



3171 SE Inner Loop  
Georgetown, TX  
78626

T: (512) 663-7461

F: (512) 681-9752

March 27, 2018

Dwayne Gossett  
Williamson County, Texas  
3101 SE Inner Loop  
Georgetown, TX 78620

Re: North Campus Facilities

Job No: 233901

Subj: Change Proposal No. 233901-0053

Dear Sir or Madam:

We respectfully submit our proposal for an increase to our contract in the amount of \$0 (zero) dollars to provide Bldg. j Sign Shop for the above referenced project.

This proposal excludes electrical in EMT conduit; electrical will be ran in MC cable.

This proposal excludes asphalt work, fire alarm system and fire protection system, blinds and shades, permit cost, and signage.

Please indicate your acceptance of this change proposal by signing and returning one copy of the attached Form B breakdown of our cost.

Very truly yours,  
VAUGHN CONSTRUCTION

A handwritten signature in blue ink, appearing to read "Doug Boram".

Doug Boram

Attachments: Form B, Subcontractor Pricing Back-up

CC: Brody Harris - BLGY  
Mark Brown - BLGY

# FORM B

**PROJECT: North Campus Facilities**

**CHANGE PROPOSAL NO: 233901-0053**

**QUOTATION :**

Item	Labor	Materials	Subs	Total
Bldg. j Sign Shop General Conditions	\$0.00	\$45,857.00	\$0.00	\$45,857.00
Bldg. j Sign Shop Millwork Scope	\$0.00	\$0.00	\$3,625.00	\$3,625.00
Bldg. j Sign Shop Waterproof & Insulation Scope	\$0.00	\$0.00	\$30,882.00	\$30,882.00
Bldg. j Sign Shop Roofing Scope	\$0.00	\$0.00	\$35,000.00	\$35,000.00
Bldg. j Sign Shop Glazing Scope	\$0.00	\$0.00	\$1,690.00	\$1,690.00
Bldg. j Sign Shop Gyp. Board Assemblies Scope	\$0.00	\$0.00	\$39,312.00	\$39,312.00
Bldg. j Sign Shop Painting Scope	\$0.00	\$0.00	\$20,950.00	\$20,950.00
Bldg. j Sign Shop Plumbing & HVAC Scope	\$0.00	\$0.00	\$102,121.00	\$102,121.00
Bldg. j Sign Shop Electrical Scope	\$0.00	\$0.00	\$87,400.00	\$87,400.00
Bldg. j Sign Shop Earthwork & Concrete Utilities Scope	\$0.00	\$0.00	\$23,133.00	\$23,133.00
Bldg. j Sign Shop Flooring Scope	\$0.00	\$0.00	\$6,785.00	\$6,785.00
Bldg. j Sign Shop Toilet Accessories Scope	\$0.00	\$0.00	\$1,572.00	\$1,572.00
Bldg. j Sign Shop Data/Comm. Scope	\$0.00	\$0.00	\$4,726.00	\$4,726.00
Bldg. j Sign Shop HM Doors & Frames Scope	\$0.00	\$0.00	\$10,008.00	\$10,008.00
Bldg. j Sign Shop Appliances Scope	\$0.00	\$0.00	\$1,625.00	\$1,625.00
Bldg. j Sign Shop Removals Scope	\$0.00	\$0.00	\$9,000.00	\$9,000.00
To Be Funded By Buyout Savings	\$0.00	\$(393,429.00)	\$0.00	\$(393,429.00)
To Be Funded By Work Remaining to Procure Moved to Buyout Savings	\$0.00	\$(31,787.00)	\$0.00	\$(31,787.00)
Subcontractor Default Insurance	\$0.00	\$1,530.00	\$0.00	\$1,530.00

<b>Totals</b>	\$0.00	\$(377,829.00)	\$377,829.00	\$0.00
				<b>Insurance, Tax, Benefits on Labor</b>
				\$0.00
				<b>Overhead</b>
				\$0.00
				<b>Fee on Subs</b>
				\$0.00
				<b>Fee on JTV</b>
				\$0.00
				<b>Bond</b>
				\$0.00
				<b>Remodel Tax</b>
				\$0.00
<b>TOTAL</b>				<b>\$0.00</b>

**TIME EXTENSION TO CONTRACT:** 0 Days

**Submitted Date:** 3/27/2018

**Accepted**

**VAUGHN CONSTRUCTION**

**By:** \_\_\_\_\_

**By:**   
 \_\_\_\_\_  
**Doug Boram**

**Date** \_\_\_\_\_

**Proposal Valid for Days**

<i>Cost Code</i>	<i>Description</i>	<i>Details</i>	<i>Amt.</i>	<i>Unit</i>	<i>Total</i>
01-31-11	Project Manager 1	Doug Boram	12,672	1	12,672
01-31-31	Project Engineer 1	Camille Carpenter	8,272	1	8,272
01-31-71	Safety Inspector-PSC 1	James Harris	8,448	2	16,896
01-31-96	Staff Vehicle Fuel/Mileage	VISA-Employee	590	2	1,180
01-51-51	IT/Telecom Install/Maint	Vaughn IT	300	1	300
01-52-03	Job Office Rental Costs (Job Trailer)	Satellite Shelters, Inc.	457	1	457
01-74-02	Clean up-Project Maint		540	2	1,080
01-74-20	Final Clean-Vaughn		2500	2	5,000
	Misc Materials		5,000	0	-
				<b>TOTAL</b>	<b>45,857</b>

### Funds Tracking Log

Change Proposal No.	Change Type & No.	Time Extension (Days)		GMP Breakdown						GMP #2339.01	Total Updated Contract Amount
		Pending	Approved	Cost of Work	CM Contingency	Owner Contingency	General Conditions	Buyout Savings	Construction Phase Fee		
N/A	GMP	-	-	\$18,195,395	\$406,771	\$406,771	\$1,896,522		\$625,467	\$21,530,926	\$21,530,926
1	OCO	0	0	\$3,659	\$0	(\$3,659)	\$0		\$0	\$0	\$21,530,926
2	OCO	10	10	\$114,186	\$0	(\$114,186)	\$0		\$0	\$0	\$21,530,926
3	OCO	0	0	\$1,727	\$0	(\$1,748)	\$21		\$0	\$0	\$21,530,926
4	OCO	0	0	\$19,494	\$0	(\$19,494)	\$0		\$0	\$0	\$21,530,926
5	OCO	0	0	\$19,676	(\$19,676)	\$0	\$0		\$0	\$0	\$21,530,926
6	OCO	0	0	\$14,465	(\$14,465)	\$0	\$0		\$0	\$0	\$21,530,926
7	OCO	0	0	\$2,237	\$0	(\$2,237)	\$0		\$0	\$0	\$21,530,926
8	OCO	0	0	\$3,450	\$0	(\$3,450)	\$0		\$0	\$0	\$21,530,926
9	OCO	0	0	\$832	\$0	(\$832)	\$0		\$0	\$0	\$21,530,926
10	OCO	0	0	\$285	\$0	(\$285)	\$0		\$0	\$0	\$21,530,926
11	OCO	0	0	\$22,415	\$0	(\$22,415)	\$0		\$0	\$0	\$21,530,926
12	OCO	0	0	\$11,221	\$0	(\$11,221)	\$0		\$0	\$0	\$21,530,926
13	OCO	0	0	(\$5,000)	\$0	\$5,000	\$0		\$0	\$0	\$21,530,926
14	OCO	0	0	\$0	\$0	\$0	\$0		\$0	\$0	\$21,530,926
15	OCO	0	0	\$79,584	\$0	(\$79,584)	\$0		\$0	\$0	\$21,530,926
16	OCO	0	0	\$9,930	\$0	(\$9,930)	\$0		\$0	\$0	\$21,530,926
17	OCO	0	0	\$2,450	(\$2,450)	\$0	\$0		\$0	\$0	\$21,530,926
18	OCO	0	0	\$1,747	(\$1,747)	\$0	\$0		\$0	\$0	\$21,530,926
19	OCO	0	0	(\$1,763)	\$0	\$0	\$1,763		\$0	\$0	\$21,530,926
20	OCO	0	0	\$5,784	\$0	(\$5,856)	\$72		\$0	\$0	\$21,530,926
21	OCO	0	0	\$10,364	(\$10,364)	\$0	\$0		\$0	\$0	\$21,530,926
22	OCO	0	0	\$6,410	(\$6,461)	\$0	\$51		\$0	\$0	\$21,530,926
23	OCO	0	0	\$15,825	(\$15,825)	\$0	\$0		\$0	\$0	\$21,530,926
24	OCO	0	0	\$33,487	(\$33,906)	\$0	\$419		\$0	\$0	\$21,530,926
25	OCO	0	0	\$8,854	(\$8,854)	\$0	\$0		\$0	\$0	\$21,530,926
26	OCO	0	0	(\$106)	\$0	\$106	\$0		\$0	\$0	\$21,530,926
27R	OCO	0	0	\$2,687	\$0	(\$2,687)	\$0		\$0	\$0	\$21,530,926
28	Void	0	0	\$0	\$0	\$0	\$0		\$0	\$0	\$21,530,926
29	OCO	0	0	\$3,647	(\$3,647)	\$0	\$0		\$0	\$0	\$21,530,926
30	OCO	0	0	(\$30,000)	\$0	\$30,000	\$0		\$0	\$0	\$21,530,926
31	OCO	0	0	\$4,434	\$0	(\$4,434)	\$0		\$0	\$0	\$21,530,926

32	OCO	0	0	\$6,816	\$0	(\$6,816)	\$0		\$0	\$0	\$21,530,926
33R	OCO	0	-	(\$28,265)	\$0	\$28,265	\$0		\$0	\$0	\$21,530,926
34	OCO	0	0	\$5,273	(\$5,273)	\$0	\$0		\$0	\$0	\$21,530,926
35	OCO	0	0	(\$168,250)	\$0	\$0	\$0		\$0	(\$168,250)	\$21,362,676
36	OCO	0	0	\$1,280	(\$1,280)	\$0	\$0		\$0	\$0	\$21,362,676
37	OCO	0	0	\$1,601	(\$1,601)	\$0	\$0		\$0	\$0	\$21,362,676
38R	OCO	0	0	\$4,646	(\$4,646)	\$0	\$0		\$0	\$0	\$21,362,676
39R	OCO	15	15	\$0	\$0	\$0	\$0		\$0	\$0	\$21,362,676
40R	OCO	0	0	(\$6,292)	\$0	\$6,292	\$0		\$0	\$0	\$21,362,676
41	OCO	0	0	(\$50,311)	\$0	\$50,311	\$0		\$0	\$0	\$21,362,676
42R	OCO	0	0	(\$44,494)	\$0	\$44,494	\$0		\$0	\$0	\$21,362,676
43R	OCO	0	0	\$24,129	\$0	(\$24,129)	\$0		\$0	\$0	\$21,362,676
44R	OCO	0	0	\$4,882	\$0	(\$4,882)	\$0		\$0	\$0	\$21,362,676
45R	OCO	0	0	\$25,500	(\$25,500)	\$0	\$0		\$0	\$0	\$21,362,676
46	OCO	168	168	\$1,304,051	\$0	\$0	\$132,086	(\$135,504)	\$49,367	\$1,350,000	\$22,712,676
47	OCO	0	0	\$1,112	\$0	(\$1,126)	\$14		\$0	\$0	\$22,712,676
48	OCO	0	-	\$35,771	\$0	(\$36,181)	\$410		\$0	\$0	\$22,712,676
49	OCO	0	0	\$2,541	(\$2,573)	\$0	\$32		\$0	\$0	\$22,712,676
50	OCO	4	-	\$4,392	(\$4,392)	\$0	\$0		\$0	\$0	\$22,712,676
51	OCO	4	4	\$5,759	\$0	(\$5,759)	\$0		\$0	\$0	\$22,712,676
52	OCO	0	-	(\$2,064)	\$0	\$2,064	\$0		\$0	\$0	\$22,712,676
53	OCO	0	-	\$377,829	\$0	\$0	\$47,387	(\$425,216)	\$0	\$0	\$22,712,676
<b>Current Amounts</b>											
		<b>201</b>	<b>197</b>	<b>\$20,063,282</b>	<b>\$244,111</b>	<b>\$212,392</b>	<b>\$2,078,777</b>	<b>(\$560,720)</b>	<b>\$674,834</b>	<b>\$22,712,676</b>	<b>\$22,712,676</b>



HOUSTON  
3413 E. Greenridge Drive  
Houston, TX 77057  
713.783.7780

AUSTIN  
4717 Priem Lane, Suite 102  
Pflugerville, TX 78660  
512.969.5011

DALLAS  
1203 Executive Drive East  
Richardson, TX 75081  
972.239.6060

# Proposed Change Order

PCO Number: 001

PCO Date: Mar 7, 2018

**To:**

Vaughn Construction  
P. O. Box 4119  
Austin, TX 78765

**Job Information:**

J3393 - Williamson County N Camp Fac.

