25...	29-May-25 ...													■ Cover Hard Ceilings - GYM
A3510	Tape, Float, and Prime - GYM	10d	30-May-25...	12-Jun-25													■ Tape, Float, and Prime - GYM
A3520	Install Ceramic Tile	10d	06-Jun-25 ...	19-Jun-25													■ Install Ceramic Tile
A3610	Install Acoustical Ceiling Grid - GYM	2d	13-Jun-25 ...	16-Jun-25													■ Install Acoustical Ceiling Grid - GYM
A3480	Install Lights in Hard Ceilings - GYM	2d	13-Jun-25 ...	16-Jun-25													■ Install Lights in Hard Ceilings - GYM
A3800	Trim Out Grilles and Diffusers - GYM	1d	17-Jun-25 ...	17-Jun-25													I Trim Out Grilles and Diffusers - GYM
A3620	Install Lights in Ceiling Grid - GYM	3d	17-Jun-25 ...	19-Jun-25													■ Install Lights in Ceiling Grid - GYM
A3980	Install New Fire Alarm - GYM	2d	17-Jun-25 ...	18-Jun-25													■ Install New Fire Alarm - GYM
A3820	Final Paint - GYM	5d	17-Jun-25 ...	23-Jun-25													■ Final Paint - GYM

ID	Name	Pla... Dur...	Start	Finish	2024				2025								
					Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
A3570	Install Doors and Hardware - GYM	1d	20-Jun-25 ...	20-Jun-25													■ Install Doors and Hardware - GYM
A3530	Install Counter Tops - GYM	1d	20-Jun-25 ...	20-Jun-25													■ Install Counter Tops - GYM
A3640	Drop Ceiling Tile - GYM	1d	20-Jun-25 ...	20-Jun-25													■ Drop Ceiling Tile - GYM
A3580	Install Lockers - GYM	2d	23-Jun-25 ...	24-Jun-25													■ Install Lockers - GYM
A3540	Install Plumbing Fixtures - GYM	4d	23-Jun-25 ...	26-Jun-25													■ Install Plumbing Fixtures - GYM
A3600	Install Ruber Gym Flooring - GYM	3d	27-Jun-25 ...	01-Jul-25													■ Install Ruber Gym Flooring - GYM
A3590	Install Benches - GYM	1d	02-Jul-25	02-Jul-25													■ Install Benches - GYM
A3810	Trim Out Electrical Devices - GYM	2d	02-Jul-25	03-Jul-25													■ Trim Out Electrical Devices - GYM
A3830	Install Mirrors - GYM	2d	02-Jul-25	03-Jul-25													■ Install Mirrors - GYM
A3840	Install Toilet Accessories - GYM	2d	07-Jul-25	08-Jul-25													■ Install Toilet Accessories - GYM
A3850	Rough Clean - GYM	1d	09-Jul-25	09-Jul-25													■ Rough Clean - GYM
A3860	Vaughn Punch List - GYM	1d	10-Jul-25	10-Jul-25													■ Vaughn Punch List - GYM
A3870	Vaughn Punch List Corrections - GYM	5d	11-Jul-25	17-Jul-25													■ Vaughn Punch List Corrections - GYM
A5980	CoG Mechanical Final Inspection	5d	18-Jul-25	24-Jul-25													■ CoG Mechanical Final Inspection
A5990	CoG Plumbing Final Inspection	5d	18-Jul-25	24-Jul-25													■ CoG Plumbing Final Inspection
A6000	CoG Fire Alarm Inspection	5d	18-Jul-25	24-Jul-25													■ CoG Fire Alarm Inspection
A5970	CoG Electrical Final Inspection	5d	18-Jul-25	24-Jul-25													■ CoG Electrical Final Inspection
A3910	Final Clean - GYM	1d	18-Jul-25	18-Jul-25													■ Final Clean - GYM
A6010	CoG Fire Final	5d	25-Jul-25	31-Jul-25													■ CoG Fire Final
A6020	GoG Building Final	5d	01-Aug-25...	07-Aug-25													■ GoG Building Final
A6030	CoG Cert of Occupancy	1d	08-Aug-25...	08-Aug-25													■ CoG Cert of Occupancy
A3880	Owner / Architect Punch List - GYM	1d	11-Aug-25...	11-Aug-25													■ Owner / Architect Punch List - GYM
A3890	Owner / Architect Punch List Corrections - GYM	5d	12-Aug-25...	18-Aug-25													■ Owner / Architect Punch List Corrections - GYM
Closeout		34d	03-Jul-25	20-Aug-25													■ Closeout
A5340	Owner Training	1d	03-Jul-25	03-Jul-25													■ Owner Training
A5330	Submit As-Builts	1d	19-Aug-25...	19-Aug-25													■ Submit As-Builts
A5320	Project Completion	1d	20-Aug-25...	20-Aug-25													■ Project Completion