Description of Work
<i>Building J Casework &amp; Tops</i>

**Description**

cabinets, countertops and install for building J

**Price**

3,625.00

**Total**

**\$3,625.00**

Batt and Rigid Building Insulation  
Acoustic and Thermal Insulation  
Firestop and Penetration Seals  
Spray-On Fireproofing



Waterproofing & Damproofing  
Spray-On Polyurethane Foam  
Spray-On Insulation  
Caulking & Sealants

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SERVING HOUSTON AND CENTRAL TEXAS SINCE 1991

Wilco NCF Sign Shop Building J

03/01/2018

Attn: Estimating

Addenda Seen: NO

Fireproof Contractors, Inc. proposes to furnish and install the Insulation scope of work as follows:

**INSULATION INCLUSIONS:**

- R-30 Open cell Icynene spray-on polyurethane foam to underside of roof deck with an ignition barrier
- R-19 open cell polyurethane foam at exterior walls with an ignition barrier

**Exclusions: Z-Furring All Other Types and Locations of Insulation Not Listed Above; All Contract Management Fees**

**INSULATION BASE BID AS LISTED ABOVE: \$29,032.00**

TAX INCLUDED: YES

We appreciate the opportunity of submitting this proposal, and trust you will give it your consideration. This quotation becomes invalid 60 days from above date, unless accepted.

Thank you,

Joey Daigle

Vice President

Fireproof Contractors Inc.

---

Houston  
8100 Blankenship Dr.  
P.O. Box 550107  
Houston, TX 77255-0107  
(713) 690-7600  
Fax: (713) 690-7635

[www.fireproofcontractors.com](http://www.fireproofcontractors.com)

Ref#: 1705039

Central Texas  
P.O. Box 2670  
San Marcos, TX  
78667-2670  
(512) 997-7600  
Fax: (512) 997-7677

Batt and Rigid Building Insulation  
Acoustic and Thermal Insulation  
Firestop and Penetration Seals  
Spray-On Fireproofing



Waterproofing & Damproofing  
Spray-On Polyurethane Foam  
Spray-On Insulation  
Caulking & Sealants

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SERVING HOUSTON AND CENTRAL TEXAS SINCE 1991

Wilco NCF Sign Shop Building J

03/01/2018

Attn: Estimating

Addenda Seen: NO

Fireproof Contractors, Inc. proposes to furnish and install the Waterproof scope of work as follows:

**WATERPROOFING & SEALANTS INCLUSIONS:**

- Self-leveling polyurethane sealant installed at concrete driveway expansion and control joints, sidewalk expansion joints and building isolation joint

**Exclusions: All Work Associated W/ EIFS, Expansion Joint Systems, Drywall & VCT, Aluminum Windows/Door Frames, Caulking at Dissimilar Materials, Testing, ABAA Certification, ALL CONTRACT MANAGEMENT SERVICE FEES**

**WATERPROOFING & SEALANTS BASE BID AS LISTED ABOVE: \$ 1,850.00**

**TAX INCLUDED: YES**

We appreciate the opportunity of submitting this proposal, and trust you will give it your consideration. This quotation becomes invalid 60 days from above date, unless accepted.

Thank you,

Joey Daigle

Vice President

Fireproof Contractors Inc.

---

Houston  
8100 Blankenship Dr.  
P.O. Box 550107  
Houston, TX 77255-0107  
(713) 690-7600  
Fax: (713) 690-7635

[www.fireproofcontractors.com](http://www.fireproofcontractors.com)

Ref#: 1705039

Central Texas  
P.O. Box 2670  
San Marcos, TX  
78667-2670  
(512) 997-7600  
Fax: (512) 997-7677

# Proposal



**GLASS COMPANY**  
A DIVISION OF FLOYDCO, INC.

**Complete Glass & Aluminum Fronts • Sales & Service**  
1604 West Second Street, P.O. Box 803  
TAYLOR, TEXAS 76574

**Taylor: (512) 352-7618 • Austin: (512) 365-2016 • FAX: (512) 352-9243**

PROPOSAL SUBMITTED TO <b>Vaughn Construction</b>		DATE <b>3/5/2018</b>
STREET		JOB NAME <b>WILCO North</b>
CITY, STATE AND ZIP CODE		JOB LOCATION
ARCHITECT	DATE OF PLANS	JOB PHONE

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

Add Window at Sign Shop: \$1,690.00 + tax

We Exclude:

Protection and Final Cleaning of Installed Materials  
Working After Regular Hours or Weekends

Pricing is based on cash payment; customer is responsible for any additional costs if payment is made by credit card.

**According to Floyd's Glass Company's understanding of the new Texas Energy Code, we believe and inform you that this specified glass system may not meet that code. Since the Texas Energy Code involves the entire building envelope Floyd's Glass Company cannot warrant that this glass meets that code.**

**\*\*SUBJECT TO A MUTUALLY AGREEABLE CONTRACT\*\***

**We Propose** hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:

\*\*\*\*\* **SEE ABOVE** \*\*\*\*\*

Dollars(\$ \_\_\_\_\_).

Payment to be made as follows: **SEE ABOVE**

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or derivation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized

Signature

*Kevin Kiesling*

KEVIN KIESLING

Notes: This proposal may be

Withdrawn by us if not accepted within **30** days.

**Acceptance of Proposal** - The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date of Acceptance \_\_\_\_\_



# PROPOSAL

To: Vaughn Construction  
 Attention: Doug Boram  
 Address: 3920 North IH 35  
 Austin, Texas 78751

Date: February 27, 2018  
 Office: 713-984-4379  
 Fax: 512-681-9752

JOB NAME	JOB ADDRESS
<i>WILCO N Campus Building J</i>	3189 S.E. Inner Loop Georgetown, Texas 78626

## PROPOSAL SUMMARY

**05400 Cold Formed Metal Framing:** 8" x 16 GA framing per 4/Aj-10.01, / 6" x 16 GA framing per 5/Aj-9.01.

**06100 Rough Carpentry:** ½" CD FRTW at Unconditioned storage J-107, / 2"x6" FRTW in-wall blocking for restroom accessories, casework, wall mounted ladder, / 2"x8" FRTW framing for mechanical loft, / ¾" CD T&G decking at mech loft, / ¾" CDX at 5/Aj-9.01.

**07210 Insulation:** R11, R13, R15, R19, and R30 unfaced fiberglass batt friction fit in CFM framed stud cavities or laid on top of gypsum and acoustical ceilings.

**09110 Interior Metal Framing:** 33 mil CFM interior framing per partition types, / 18 GA CFM framing per partition types, / Deflection track at head of partition to underside of structure.

**09130 Acoustical Ceiling Grid:** 15/16" faced, white, intermediate duty grid suspension system.

**09250 Gypsum Board:** 5/8" type X, / 5/8" moisture resistant gypsum board at wet wall locations, / 5/8" glass mat faced sheathing rip-strip 3" AFF.

**09510 Acoustical Ceiling Tile:** 2'x4'x3/4" angled tegular tile.

**09770 Special Wall Surfaces (FRP):** Standard, non-rated, white, pebbled FRP per the finish schedule.

Base Bid Amount	<b>\$39,312.00</b>
Alternates: NONE	

**Addendums: None**  
**Sales tax on Material: None**  
**Prevailing wage: YES**

Standard Drywall Inc. is pleased to present the following bid for *WILCO N Campus Facility*, based on plans and specifications dated **05-22-2017**, and subject to the following exclusions and qualifications:

### EXCLUSIONS



- |    |   |    |  |
|----|---|----|--|
| 1  | Any work outside of the exterior gypsum sheathing.  | 17 | Grouting of door frames.   |
| 2  | Shop drawings, as-builts, and engineering.  | 18 | Welding  |
| 3  | Horizontal stiffeners, blocking, and bridging.  | 19 | Sealing or joint treatment of sheathing joints at exterior.        |
| 4  | Temporary walls.  | 20 | Waterproofing, damp proofing, or sealers.                          |
| 5  | Climate and Temperature control.  | 21 | Supply or install of trusses.                                      |
| 6  | Putty Pads @ MEP boxes.   | 22 | Furnish or install of hat channel for metal wall or soffit panels. |
| 7  | Demolition.   | 23 | Furnish access panels.   |
| 8  | Metal framing 1/8" or thicker.  | 24 | Furnish doors and hardware.  |
| 9  | Caulks and sealants at penetrations of other trades.  | 25 | Tape, float and texture and painting of any kind.                  |
| 10 | Bonds and associated fees.  | 26 | Fire caulking at or behind CMU or masonry wall.                    |
| 11 | Overtime or premium time shift work.  | 27 | Additional hanger wire support for lights, fixtures, or Misc.      |
| 12 | Seismic requirements or additional hanger wires at lights/ diffusers for acoustical ceilings. | 28 | Labeling of partitions.  |
| 13 | Sound or fire testing.  | 29 | Architectural caulking is excluded.                                |
| 14 | Hollow metal door frames in any walls other than metal framed.                                | 30 | Roof insulation or insulation at roof deck.                        |
| 15 | Trade Damage repair.  | 31 | Rigid or semi rigid insulation of any kind.                        |
| 16 | Expansion joint covers.   |    |  |

#### QUALIFICATIONS

- 1 SDI has included labor only to install hollow metal frames provided by others in CFM framed partitions only.
- 2 Hollow metal frames to be on site at the time CFM framing starts. Hollow metal frames not on site at the time framing starts will incur an additional cost of \$35 per frame.
- 3 SDI has included labor only to install doors and hardware provided by others.
- 4 This proposal is valid for 30 days from the above date.
- 5 General Contractor to supply adequate power, clean water, lighting, and utilities within 100' of required location at no cost to the subcontractor.
- 6 Any required inspections and coordination thereof will be the responsibility of the General Contractor.
- 7 Dumpsters for removal of any trash is to be supplied by GC at no cost to SDI.
- 8 Restroom facilities are to be provided by others.
- 9 SDI bond rate is 2%.
- 10 Standard Drywall, Inc. reserves the right to negotiate the terms and conditions of any proposed contract document.
- 11 Schedule will need to be mutually agreed upon prior to contract agreement.

We look forward to working with you on this project. If you have any questions or concerns, please do not hesitate to contact me at (512) 651-5096 Ext. 1105 or feel free to email me at [tpatteson@standarddrywall.com](mailto:tpatteson@standarddrywall.com).

Respectfully Submitted,

Trent Patteson  
Project Estimator

*Thank you for your business!*

# **ACTION** DECORATING, INC.

Commercial & Residential Painting

11002 Plains Trail  
Austin, Texas 78758  
512-491-8900

May 4, 2017

Vaughn Construction

Attn: Doug Boram

Re: Williamson County North Campus Facility – Building J – 90% plans

Our bid is based upon the following specifications:

**1) The scope of this project**

**Interior:**

- a) Tape specified walls to deck
- b) Tape, float, prime and paint new gypsum walls and ceilings to level 5 finish
- c) Paint hollow metal doors and frames
- d) Paint plywood in Unconditioned Storage Room
- e) Seal Floors in specified areas

**Exterior:**

- f) Paint columns & base plates at Compressor Shed
- g) Paint lintel where required

- Prevailing wage rates are included

**2) Exclusions**

- l) Finishing exposed deck or tapered columns in Unconditioned Storage
- q) After hours/accelerated schedule
- r) Sales tax

**3) Gypsum board will receive a level 5 finish and will be painted with Promar 200 0 VOC paints by Sherwin-Williams.**

**Base bid**

**\$ 20,950.00**

Should you have any questions or comments regarding this bid, please contact us. Thank you for considering Action Decorating for this project.

*Amy Kirkham*

\_\_\_\_\_  
Amy Kirkham for Action Decorating, Inc.

\_\_\_\_\_  
Vaughn Construction



**LOCHRIDGE PRIEST**  
HEATING • AIR CONDITIONING • PLUMBING

TACLA28343C

M-41036

Price Change Order #

008R

Date:

March 8, 2018

To: **Vaughn Construction**  
3920 N. IH-35  
Austin, Texas 78751

Job Name: **Williamson County North  
Campus Facility**

Attn: **Doug Boram**

Job Location: 3171 SE Inner Loop  
Georgetown, Texas 78626

LP Job #: **HC16-651**

Reference: **Building J - Sign Shop**

Please (add) the amount below per the items listed in the breakout sheet. This change proposal was based on the plans received on May 5, 2017 for Building "J" Sign Shop.

Base Bid Total: **\$102,121.00**

Inclusions: Material and Labor

Exclusions: Bond, overtime and original contract exclusions.  
RPZ for water main serving Building "J"

By:

Mark Veselka  
Project Manager

Please Note: Lochridge Priest has the right to reprice this change order in the event that the supplied information is incorrect or differs from the actual field situation.

Lochridge Priest

HVAC & PLUMBING SHORT RECAP				PRINT TIME: 3/8/2018 6:15		
JOB NAME:		Williamson County Courthouse		BID DATE: 3/8/2018		
LOCATION:		Building J Sign Shop		EST. NO.: CP-08		
LABOR RATE: \$ 40.00		MAN HRS		EQUIP \$		
MCA %: 100%		UNIT HRS		MAT'L \$		
		EXT HRS		LABOR \$		
				SUB-MISC		
P L U M B I N G	QUAN	DESCRIPTION				
	1	San. Sewer BFF	24	24	\$ -	\$ 523
	1	San/Vent AFF	79	79	\$ -	\$ 5,376
	1	DCW/DHW	98	98	\$ -	\$ 3,138
	1	Compress Air	43	43	\$ -	\$ 635
	1	Plumbing Fixtures	33	33	\$ 3,024	\$ 300
	1	Make Safe	16	16	\$ -	\$ 100
	1	Travel	21	21	\$ -	\$ 675
	1	Water Treatment	0	0	\$ -	\$ -
	1	Chaparral Insulation	0	0	\$ -	\$ -
	1	20% ADD FOR MED. GAS. PIP	0	0	\$ -	\$ -
	1	10% ADD FOR DOM. WTR. PIP	8	8	\$ -	\$ 248
		- TAG & ID		4	\$ -	\$ -
		- TESTING 10.0%		33	\$ -	\$ 1,306
		- SUPERVISION 10.0%		36	\$ -	\$ 1,436
<b>PLUMBING TOTALS</b>			<b>395</b>	<b>\$ 3,024</b>	<b>\$ 10,995</b>	<b>\$ 15,798</b>
P I P I N G	QUAN	DESCRIPTION				
	1	Refrigerant Piping	33.1	33	\$ -	\$ 669
	1	Condensate Piping	9	9	\$ -	\$ 163
	1	Travel	3	3	\$ -	\$ 73
	1	-	0	0	\$ -	\$ -
	1	-	0	0	\$ -	\$ -
	1	-	0	0	\$ -	\$ -
	1	-	0	0	\$ -	\$ -
	1	10% ADD FOR 1" & DOWN PIP	0	0	\$ -	\$ -
		- TAG & ID		0	\$ -	\$ -
	- SUPERVISION 10.0%		5	\$ -	\$ 180	
<b>PIPING TOTALS</b>			<b>50</b>	<b>0</b>	<b>904</b>	<b>1,984</b>
S H E E T	#S OF DUCT:	1,664			\$ 1,810	
	LABOR RATES				\$ -	
	\$ 40.00 SHOP		59		\$ -	\$ 2,360
	\$ 40.00 HANDLING		15		\$ -	\$ 592
	\$ 40.00 FIELD		110		\$ -	\$ 4,400
M E T A L	QUAN	DESCRIPTION				
		Sheetmetal Shop Expense				\$ 582
	1	20% FIELD CORR. FACTOR	0	0	\$ -	\$ -
	1	Misc. Equipment Take-off	53	53	\$ -	\$ 985
	1	Mechanical Reqs	0	0	\$ 2,685	\$ -
	1	Trane	0	0	\$ 3,800	\$ -
	1	Make Safe	16	16	\$ -	\$ 100
	1	Travel	12	12	\$ -	\$ 385
	1	-	0	0	\$ -	\$ -
	1	-	0	0	\$ -	\$ -
	- SUPERVISION 10.0%		26	\$ -	\$ 1,059	
<b>SHEETMETAL TOTALS</b>			<b>291</b>	<b>\$ 6,485</b>	<b>\$ 3,280</b>	<b>\$ 11,651</b>
<b>HVAC TOTALS</b>			<b>341</b>	<b>\$ 6,485</b>	<b>\$ 4,185</b>	<b>\$ 13,635</b>
S U B & M I S C	LINE	DESCRIPTION	VENDOR			SUBCONTRACTOR
	1	INSULATION	Chaparral		\$ -	\$ 2,190
	2	TEMP CONTROLS	Automated		\$ -	\$ 3,670
	3	CT&S	LPI		\$ 740	\$ -
	4	Test and Balance	PHI		\$ -	\$ 770
	5	-			\$ -	\$ -
	6	-			\$ -	\$ -
	7	CLEAN UP CREW	2.0%		\$ -	\$ 589
	8	EQUIPMENT RENTAL			\$ -	\$ 3,454
	9	SU; T & B; G & A			\$ 3,348	\$ 7,795
	- SMALL TOOL/MISC MTL/WARRANTY			\$ 2,706	\$ 380	
<b>SUB &amp; MISC. TOTALS</b>				<b>\$ -</b>	<b>\$ 3,446</b>	<b>\$ 3,937</b>
M I S C	STARTUP LABOR RATE:	\$ 90.00	<b>SUMMARY</b>			
	EQUIPMENT ADJUSTMENT:	\$ -		<b>HVAC</b>	<b>SUB &amp; MISC.</b>	<b>PLUMBING</b>
	WARRANTY %:	4%				<b>TOTALS</b>
	MISC. MATERIAL %:	17%				
	DESCRIPTION:					
	Pricing for Building J	0.00%				
		10%				
		10%				
<b>JOB TOTAL BID</b>			<b>\$ 102,121</b>			
<b>% M/U v LABOR</b>			<b>20.1%</b>	<b>71.7%</b>	<b>23.6%</b>	<b>27.8%</b>

**Lochridge Priest**

**GENERAL ADMININSTRATIVE &  
MISCELLANEOUS SUMMARY**

PRINT TIME: 3/8/2018 6:15  
 BID DATE: 3/8/2018  
 EST. NO.: CP-08

JOB NAME: Williamson County Courthouse  
 LOCATION: Building J Sign Shop

GEN & ADMIN DESCRIPTION	UNIT COST	UNIT MEASURE	QUANTITY	TOTAL COST
1 PROJECT MANAGER	\$ 75	Hr	27.59	\$ 2,070
2 ASSISTANT PROJECT MANAGER	\$ 10,700	Month	0.00	\$ -
3 SUPERINTENDENT	\$ 15,500	Month	0.05	\$ 775
4 SECRETARIES	\$ 3,500	Month	0.00	\$ -
5 PROJECT OFFICE	\$ 2,062	Month	0.00	\$ -
6 ENGINEERING	\$ 99	Hour	0.00	\$ -
7 TELEPHONE/FAX/OFFICE SUPPLIES	\$ 1,000	Month	0.00	\$ -
8 SHEET METAL CARTAGE	\$ 700	Trip	1.00	\$ 700
9 PICK-UP & DELIVERIES	\$ 375	Each	0.00	\$ -
10 NEW HIRE COSTS/SAFETY TRAINING	\$ 500	Each	0.00	\$ -
11 ESTIMATING	\$ 80	Hour	20.00	\$ 1,602
12 SHOP & RECORD DRAWINGS - 8% OF LABOR	\$ 45	Hour	58.87	\$ 2,649

**GENERAL ADMINISTRATIVE SUMMARY TOTAL** → **\$ 7,795**

**EQUIPMENT RENTAL**

DESCRIPTION	UNIT COST	UNIT MEASURE	QUAN.	TOTAL COST
185 CFM AIR COMP W/HOSES	\$ 2,174.00	MONTH	0	\$ -
SCISSOR LIFT -- 15 FT ELEC	\$ 350.00	MONTH	4	\$ 1,400
GENERATOR - 4000 WATT	\$ 457.00	MONTH	0	\$ -
FORK LIFT -- WAREHOUSE 5000LB	\$ 1,716.00	MONTH	0	\$ -
SKYTRACK	\$ 3,457.00	MONTH	0	\$ -
WELDING MACHINE - GASOLINE	\$ 692.00	MONTH	0	\$ -
BACKHOE -- 12 FT	\$ 3,082.00	MONTH	0.5	\$ 1,541
TRACKHOE -- 13-15 FT	\$ 5,102.00	MONTH	0	\$ -
COMPACTOR	\$ 500.00	MONTH	0.5	\$ 250
TRENCHER	\$ 9,500.00	Week	0	\$ -
TRENCHER DELIVERY/PICKUP	\$ 750.00	LOT	0	\$ -
FUEL	\$ 1,073.00	LOT	0	\$ -
RENTAL EQUIPMENT INSURANCE	\$ -		0	\$ -
RENTAL EQUIPMENT TAX				\$ 263
<b>TOTAL EQUIP RENTAL</b>				<b>\$ 3,454</b>

**BALANCE -- STARTUP  
AIR & WATER**

QUAN	DESCRIPTION	PIPING		SHEETMETAL		PIPING		SHEETMETAL	
		STRTUP UNIT	BAL UNIT	STRTUP UNIT	BAL UNIT	STRTUP EXT	BAL EXT	STRTUP EXT	BAL EXT
1	Building J	0.00	0.00	37.20	0.00	0	0	37	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	-	0.00	0.00	0.00	0.00	0	0	0	0
0	G/R/D	0.00	0.00	0.00	0.50	0	0	0	0
<b>SUB-TOTALS</b>						<b>0</b>	<b>0</b>	<b>37</b>	<b>0</b>
						<b>PIPING</b>		<b>SHT MTL</b>	
<b>START UP TOTALS</b>						<b>0 MANHRS</b>		<b>37 MANHRS</b>	
<b>BALANCE TOTALS</b>						<b>0 MANHRS</b>		<b>0 MANHRS</b>	
		<b>MNHR</b>		<b>COST</b>					
<b>STARTUP - PIPING</b>		<b>0</b>		<b>\$ -</b>					
<b>STARTUP - SHEETMETAL</b>		<b>37</b>		<b>\$ 3,348.00</b>					
<b>BALANCE - PIPING</b>		<b>0</b>		<b>\$ -</b>					
<b>BALANCE - SHEETMETAL</b>		<b>0</b>		<b>\$ -</b>					
<b>TOTAL</b>		<b>37</b>		<b>\$ 3,348.00</b>					

**LOCHRIDGE-PRIEST, INC**

**Recap with total cost**

**Project Name:** Wilco Sign Shop ✓  
**Bid ID:** 5/3/2017DA  
**Report Date:** 3/5/2018  
**Time:** 8:02:03AM  
**Profile Name:** Standard  
**Labor Book:** PHCC  
**Scoped By:** Base Bid; System: DCW, DHW;



# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: DCW, DHW;

Page 3 of 6

Date: 3/5/2018

Time: 8:02 am

### Valves

#### Bronze - Soldered Ball - 95/5

Material Multiplier: V0RA0 - NIB - Bronze Ball Valves - NIB : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
150# Nib S58566LF	3/4	10	99.00	1,485.00	0.63	6	0	1,485
<b>Bronze - Soldered Ball - 95/5 Totals:</b>		<u>10</u>		<u>1,485</u>		<u>6</u>	<u>0</u>	<u>1,485</u>

<b>Valves Totals:</b>		<u>10</u>		<u>1,485</u>		<u>6</u>	<u>0</u>	<u>1,485</u>
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### Hanger Components

#### - Clevis -

Material Multiplier: 1072 - PVC DWV FTG 1-1/4 - 4 : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Fig 65 Clevis	3	35	2.15	112.88	0.00	0	0	113
<b>- Clevis - Totals:</b>		<u>35</u>		<u>113</u>		<u>0</u>	<u>0</u>	<u>113</u>

#### - Rods -

Material Multiplier: 1467 - ALL THREAD ROD CBN OTHERS : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Allthread - Galv	3/8	296	0.18	79.92	0.00	0	0	80
<b>- Rods - Totals:</b>		<u>296</u>		<u>80</u>		<u>0</u>	<u>0</u>	<u>80</u>

#### - Struct Attach-Conc -

Material Multiplier: H0001 - Hanger Materials - GRN : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Wedge Anchors	3/8	35	0.50	26.25	0.00	0	0	26
<b>- Struct Attach-Conc - Totals:</b>		<u>35</u>		<u>26</u>		<u>0</u>	<u>0</u>	<u>26</u>

#### galvanized - Saddles & Shields -

Material Multiplier: 1 - DOM CS CW GRD-A BLK PE 1/8 - 3/8 : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Fig 167 Insl Shield	2-3/4	30	0.75	33.75	0.45	14	0	34

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: DCW, DHW;

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Date: 3/5/2018

Time: 8:02 am

### Hanger Components

#### galvanized - Saddles & Shields -

Material Multiplier: 1 - DOM CS CW GRD-A BLK PE 1/8 - 3/8 : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Fig 167 Insl Shield								
	3	5	0.75	5.63	0.45	2	0	6
<b>galvanized - Saddles &amp; Shields - Totals:</b>								
		<u>35</u>		<u>39</u>		<u>16</u>	<u>0</u>	<u>39</u>
<b>Hanger Components Totals:</b>		<u>401</u>		<u>258</u>		<u>16</u>	<u>0</u>	<u>258</u>

### Labor

#### Hangers

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Clevis(Pipe Sleeve Hang)								
	3	35	0.00	0.00	0.90	32	0	0
<b>Hangers Totals:</b>								
		<u>35</u>		<u>0</u>		<u>32</u>	<u>0</u>	<u>0</u>
<b>Labor Totals:</b>		<u>35</u>		<u>0</u>		<u>32</u>	<u>0</u>	<u>0</u>

### Misc. Consumables

#### - Copper Joints Emory Cloth -

Material Multiplier: XNET - Net Material Price : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Emory Cloth								
	Emory Cloth	1	0.50	0.41	0.00	0	0	0
<b>- Copper Joints Emory Cloth - Totals:</b>								
		<u>1</u>		<u>0</u>		<u>0</u>	<u>0</u>	<u>0</u>

#### - Copper Joints Flux -

Material Multiplier: XNET - Net Material Price : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Flux								
	Sta-Brite Flux	1	6.50	10.09	0.00	0	0	10
<b>- Copper Joints Flux - Totals:</b>								
		<u>1</u>		<u>10</u>		<u>0</u>	<u>0</u>	<u>10</u>

#### - Copper Joints Solder -

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: DCW, DHW;

Page 5 of 6

Date: 3/5/2018

Time: 8:02 am

### Misc. Consumables

#### - Copper Joints Solder -

Material Multiplier: XNET - Net Material Price : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Solder								
	95/5	1	9.14	14.19	0.00	0	0	14
<b>- Copper Joints Solder - Totals:</b>		<u>1</u>		<u>14</u>		<u>0</u>	<u>0</u>	<u>14</u>

#### - Gases -

Material Multiplier: XNET - Net Material Price : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Gases								
	Propane	46	0.25	17.32	0.00	0	0	17
<b>- Gases - Totals:</b>		<u>46</u>		<u>17</u>		<u>0</u>	<u>0</u>	<u>17</u>

<b>Misc. Consumables Totals:</b>	<u>49</u>		<u>42</u>		<u>0</u>	<u>0</u>	<u>42</u>
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### Misc. Steel Items

#### - Bolts,Nuts&Washers -

Material Multiplier: 1072 - PVC DWV FTG 1-1/4 - 4 : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Washers- Galvanized								
	3/8	105	0.04	6.30	0.00	0	0	6

Material Multiplier: XNET - Net Material Price : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Nuts - Galvanized								
	3/8	105	0.05	7.88	0.00	0	0	8

<b>- Bolts,Nuts&amp;Washers - Totals:</b>	<u>210</u>		<u>14</u>		<u>0</u>	<u>0</u>	<u>14</u>
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<b>Misc. Steel Items Totals:</b>	<u>210</u>		<u>14</u>		<u>0</u>	<u>0</u>	<u>14</u>
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### Plug Item

#### - Plug Item -

Material Multiplier: - Plug Item Net : 1.00

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
WH Accessories								
		1	250.00	250.00	6.00	6	0	250

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: DCW, DHW;

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Date: 3/5/2018

Time: 8:02 am

### Plug Item

- Plug Item - Totals:

	1	250	6	0	250
<b>Plug Item Totals:</b>	1	250	6	0	250

	<u>Material Cost</u>	<u>Total Hrs.</u>	<u>Labor Cost</u>	<u>Total Cost</u>
<b>Grand Totals</b>	\$3,138 ✓	98 ✓	\$0	\$3,138

\* Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports

**LOCHRIDGE-PRIEST, INC**

**Recap with total cost**

**Project Name:** Wilco Sign Shop ✓  
**Bid ID:** 5/3/2017DA  
**Report Date:** 3/5/2018  
**Time:** 7:59:29AM  
**Profile Name:** Standard  
**Labor Book:** PHCC  
**Scoped By:** Base Bid; System: COMPRESSED AIR;

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: COMPRESSED AIR;

Page 2 of 5

Date: 3/5/2018

Time: 7:59 am

### Pipe

#### Carbon Steel - Plain End Black Sch 40 - SockWld

Material Multiplier: 3 - DOM CS CW GRD-A BLK PE 1/2 & UP : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
A53 CW								
1		125	1.66	312.09	0.12	15	0	312
<b>Carbon Steel - Plain End Black Sch 40 - SockWld Totals:</b>		<u>125</u>		<u>312</u>		<u>15</u>	<u>0</u>	<u>312</u>
<b>Pipe Totals:</b>		<u>125</u>		<u>312</u>		<u>15</u>	<u>0</u>	<u>312</u>

### Fittings

#### Forged Steel - Socketweld - 3000# - SockWld

Material Multiplier: 291 - DOM FS FTG 2M-3M 1/2-2 : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
90 Deg Elbow								
1		8	4.80	57.62	1.20	10	0	58
Coupling								
1		2	2.70	8.09	1.20	2	0	8
Tee								
1		1	7.40	11.09	1.80	2	0	11
<b>Forged Steel - Socketweld - 3000# - SockWld Totals:</b>		<u>11</u>		<u>77</u>		<u>14</u>	<u>0</u>	<u>77</u>
<b>Fittings Totals:</b>		<u>11</u>		<u>77</u>		<u>14</u>	<u>0</u>	<u>77</u>

### Valves

#### Bronze - Threaded Ball WOG - Thread

Material Multiplier: 755 - MILWAUKEE BRZ BV : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
600# Mil 20BBOR-02								
1		1	83.20	124.80	1.44	1	0	125
<b>Bronze - Threaded Ball WOG - Thread Totals:</b>		<u>1</u>		<u>125</u>		<u>1</u>	<u>0</u>	<u>125</u>
<b>Valves Totals:</b>		<u>1</u>		<u>125</u>		<u>1</u>	<u>0</u>	<u>125</u>

### Hanger Components

#### - Clevis -

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: COMPRESSED AIR;

Page 3 of 5

Date: 3/5/2018

Time: 7:59 am

### Hanger Components

#### - Clevis -

Material Multiplier: 1072 - PVC DWV FTG 1-1/4 - 4 : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Fig 65 Clevis								
1		17	1.92	48.96	0.00	0	0	49
<b>- Clevis - Totals:</b>		<u>17</u>		<u>49</u>		<u>0</u>	<u>0</u>	<u>49</u>

#### - Rods -

Material Multiplier: 1467 - ALL THREAD ROD CBN OTHERS : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Allthread - Galv								
3/8		68	0.18	18.36	0.00	0	0	18
<b>- Rods - Totals:</b>		<u>68</u>		<u>18</u>		<u>0</u>	<u>0</u>	<u>18</u>

#### - Struct Attach-Conc -

Material Multiplier: H0001 - Hanger Materials - GRN : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Wedge Anchors								
3/8		17	0.50	12.75	0.00	0	0	13
<b>- Struct Attach-Conc - Totals:</b>		<u>17</u>		<u>13</u>		<u>0</u>	<u>0</u>	<u>13</u>

<b>Hanger Components Totals:</b>	<u>102</u>		<u>80</u>		<u>0</u>	<u>0</u>	<u>80</u>
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### Labor

#### Hangers

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Clevis(Pipe Sleeve Hang)								
1		17	0.00	0.00	0.75	13	0	0
<b>Hangers Totals:</b>		<u>17</u>		<u>0</u>		<u>13</u>	<u>0</u>	<u>0</u>

<b>Labor Totals:</b>	<u>17</u>		<u>0</u>		<u>13</u>	<u>0</u>	<u>0</u>
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### Misc. Consumables

#### - CS Joints CS Threaded Joint -



# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: COMPRESSED AIR;

Page 5 of 5

Date: 3/5/2018

Time: 7:59 am

### Misc. Steel Items

#### - Bolts,Nuts&Washers -

Material Multiplier: 1072 - PVC DWV FTG 1-1/4 - 4 : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Washers- Galvanized	3/8	51	0.04	3.06	0.00	0	0	3

Material Multiplier: XNET - Net Material Price : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Nuts - Galvanized	3/8	51	0.05	3.83	0.00	0	0	4

**- Bolts,Nuts&Washers - Totals:**

<b>102</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>
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**Misc. Steel Items Totals:**

<b>102</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>7</b>
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	<u>Material Cost</u>	<u>Total Hrs.</u>	<u>Labor Cost</u>	<u>Total Cost</u>
<b>Grand Totals</b>	<b>\$635</b>	<b>43</b>	<b>\$0</b>	<b>\$635</b>

\* Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports

**LOCHRIDGE-PRIEST, INC**

**Recap with total cost**

**Project Name:** Wilco Sign Shop ✓  
**Bid ID:** 5/3/2017DA  
**Report Date:** 3/5/2018  
**Time:** 8:11:58AM  
**Profile Name:** Standard  
**Labor Book:** PHCC  
**Scoped By:** Base Bid; System: SW-AG, VENT;

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 8:11:31 AM

Base Bid; System: SW-AG, VENT;

Page 2 of 4

Date: 3/5/2018

Time: 8:11 am

### Pipe

#### Cast Iron - Soil, No-Hub, - NoHub

Material Multiplier: 1215 - NH CI SOIL PIPE 2 - 4 : 1.20

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Pipe 10 ft NH								
3		12	15.41	226.53	0.11	1	0	227
4		112	20.01	2,693.25	0.12	13	0	2,693
<b>Cast Iron - Soil, No-Hub, - NoHub Totals:</b>								
		<u>124</u>		<u>2,920</u>		<u>15</u>	<u>0</u>	<u>2,920</u>
<b>Pipe Totals:</b>		<u>124</u>		<u>2,920</u>		<u>15</u>	<u>0</u>	<u>2,920</u>

### Fittings

#### Cast Iron - Soil, No-Hub, - NoHub

Material Multiplier: 1224 - NH CI SOIL FTG 1-1/2 - 4 : 1.20

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
1/4 Bend Red								
4x3		5	33.51	201.08	1.13	6	0	201

Material Multiplier: 1229 - NH TOP 100 CI SOIL FTG : 1.20

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
1/4 Bend								
3		1	23.00	27.60	1.05	1	0	28
4		6	34.00	244.80	1.20	7	0	245
Combination - Red								
4x4x3		3	26.97	97.08	1.73	5	0	97
San Tee								
4		8	53.00	508.80	1.80	14	0	509
Test Tee w/Plug								
4		5	28.71	172.27	1.80	9	0	172

Material Multiplier: 1261 - STD NH COUP : 1.20

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
No-Hub Coupling								
3		10	11.25	135.00	0.00	0	0	135
4		47	13.12	739.97	0.00	0	0	740

**Cast Iron - Soil, No-Hub, - NoHub Totals:**

	<u>85</u>		<u>2,127</u>		<u>42</u>	<u>0</u>	<u>2,127</u>
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<b>Fittings Totals:</b>	<u>85</u>		<u>2,127</u>		<u>42</u>	<u>0</u>	<u>2,127</u>
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### Hanger Components

- Clevis -

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 8:11:31 AM

Base Bid; System: SW-AG, VENT;

Page 3 of 4

Date: 3/5/2018

Time: 8:11 am

### Hanger Components

#### - Clevis -

Material Multiplier: H0003 - Hanger Materials - C&P : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Fig 260 Clevis								
	3	5	1.89	14.19	0.00	0	0	14
	4	9	2.28	30.78	0.00	0	0	31
<b>- Clevis - Totals:</b>		<u>14</u>		<u>45</u>		<u>0</u>	<u>0</u>	<u>45</u>

#### - Rods -

Material Multiplier: 1467 - ALL THREAD ROD CBN OTHERS : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Allthread - Galv								
	1/2	20	0.35	10.50	0.00	0	0	11
	5/8	66	0.61	60.39	0.00	0	0	60
<b>- Rods - Totals:</b>		<u>86</u>		<u>71</u>		<u>0</u>	<u>0</u>	<u>71</u>

#### - Struct Attach-Conc -

Material Multiplier: H0001 - Hanger Materials - GRN : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Wedge Anchors								
	1/2	5	0.50	3.75	0.00	0	0	4
	5/8	9	0.50	6.75	0.00	0	0	7
<b>- Struct Attach-Conc - Totals:</b>		<u>14</u>		<u>11</u>		<u>0</u>	<u>0</u>	<u>11</u>

<b>Hanger Components Totals:</b>	<u>114</u>		<u>126</u>		<u>0</u>	<u>0</u>	<u>126</u>
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### Labor

#### Hangers

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
Clevis(Pipe Sleeve Hang)								
	3	5	0.00	0.00	0.90	5	0	0
	4	9	0.00	0.00	1.05	9	0	0
<b>Hangers Totals:</b>		<u>14</u>		<u>0</u>		<u>14</u>	<u>0</u>	<u>0</u>

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 8:11:31 AM

Base Bid; System: SW-AG, VENT;

Page 4 of 4

Date: 3/5/2018

Time: 8:11 am

<b>Labor Totals:</b>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>0</u>
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### Misc. Steel Items

#### - Bolts,Nuts&Washers -

Material Multiplier: 1072 - PVC DWV FTG 1-1/4 - 4 : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Washers- Galvanized								
	1/2	15	0.09	2.03	0.00	0	0	2
	5/8	27	0.16	6.48	0.00	0	0	6

Material Multiplier: XNET - Net Material Price : 1.50

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Nuts - Galvanized								
	1/2	15	0.10	2.25	0.00	0	0	2
	5/8	27	0.18	7.29	0.00	0	0	7

- Bolts,Nuts&Washers - Totals:

	<u>84</u>	<u>18</u>	<u>0</u>	<u>0</u>	<u>18</u>
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<b>Misc. Steel Items Totals:</b>	<u>84</u>	<u>18</u>	<u>0</u>	<u>0</u>	<u>18</u>
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### Plug Item

#### - Plug Item -

Material Multiplier: - Plug Item Net : 1.00

<u>Item</u>	<u>Size</u>	<u>Quantity</u>	<u>Price</u>	<u>Mat. Cost</u>	<u>Unit Lab.Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	<u>Total Cost</u>
Sleeves								
		4	25.00	100.00	1.00	4	0	100
VTR								
		1	85.00	85.00	4.00	4	0	85

- Plug Item - Totals:

	<u>5</u>	<u>185</u>	<u>8</u>	<u>0</u>	<u>185</u>
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<b>Plug Item Totals:</b>	<u>5</u>	<u>185</u>	<u>8</u>	<u>0</u>	<u>185</u>
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	<u>Material Cost</u>	<u>Total Hrs.</u>	<u>Labor Cost</u>	<u>Total Cost</u>
<b>Grand Totals</b>	\$5,376 ✓	79 ✓	\$0	\$5,376

\* Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports

**LOCHRIDGE-PRIEST, INC**

**Recap with total cost**

**Project Name:** Wilco Sign Shop ✓  
**Bid ID:** 5/3/2017DA  
**Report Date:** 3/5/2018  
**Time:** 8:07:08AM  
**Profile Name:** Standard  
**Labor Book:** PHCC  
**Scoped By:** Base Bid; System: SW-UG;

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: SW-UG;

Page 2 of 3

Date: 3/5/2018

Time: 8:07 am

### Pipe

#### Cast Iron - Soil, SV, Hub & Spigot - Push

Material Multiplier: 1199 - SW CI SOIL PIPE 2 - 4 : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
5 ft Single Hub								
3		1	12.16	21.27	0.14	0	0	21
4		10	14.10	201.48	0.15	1	0	201
<b>Cast Iron - Soil, SV, Hub &amp; Spigot - Push Totals:</b>								
		<u>11</u>		<u>223</u>		<u>2</u>	<u>0</u>	<u>223</u>
<b>Pipe Totals:</b>		<u>11</u>		<u>223</u>		<u>2</u>	<u>0</u>	<u>223</u>

### Fittings

#### Cast Iron - Soil, SV, Hub & Spigot - Push

Material Multiplier: 1209 - SW CI SOIL FTG 1-1/2 - 4 : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
1/4 Bend								
4		2	29.83	89.48	1.50	3	0	89
Combination								
4		1	52.19	78.28	2.25	2	0	78
Combination - Red								
4x4x3		1	45.40	68.09	2.18	2	0	68
<b>Material Multiplier: 1258 - SV &amp; XH GSKT : 1.50</b>								
Gasket - SV								
3		1	3.48	5.21	1.35	1	0	5
4		9	4.34	58.58	1.50	14	0	59
<b>Cast Iron - Soil, SV, Hub &amp; Spigot - Push Totals:</b>								
		<u>14</u>		<u>300</u>		<u>22</u>	<u>0</u>	<u>300</u>
<b>Fittings Totals:</b>		<u>14</u>		<u>300</u>		<u>22</u>	<u>0</u>	<u>300</u>

### Misc. Consumables

#### - CI Joints DWV Lube -

Material Multiplier: XNET - Net Material Price : 1.50

Item	Size	Quantity	Price	Mat. Cost	Unit Lab.Hr	Total Hrs	Labor Cost	Total Cost
DWV Lube								
SV Lube		0	1.45	0.30	0.00	0	0	0
<b>- CI Joints DWV Lube - Totals:</b>								
		<u>0</u>		<u>0</u>		<u>0</u>	<u>0</u>	<u>0</u>

# LOCHRIDGE-PRIEST, INC

## Recap with total cost

There were no calculation messages.

Project Name: Wilco Sign Shop

Bid ID: 5/3/2017DA

Data Calculated: 3/5/2018 7:58:59 AM

Base Bid; System: SW-UG;

Page 3 of 3

Date: 3/5/2018

Time: 8:07 am

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<b>Misc. Consumables Totals:</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
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	<u>Material Cost</u>	<u>Total Hrs.</u>	<u>Labor Cost</u>	<u>Total Cost</u>
<b>Grand Totals</b>	\$523 ✓	24 ✓	\$0	\$523

\* Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports

EXCAVATION

350

16



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
 Fax 214-276-0945



# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	
PAGE NO.	
1 of 13	

QUOTE TO:

SHIP TO:

JOB QUOTATION  
 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
1460	WILLIAMSON CO		HOUSE SALES
WRITER		SHIP VIA	SHIP DATE
RUSSELL STOORZA		BID	05/04/2017
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
	<p align="center"><b>SHIPPING INSTRUCTIONS</b></p> <p>QUOTATION FOR WILLIAMSON CO N FACILITY BLDG J</p> <p>*****</p> <p>MISSING (1) LH            MISSING (1) SS-1            MISSING (1) WB            MISSING (1) KSH            *****</p> <p>UPDATED PRICING 2/27/18 LDH</p>		
1ea	<p>*            WH-1J            *</p> <p>PCE-20-1OMS-A STATE COMM ELE HTR,            240V/3KW/1PH</p> <p align="right">Subtotal -----WH-1J</p>		646.78
1ea	<p>*            WH-1J ACCESSORIES            *</p> <p>34-VR10-XL 3/4 VAC RELIEF VALVE</p>	19.389/ea	19.39
** Continued on Next Page *		Subtotal	
		S&H Charges	
		Amount Due	



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
 Fax 214-276-0945



# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	PAGE NO.
	2 of 13

QUOTE TO:

SHIP TO:

JOB QUOTATION  
 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE	
1ea	J-NC(BX9140307) THERM. L/WELL 30-240 DEG (9IT-T100A)	40.277/ea	40.28	
1ea	J-NC(3-4F2-PBF) THERM. WELL BRASS F/#9IT/BX9 (W01)	14.861/ea	14.86	
1ea	XT-8 8 LITER EXPANSION TANK	25.778/ea	25.78	
1ea	50-SWHP SUSPENDED WATER HEATER PAN UP TO 50GAL OR 600LBS	265.505/ea	265.51	
1ea	50-SWHP-WM WALL MOUNT HTR PLATFORM HOLDS UP TO 50 GALLON OR 600LBS	265.502/ea	265.50	
	Subtotal -----WH-1J ACCESSORIES		631.32	
	* WCH1			
	* K-4327-0, KOHLER ELONATED BOWL W/ PRESSURE LITE FLUSHING TECHNOLOGY , FLOOR MOUNT , BACK OUTLET, TANK TYPE , WHITE			
1ea	K-4484-0 KOHLER WHITE P/A TANK 1.0GPF			
1ea	K-4650-0, KOHLER WHITE LUSTRA ELNG OFWC SEAT			
1pr	L-R20SNW-TP CLO BOLT SET 1/4 X 2-1/4"			
** Continued on Next Page *		Subtotal		
		S&H Charges		
		Amount Due		



# Quotation



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
2411 SHORECREST DR.  
DALLAS, TX 75235  
214-276-0944  
Fax 214-276-0945

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	
PAGE NO.	
3 of 13	

QUOTE TO:

SHIP TO:

JOB QUOTATION  
HALTOM CITY, TX 76117

JOB QUOTATION  
WILLIAMSON CO N CAMPUS FAC BLDG J  
HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
1460	WILLIAMSON CO		HOUSE SALES
WRITER		SHIP VIA	SHIP DATE
RUSSELL STOORZA		BID	05/04/2017
FREIGHT ALLOWED		No	
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
1pr	L-R14SNW-TP CLO SCREW SET 5/16X2-1/4		
1ea	MZ8806CRLKQ-XL-8870-12PCD CLOSUP 1/2"SWTX3/8"C LK SS FL		
	Subtotal -----WCH1		579.52
	* WCH1 ALTERNATE		
	* 3701.001.020 YORKVILLE PA 1.6/1.1GPF 16-		
1ea	4142.801.020 PA TANK 1.1 GPF W/RH TANK LEVER		
1ea	1500STSCCSS CENTOCO WHT POSTURE MOLD O/F LESS COVER(9500,9400)		
1pr	L-R20SNW-TP CLO BOLT SET 1/4 X 2-1/4"		
1pr	L-R14SNW-TP CLO SCREW SET 5/16X2-1/4		
1ea	MZ8806CRLKQ-XL-8870-12PCD CLOSUP 1/2"SWTX3/8"C LK SS FL		
	Subtotal -----WCH1 ALTERNATE		393.08
	* WCH1 ,-ALT CARRIER		
Subtotal			
S&H Charges			
Amount Due			

\*\* Continued on Next Page \*



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
 Fax 214-276-0945



# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	
PAGE NO.	
4 of 13	

QUOTE TO:

SHIP TO:

JOB QUOTATION  
 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
1ea	* Z1212-F ZURN WALL SUPPORT SYSTEM FOR FLR MNT, BACK OUTLET BOWL		70.625/ea	70.63
1ea	Z1201-NL4/NR4-F ZURN SINGLE HORZ WATER CLOSET SUPPORT FITTING FOR FLOOR MOUNTED BACK OUTLET BOWL		119.534/ea	119.53
1ea	Z1202-ND4-F ZURN BACK TO BACK VERTICAL SUPPORT FITTING FOR FLOOR MOUNTED BACK OUTLET BOWLS		239.658/ea	239.66
1ea	Z1202-N4-F ZURN SINGLE VERTICAL SUPPORT FOR FLOOR MOUNTED BACK OULET BOWLS		137.116/ea	137.12
1ea	Z1202-ND4-F ZURN BACK TO BACK VERTICAL SUPPORT FITTING FOR FLOOR MOUNTED BACK OUTLET BOWLS		239.658/ea	239.66
	Subtotal -----WCH1, -ALT CARRIER			806.60
1ea	* SS1 * 28CF MUSTEE BIGTUB UTILITY TUB COMBO WITH FAUCET, STRAINER, SUPPLY LINE AND P-TRAP			
2ea	KTR19X-C LEAD FREE 1/2SX3/8OD C 1/4TURN ANG STOP			
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
 Fax 214-276-0945



# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	PAGE NO.
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QUOTE TO:

SHIP TO:

JOB QUOTATION  
 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
2ea	L-R168 ESCH 5/8"OD CP SHALLOW			
		Subtotal -----SS1		244.56
	*			
	RPZ			
	*			
1ea	12-375XL WILKINS 1/2" RPZ BACKFLOW PREVENTER (USE AG-11 AIR GAP)			
1ea	12-SXL LEAD FREE 1/2 BRZ Y-STR FIPXFIP			
1ea	AG-11 1/2"-1" WILKINS 375 AIR GAP			
		Subtotal -----RPZ		204.73
	*			
	FCO			
	*			
1ea	ZN1400-BP-VP 2" ZURN NICKEL BRONZE FLR C/O W/BRASS PLUG, VP SCREWS		52.274/ea	52.27
1ea	ZN1400-BP-VP 3" ZURN NICKEL BRONZE FLOOR C/O, BRASS PLUG, V/P SCREWS		55.106/ea	55.11
1ea	ZN1400-BP-4" ZURN FLOOR C/OUT WITH NI/BRONZE TOP AND BRASS PLUG		73.750/ea	73.75
		Subtotal -----FCO		181.13
	*			
			Subtotal	
			S&H Charges	
			Amount Due	

\*\* Continued on Next Page \*



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
 Fax 214-276-0945



# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	
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QUOTE TO:

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JOB QUOTATION  
 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
	WCO			
	*			
1ea	ZS1469-4 4" RND ACCESS COVER (2-3-1/2"PIPE SIZE)		11.564/ea	11.56
1ea	ZS1469-5 5" RND ACCESS COVER (2-3-1/2"PIPE SIZE)		11.564/ea	11.56
1ea	ZS1469-7 7" RD ACCESS COVER (4-5" PIPE SIZE)		14.042/ea	14.04
		Subtotal -----WCO		37.16
	GCO			
	*			
1ea	Z1400-BP 2" ZURN FLR C/O,CAST IRON TOP, BRASS PLUG		42.480/ea	42.48
1ea	Z1400-BP 3" ZURN FLR C/O,CAST IRON TOP, BRASS PLUG		48.734/ea	48.73
1ea	Z1400-BP 4" ZURN FLR C/O, CAST IRON TOP, BRASS PLUG		57.938/ea	57.94
		Subtotal -----GCO		149.15
	FD			
	*			
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
2411 SHORECREST DR.  
DALLAS, TX 75235  
214-276-0944  
Fax 214-276-0945

# Quotation

EXPIRATION DATE	QUOTE NUMBER
03/03/2018	S100155394
EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	PAGE NO.
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QUOTE TO:

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JOB QUOTATION  
WILLIAMSON CO N CAMPUS FAC BLDG J  
HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
1ea	S-Z(ZN415-2NH-5BZI) ZURN F/DRN 2NH EZ-1 LEVELING NIKTOP, COVER & TEST PUG		40.356/ea	40.36
1ea	S-Z(ZN415-5BZ1) ZURN F/DRN 2NL/3NH EZ-1 LEVELING NIKTOP,COVER & TEST PLUG		40.356/ea	40.36
1ea	S-Z(ZN415-3NL-5BZ1)ZURN F/DRN 3NL/4NH EZ-1 LEVELING NIKTOP, COVER & TEST PLUG		40.356/ea	40.36
1ea	S-Z(ZN415-4L-5BZ1) ZURN F/DRN 4NL EZ-1 LEVELING NIKTOP,COVER & TEST PLUG		40.356/ea	40.36
		Subtotal -----FD		161.44
	* WHA			
	* TP			
1ea	SC-500A 1/2"THD SHK ARR (CL-A)		8.693/ea	8.69
1ea	SC-750B 3/4"THD SHK ARR (CL-B)		11.250/ea	11.25
1ea	SC-1000 1"THD SHK ARR (CL-C)		24.205/ea	24.20
		Subtotal -----WHA		44.14
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
 DALLAS, TX 75235  
 214-276-0944  
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EXPIRATION DATE	QUOTE NUMBER
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JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
1ea	PR-500 TRAP PRIMER (MR-500)			
	1 TO 4 DRAINS			
1ea	DU-U UNIV DIST UN (MI-DU)			
	Subtotal -----TP			48.92
	* AP *			
1ea	UA1010 10X10"PRIME DR (DW10X10PC/SDL)		11.364/ea	11.36
1ea	UA1212 12X12"PRIME DR (DW12X12PC/SDL)		11.663/ea	11.66
1ea	UA1414 14X14"PRIME DR (DW14X14PC/SDL)		14.055/ea	14.05
1ea	UA1616 16X16"PRIME DR (DW16X16PC/SDL)		17.643/ea	17.64
	Subtotal -----AP			54.71
	* TG *			
1ea	2692-0350 QUAD CLOSE 3-1/2" TRAP SEAL, FIT INSIDE STRAINER OF FLOOR DRAIN (NOT MIFAB)(SS3509)		30.934/ea	30.93
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



"SURPASSING EXPECTATIONS"

EPIC SUPPLY DALLAS  
 2411 SHORECREST DR.  
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 214-276-0944  
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 HALTOM CITY, TX 76117

JOB QUOTATION  
 WILLIAMSON CO N CAMPUS FAC BLDG J  
 HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
1ea	2692-02CS QUAD CLOSE 2" TRAP SEAL, FITS INSIDE 2" CI & PVC (SS2009)		28.409/ea	28.41
1ea	2692-03CS QUAD CLOSE 3" TRAP SEAL, FITS INSIDE 3" CI & PVC (SS3000)		29.672/ea	29.67
1ea	2692-04CS QUAD CLOSE 4" TRAP SEAL, FITS INSIDE 4" CI & PVC (SS4009)		34.723/ea	34.72
	Subtotal -----TG			123.73
	* GR *			
1ea	V-B 3/4" GAS REGULATOR (143-80-2)(B42R13DG75) (5LB TO OZ MAX BTU 1,230,000 BTU)		52.500/ea	52.50
1ea	V-B 1" GAS REGULATOR (143-80-2)(B42R13DG10) (5LB TO OZ, MAX BTU 1,230,000 BTU)		52.500/ea	52.50
1ea	V-B 1-1/4" GAS REGULATOR (143-80-2)(B42R13DG14) (5LB TO OZ, MAX BTU 1,230,000 BTU)		58.068/ea	58.07
1ea	V-B 1-1/2" GAS REGULATOR (CS400)(S-302)(B34SR59BL12) (5LB TO OZ, MAX BTU 3,820,000 BTU)		340.455/ea	340.45
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



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HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
1460	WILLIAMSON CO		HOUSE SALES	
WRITER		SHIP VIA	SHIP DATE	FREIGHT ALLOWED
RUSSELL STOORZA		BID	05/04/2017	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT. PRICE
1ea	V-B 2" GAS REGULATOR (CS400)(S-302)(B34SR59BL20) (5LB TO OZ, MAX BTU 3,820,000 BTU)		340.455/ea	340.45
	Subtotal -----GR			843.97
	***** ***** ADD-ON , USED SCHEDULED ITEMS FROM NORTH CAMPUS JOB, SUBJECT TO APPROVAL ***** ***** * LH *			
1ea	Z5220 ZURN 19X16 UND CTR LAVATORY			
1ea	116.122.AB.1 CHICAGO AC SENSOR SINGLE HOLE LAVATORY FAUCET			
1ea	240.628.21.1, 8"CENTER COVER PLATE ASSEMBLY			
1ea	MZ8743-PC GRID DRAIN 1-1/4" (155A) (KEENY #5680PCCRZE)			
1ea	MZ8700B-PC P-TRAP 1-1/4" W/CO (8872)(KEENEY #5303PC866CRZE)			
** Continued on Next Page *			Subtotal	
			S&H Charges	
			Amount Due	



"SURPASSING EXPECTATIONS"

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HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
1460	WILLIAMSON CO		HOUSE SALES
WRITER		SHIP VIA	SHIP DATE
RUSSELL STOORZA		BID	05/04/2017
FREIGHT ALLOWED		No	
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
1ea	MZ8806-XL-LRLK-PC LAVSUP 1/2"SWTX3/8"C LK (175LK		
1ea	102-E-Z P-TRAP & SUPPLY ADA COVER (X4333)		
1ea	170-LF LEONARD T'STATIC MIX VALVE 3/8" COMPRESSION, LEAD FREE		
	Subtotal -----LH		601.28 ✓
-	TRANSFORMER		
-			
1ea	243.260.00.1 CHICAGO HARDWIRE MULTI-USE TRANSFORMER, SERVES UP TO 8 FAUCETS		
	Subtotal -----TRANSFORMER		37.62 ✓
*	<del>SS-1</del>		
*			
*****			
THERE IS AN SS1 ABOVE ALSO FROM BLDG J SCHEDULE			
*****			
1ea	MSB2424 (63M) 24X24 MOP SINK		
Subtotal			
S&H Charges			
Amount Due			

\*\* Continued on Next Page \*



"SURPASSING EXPECTATIONS"

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EPIC SUPPLY DALLAS 2411 SHORECREST DR. DALLAS, TX 75235 214-276-0944 Fax 214-276-0945	
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CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
1460	WILLIAMSON CO		HOUSE SALES
WRITER		SHIP VIA	SHIP DATE
RUSSELL STOORZA		BID	05/04/2017
FREIGHT ALLOWED		No	
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
1ea	Z843M1-XL-RC (OLD#Z843M1-RC)SVC SNK FCT W/VB SPT		
1ea	MSG2424 (67.2424) S/S SPLASH GUARD		
1ea	832AA (65.700) HOSE & HOSE BRACKET		
1ea	889CC (65.600) MOP HANGER BRACKET		
1ea	E77AA-24 (63.401) 24" VINYL BUMPER GUARD.		
	Subtotal -----SS-1		364.69
*	WB		
*			
1ea	39152 J-O ICE MAKER BOX W/HAMMER ARRESTOR LEAD FREE		
	Subtotal -----WB		26.21
*	KSH		
*			
1ea	DLADA-1933-AGR-4-5.5" JUST DBL SINK 18GA DCR,, 4 HOLE		
1ea	Z871S4-XL-HS-18M, ZURN WIDESPREAD KIT FCT WITH HOSE& SPRAY, 1.5 GPM AERATOR,W/BLADE HDLS		
Subtotal			
S&H Charges			
Amount Due			

\*\* Continued on Next Page \*



"SURPASSING EXPECTATIONS"

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HALTOM CITY, TX 76117

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON
1460	WILLIAMSON CO		HOUSE SALES
WRITER		SHIP VIA	SHIP DATE
RUSSELL STOORZA		BID	05/04/2017
FREIGHT ALLOWED		No	
ORDER QTY	DESCRIPTION	UNIT PRICE	EXT. PRICE
2ea	MZ8741-SS BASKET STRAINER SNK (151A) (KEENY #2431NTPCBLZE)		
1ea	MZ8751-SC CONT. WASTE ASSEMBLY (111) (END OUTLET)		
1ea	MZ8702B-PC P-TRAP 1-1/2" W/CO (8912) (KEENY #5307PC867CRZE)		
1ea	MZ8806-XL-LRLK-PC LAVSUP 1/2"SWTX3/8"C LK (175LK)		
1ea	170-LF LEONARD T'STATIC MIX VALVE 3/8" COMPRESSION, LEAD FREE		
Subtotal -----KSH			641.06

This bid excludes all taxes.  
ASK YOUR SALESPERSON ABOUT WEB COMMERCE  
SEE WHAT'S HAPPENING AT WWW.EPICSUPPLY.COM

Subtotal	6821.80
S&H Charges	0.00
Amount Due	6821.80



## Mark Veselka

---

**From:** corey@worthcen-tex.com  
**Sent:** Tuesday, May 09, 2017 8:58 AM  
**To:** Mark Veselka  
**Subject:** Wilco Building J disinfection

<="" td="">

Mark,

As you requested I am quoting you a price to disinfect the domestic plumbing in **Wilco Building J** in Georgetown, Texas. Total price includes labor, lab samples and test reports.

**Total-\$1950**

If you have any questions please let me know.

### **Corey Holcomb**

Sales and Service

Worth Hydrochem of Central Texas, Inc.

Phone - (254) 717-5343

Email - [corey@worthcen-tex.com](mailto:corey@worthcen-tex.com)



**CONDENSATE / PIPING**

Project		0							
Date		1/0/00			PRICES UPDATED				Jul-08
Item	Item names	Qty	Unit	Labor Unit	Labor Hours	Material Unit	Material Amount		
1	<b>COPPER PIPE TYPE M</b>								
2	3/4"	40	FT	0.04	1.6	\$2.40	\$96.00		
3	1"	0	FT	0.05	0	\$3.15	\$0.00		
4	1 1/4"	0	FT	0.05	0	\$4.65	\$0.00		
5	1 1/2"	0	FT	0.06	0	\$6.50	\$0.00		
6	2"	0	EA	0.07	0	\$10.15	\$0.00		
7									
8	<b>COPPER MALE ADAPTERS</b>								
9	3/4"	1	EA	0.21	0.21	\$2.16	\$2.16		
10	1"	0	EA	0.25	0	\$4.50	\$0.00		
11	1 1/4"	0	EA	0.27	0	\$6.60	\$0.00		
12	1 1/2"	0	EA	0.3	0	\$7.50	\$0.00		
13	2"	0	EA	0.7	0	\$12.70	\$0.00		
14									
15	<b>COPPER FEMALE ADAPTERS</b>								
16	3/4"	1	EA	0.21	0.21	\$2.76	\$2.76		
17	1"	0	EA	0.25	0	\$5.20	\$0.00		
18	1 1/4"	0	EA	0.27	0	\$7.50	\$0.00		
19	1 1/2"	0	EA	0.3	0	\$11.80	\$0.00		
20	2"	0	EA	0.7	0	\$15.90	\$0.00		
21									
22	<b>COPPER UNIONS</b>								
23	3/4"	1	EA	0.42	0.42	\$7.68	\$7.68		
24	1"	0	EA	0.5	0	\$11.30	\$0.00		
25	1 1/4"	0	EA	0.54	0	\$19.50	\$0.00		
26	1 1/2"	0	EA	0.6	0	\$25.70	\$0.00		
27	2"	0	EA	0.7	0	\$42.00	\$0.00		
28									
29	<b>COPPER TEES</b>								
30	3/4"	2	EA	0.63	1.26	\$2.52	\$5.04		
31	1"	0	EA	0.75	0	\$6.50	\$0.00		
32	1 1/4"	0	EA	0.81	0	\$8.90	\$0.00		
33	1 1/2"	0	EA	0.9	0	\$13.70	\$0.00		
34	2"	0	EA	1.05	0	\$21.00	\$0.00		
35									
36	<b>COPPER ELLS</b>								
37	3/4"	6	EA	0.42	2.52	\$1.32	\$7.92		
38	1"	0	EA	0.5	0	\$2.70	\$0.00		
39	1 1/4"	0	EA	0.54	0	\$4.10	\$0.00		
40	1 1/2"	0	EA	0.6	0	\$6.30	\$0.00		
41	2"	0	EA	0.7	0	\$11.50	\$0.00		
42									
43	<b>COPPER COUPLINGS</b>								
44	3/4"	2	EA	0.2	0.4	\$0.96	\$1.92		
45	1"	0	EA	0.25	0	\$1.60	\$0.00		
46	1 1/4"	0	EA	0.27	0	\$2.80	\$0.00		

47	1 1/2"			0	EA	0.3	0	\$3.70	\$0.00	
48	2"			0	EA	0.4	0	\$4.50	\$0.00	
49										
50	THREADED PLUGS 3/4" - 1 1/4"			2	EA	0.2	0.4	\$4.50	\$9.00	
51	WELDING MATERIALS			13	FTS	0	0	\$0.50	\$6.50	
52										
53	40	FT	HANGERS	7	EA	0.25	1.7	\$3.60	\$24.00	
	CONDENSATE / PIPING LABOR						8.7	M-TOTAL	\$162.98	

		TRAVEL			MAN HOURS PER TRAVEL	MILES PER TRAVEL	
TOTAL HOURS DIVIDED BY 24 = TRIPS				TRIPS	ROUND TRIP	ME/HOU	TRIP
				0	0.75	0	90
							\$19.06

**REFRIGERATION / PIPING**

Project		0							
Date		1/0/00				PRICES UPDATED			Mar-08
Item	Item names	Qty	Unit	Labor	Labor	Material	Material		
				Unit	Hours	Unit	Amount		
<b>COPPER PIPE HARD DRAWN</b>									
	3/8"	80	FT	0.05	4	\$1.22	\$97.60		
	1/2"	0	FT	0.05	0	\$1.51	\$0.00		
	5/8"	0	FT	0.05	0	\$2.22	\$0.00		
	3/4"	0	FT	0.06	0	\$2.62	\$0.00		
	7/8"		FT	0.06	0	\$3.05	\$0.00		
	1 1/8"	80	FT	0.07	5.6	\$4.45	\$356.00		
	1 3/8"	0	FT	0.08	0	\$5.52	\$0.00		
	1 5/8"	0	FT	0.09	0	\$7.07	\$0.00		
	2 1/8"	0	FT	0.1	0	\$8.00	\$0.00		
<b>COPPER COUPLINGS</b>									
	3/8"	6	EA	0.26	1.56	\$0.40	\$2.38		
	1/2"	0	EA	0.29	0	\$0.38	\$0.00		
	5/8"	0	EA	0.33	0	\$0.40	\$0.00		
	3/4"	0	EA	0.36	0	\$0.97	\$0.00		
	7/8"	0	EA	0.39	0	\$0.98	\$0.00		
	1 1/8"	6	EA	0.46	2.76	\$1.56	\$9.36		
	1 3/8"	0	EA	0.52	0	\$2.25	\$0.00		
	1 5/8"	0	EA	0.59	0	\$2.90	\$0.00		
	2 1/8"	0	EA	0.65	0	\$5.60	\$0.00		
<b>COPPER ELLS</b>									
	3/8"	6	EA	0.26	1.56	\$2.16	\$12.96		
	1/2"	0	EA	0.29	0	\$2.01	\$0.00		
	5/8"	0	EA	0.33	0	\$2.00	\$0.00		
	3/4"	0	EA	0.36	0	\$2.00	\$0.00		
	7/8"	6	EA	0.39	2.34	\$3.00	\$18.00		
	1 1/8"	0	EA	0.46	0	\$3.80	\$0.00		
	1 3/8"	0	EA	0.52	0	\$5.97	\$0.00		
	1 5/8"	0	EA	0.59	0	\$8.00	\$0.00		
	2 1/8"	0	EA	0.65	0	\$27.85	\$0.00		
<b>SIGHT GLASSES</b>									
	3/8"	1	EA	0.38	0.38	\$14.00	\$14.00		
	1/2"	0	EA	0.38	0	\$17.00	\$0.00		
	5/8"	0	EA	0.45	0	\$18.00	\$0.00		
	3/4"	0	EA	0.45	0	\$28.00	\$0.00		
	7/8"	0	EA	0.53	0	\$30.00	\$0.00		
<b>SOLINOID VALVES</b>									
	3/8"	1	EA	0.38	0.38	\$30.00	\$30.00		
	1/2"	0	EA	0.38	0	\$30.00	\$0.00		
	5/8"	0	EA	0.45	0	\$57.00	\$0.00		
	3/4"	0	EA	0.45	0	\$58.00	\$0.00		
	7/8"	0	EA	0.53	0	\$60.00	\$0.00		
<b>SOLINOID COILS</b>									
	3/8" THROUGH 7/8"	0	EA	0.08	0	\$22.00	\$0.00		
<b>HANGERS EVERY 6 FT</b>									
	CLEVIS AND TRAPEZE	10	EA	0.15	1.5	\$2.50	\$25.00		

EXTRA FREON							
R-22	0	EA	0	0	\$4.00	\$0.00	
R-410A	0	EA	0	0	\$9.75	\$0.00	
SOLDER MATERIAL							
6 6 3/8" THROUGH 5/8"	12	EA	0	0	\$0.30	\$3.60	
6 6 3/4" THROUGH 1 1/8"	12	EA	0	0	\$1.00	\$12.00	
0 0 1 3/8" THROUGH 2 1/8"	0	EA	0	0	\$1.35	\$0.00	
ARMAFLEX BY 1/2"							
3/8"	80	FT	0.01	0.8	\$0.31	\$24.80	
1/2"	0	FT	0.01	0	\$0.31	\$0.00	
5/8"	0	FT	0.01	0	\$0.31	\$0.00	
3/4"	0	FT	0.01	0	\$0.31	\$0.00	
7/8"	80	FT	0.01	0.8	\$0.31	\$24.80	
1 1/8"	0	FT	0.01	0	\$0.31	\$0.00	
1 3/8"	0	FT	0.01	0	\$0.45	\$0.00	
1 5/8"	0	FT	0.01	0	\$0.50	\$0.00	
2 1/8"	0	FT	0.01	0	\$0.65	\$0.00	
ARMAFLEX BY 1"							
3/8"	20	FT	0.01	0.2	\$0.78	\$15.60	
1/2"	0	FT	0.01	0	\$0.85	\$0.00	
5/8"	0	FT	0.01	0	\$0.99	\$0.00	
3/4"	0	FT	0.01	0	\$0.99	\$0.00	
7/8"	20	FT	0.01	0.2	\$1.13	\$22.60	
1 1/8"	0	FT	0.01	0	\$1.25	\$0.00	
1 3/8"	0	FT	0.01	0	\$1.88	\$0.00	
1 5/8"	0	FT	0.01	0	\$2.12	\$0.00	
2 1/8"	0	FT	0.01	0	\$2.70	\$0.00	
ARMAFLEX BY 1-1/2"							
5/8"	0	FT	0.02	0	\$3.34	\$0.00	
3/4"	0	FT	0.02	0	\$3.47	\$0.00	
7/8"	0	FT	0.02	0	\$3.60	\$0.00	
1 1/8"	0	FT	0.02	0	\$3.71	\$0.00	
1 3/8"	0	FT	0.02	0	\$3.90	\$0.00	
REFRIGERATION / PIPING LABOR				33.1	M-TOTAL	\$668.70	

TRAVEL						
TOTAL HOURS DIVIDED BY 24 = TRIPS	TRIPS	MAN HOURS PER ROUND TRIP	TRAVEL MILES PER HOUR	MILES PER TRIP	TRAVEL	
	1	0.5	1	90	\$72.66	

Recap Report

Printed: 3/1/2018 2:55:04 PM

CHANGE ORDER HC REPORT  
LochrIDGE-Priest, Inc.

Project Name: (18-03-01) Wilco Sign Shop = C/O

Bid Date:

Base Bid/Alternate: Base Bid

Scopes included:

Drawing: <All>  
System: <All>  
Spec: <All>  
Floor: <All>  
Zone: <All>  
SysSymbol: <All>

**DOES NOT INCLUDE:**

- EQUIPMENT/GRD COST
- EQUIPMENT/GRD LABOR
- LABOR COST
- LABOR BURDEN
- MARKUP/PROFIT
- RENTALS
- G&A COST

**DOES INCLUDE:**

- DUCT AND FITTINGS = LABOR AND COST
- FLEXDUCT = LABOR AND COST

Project Calculation Log

Calculations date: 3/1/2018 2:54:35 PM

Calculations were run with AutoBid version: 2015.1.18

Labor Book: SMACNA (Pound)

Wage Table: LOCHRIDGE PRIEST

Non-GTO: adjusting digitized duct for fittings; NOT adjusting non-digitized duct for fittings

Rect Duct: Drop short pieces under 6.00 inches; convert short pieces over 55.00 inches to full pieces

Rnd Duct: Drop short pieces under 4.00 inches; convert short pieces over 110.00 inches to full pieces

Oval Duct: Drop short pieces under 4.00 inches; convert short pieces over 110.00 inches to full pieces

Duct/fitting labor: is adjusted for aspect ratio

Using insulation; Using treatment

NOT calculating detailing

NOT calculating pressure testing

NOT looking up tap material thickness separate from body/reducer

TakeOff lines: 99 - Items processed: 106

Errors: 0, Warnings: 0, Hints: 1

Name: CHANGE ORDER HC REPORT

Full Recaps

Display Recap Templates name on report

Hide 'raw' hours columns and rename 'Adjusted Hours' columns to 'Hours'

Material Cost Modifier: 0% Change

Shop Labor Modifier: 25% Change

Field Labor Modifier: 0% Change

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Project Grand Totals**

3/1/2018 2:55:04 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Material		Total Cost (Material)	Labor	
	Weight (lb)	Weight w/ wst		Shop Hours	Field Hours
Ductwork	1,497	1,664	\$1,334	52	90
Duct Wrap					
Symbols					
Library Items	3	3	\$377	5	4
Miscellaneous TakeOff Plug It			\$100	1	15
Other Labor					1
<b>Grand Total</b>	<b>1,500</b>	<b>1,664</b>	<b>\$1,810*</b>	<b>59</b>	<b>110</b>

\* Excludes Quotes

Wilco Sign Shop = C/O

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork Totals**

3/1/2018 2:55:03 PM  
Errors: 0, Warnings: 0, Hints: 1

Description	Weight (lb)	Material Weight w/ wst	Total Cost (Material)	Labor Shop Hours	Field Hours
Galvanized	1,497	1,661	\$1,334	52	90
<b>Total</b>	<b>1,497</b>	<b>1,661</b>	<b>\$1,334</b>	<b>52</b>	<b>90</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Material Totals)**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized**

Description	Weight (lb)	Material Weight w/wst	Total Cost (Material)	Labor Shop Hours	Field Hours
<b>Fabricated</b>					
Rectangular	1,222	1,357	\$1,080	29	61
GV SMACNA LP	1,222	1,357	\$1,080	29	61
Round	275	304	\$254	23	30
GV SMACNA LP	275	304	\$254	23	30

<b>Fabricated</b>	1,497	1,661	\$1,334	52	90
<b>Total</b>	1,497	1,661	\$1,334	52	90

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Totals)**

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	% of Qty	Length (ft)	Area (sq ft)	Material			Unit Cost	Total Cost (Material)	Labor	
					Area w/wst	Avg. w/each	Weight (lb)			Weight w/wst	Shop Hours
Duct and Fittings											
Full Length	22	44%	108	559	598	29.36	646	691	\$429	4	24
Short Pieces	12	24%	30	183	205	17.64	212	237	\$161	3	8
Fittings	16	32%	29	188	232	13.60	218	268	\$182	12	11
Duct and Fittings	50		168	930	1,035		1,075	1,196	772	19	43
Connectors and their Reinforcing											
Connectors	178		223				73	80	\$58	1	1
Connectors and their Reinforcing	178		223				73	80	58	1	1
Hangers											
Lower/Vertical Support	27						67	73	\$50		14
Upper Support	27						67	73	\$19		14
Hangers							67	73	69		14
Sealer, Flex Connectors and Turning Vanes											
Sealer			609				8	8	\$35	3	3
Flex Connectors	2		11				8	8	\$11	3	3
Turning Vanes							8	8	\$87	3	3
Sealer, Flex Connectors and Turning Vanes	2		620				8	8	134	6	4
Liner											
1"x2#							10	10	\$10		
Liner							10	10	10		
End Covering			232	695	730				\$36	3	3
End Covering			232	695	730				36	3	3
<b>Total</b>							1,222	1,357	\$1,080	29	61

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Area (sq ft)	Material		Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Labor	
					Area w/ wst	Weight Factor					Shop Hours	Field Hours
1-LPI GALV 2" WG												
24 ga												
Full Length	22.00	7%	107.92	558.75	597.86	1.16	645.92	691.13	\$0.620	\$428.50	3.88	23.89
Short Pieces	12.00	12%	30.34	183.06	205.03	1.16	211.62	237.02	\$0.680	\$161.17	2.65	7.71
Fittings	16.00	23%	29.33	188.19	231.83	1.16	217.55	267.99	\$0.680	\$182.24	12.25	11.10
<b>Total</b>	<b>50</b>		<b>168</b>	<b>930</b>	<b>1,035</b>		<b>1,075</b>	<b>1,196</b>		<b>\$772</b>	<b>19</b>	<b>43</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Labor	
					Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Connectors and their Reinforcing</b>										
<b>Connectors</b>										
Galv Drive Slip	87.00		100.33					\$19.50	0.39	
Galv Connector-fabd: Drive Slip		10%	114.83	126.32	0.25	28.59	\$0.154	\$19.50	0.39	
Galv S Slip	87.00		115.67					\$30.04	0.51	
Galv Connector-fabd: S Slip		10%	115.67	127.23	0.38	44.04	\$0.236	\$30.04	0.51	
Galv TDC	4.00		7.33					\$8.32	0.08	
Galv TDC Cleats: 6	12.00							\$4.20		
Galv TDC Corners: Galv TDC Corner	8.00							\$2.00		
TDC Gasket: DM Sticky Butyl		10%	7.42	8.16				\$0.98		
Zinc Chromate Nuts: 3/8	4.00							\$0.195		
Zinc Plated Bolts: 3/8 x 3/4	4.00							\$0.090		
<b>Total</b>								<b>\$58</b>		<b>1</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material			Unit Cost	Total Cost (Material)	Labor	
					Weight Factor	Weight (lb)	Weight w/ wst			Shop Hours	Field Hours
<b>Lower/Vertical Support</b>											
Galv1x20ga Strap	17.00									0.22	9.05
#10 Fast Penetr.Scrw: 3/4	102.00						\$0.030	\$32.11			
Galvanized Strap: 1 x 20ga	34.00	10%	308.50	339.35	0.14	42.57	\$0.086	\$29.05		0.22	
Galv1x22ga Strap	10.00					24.02		\$18.17		0.15	5.25
#10 Fast Penetr.Scrw: 3/4	60.00						\$0.030	\$1.80			
Galvanized Strap: 1 x 22ga	20.00	10%	205.00	225.50	0.12	24.02	\$0.073	\$16.37		0.15	
<b>Upper Support</b>											
Strap Attachment (Bar Joists)	27.00							\$18.63			
Zinc Chromate Nuts: 3/8	54.00						\$0.195	\$10.53			
ZincChromatePldBlk: 3/8 x 1/2	54.00						\$0.150	\$8.10			

<b>Lower/Vertical Support</b>	27									67	73	\$50	14
<b>Upper Support</b>	27									67	73	\$19	14
<b>Total</b>												\$69	14

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Labor	
					Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Sealer, Flex Connectors and Turning Vanes</b>										
<b>Sealer</b>										
Longitudinal Sealer (Longitudinal)	0.14		393.03	393.03			\$23,820	\$3,34	2.51	
Longitudinal W/B: Gallon			216.00	216.00				\$32.14		3.28
Transverse-WB (Transverse)	0.72		216.00	216.00			\$26,640	\$19.18		
Duct Sealer-WB: Gallon			216.00	216.00			\$0,060	\$12.96		
Membrane/Tape: 3										
<b>Flex Connectors</b>										
LPI-GLV 9" CL WARD VINYL	2.00		10.83	10.83	7.58	7.58	\$1,050	\$11.38	0.49	0.41
Galv Flex ConnFab'd: LPI-CL WARD VINYL FLEX C3x3x3			10.83	10.83	7.58	7.58		\$71.38		
<b>Turning Vanes</b>										
GALV 2" DBL VANE	14.00	10%	27.83	30.61			\$0,650	\$87.33	2.90	
Rail-Galv-PRORAILDM: 2" DOUBLE			27.83	30.61				\$19.90	0.24	
Vane-GALV-PRORAILDM: 2" DOUBLE	73.00	10%	102.17	112.38			\$0,600	\$67.43	2.67	
<b>Sealer</b>										
Flex Connectors	2		609	609	8	8		\$35	3	3
Turning Vanes	2		11	11	8	8		\$87	3	3
<b>Total</b>	<b>2</b>		<b>620</b>	<b>620</b>	<b>8</b>	<b>8</b>		<b>\$134</b>	<b>6</b>	<b>4</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wllico Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Quantity	Length (ft)	Area (sq ft)	Material			Unit Cost	Total Cost (Material)	Labor	
				Area w/ wst	Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>1"x2#</b>										
Fiberglass: 1" x 2 Lb			9.99				\$0.728	\$10.38	0.22	
Impact Pins: 1"x3 lb	10.00		9.99	12.49			\$0.099	\$9.09		
Liner Adhesive-WB: Gallon	0.02						\$12.000	\$0.30		
Breakdown by ductfitting										
Fittings		9.99		12.49				\$10.38	0.18	
<b>1"x2#</b>										
		10						\$10		
<b>Total</b>								\$10		

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:00 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Rectangular - GV SMACNA LP**

Description	Waste %	Length (ft)	Length w/wst	Area (sq ft)	Area w/wst	Weight Factor	Weight (lb)	Weight w/wst	Unit Cost	Total Cost (Material)	Labor	
											Shop Hours	Field Hours
1-LPI GALV 2" W/G												
DUCT WRAP / BAGGING END	5%	231.67	243.25	695.00	729.75				\$0.050	\$36.49		3.03
<b>Total</b>			232	695	730					\$36		3

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Totals)**

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Quantity	% of Qty	Length (ft)	Area (sq ft)	Material			Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Labor	
					Area w/ wst	Avg. w/leach	Weight (lb)					Shop Hours	Field Hours
Duct and Fittings													
Spiral Lock RND- FABRICATED	18	33%	82	176	189	8.87	160	171			\$111	1	6
Coupling-Male	24	44%		22	26	1.07	26	30			\$20	3	4
Elbow-45 Degree	2	4%	2	4	5	2.33	5	6			\$4	3	1
Elbow-90	10	18%	18	29	36	3.37	34	42			\$29	13	6
Tee	1	2%	1	2	3	2.73	3	3			\$2		1
Duct and Fittings	55		102	234	258		227	252			166	19	18
Duct and Fitting Welds													
Spotweld 2 @ 2"			15									2	2
Duct and Fitting Welds													
Connectors and their Reinforcing													
Connectors	24										\$4		
Connectors and their Reinforcing	24										4		
Hangers													
Lower/Vertical Support	37						48	53			\$42		10
Upper Support	37										\$13		10
Hangers							48	53			54		10
Sealer, Flex Connectors and Turning Vanes													
Sealer			89								\$13		1
Sealer, Flex Connectors and Turning Vanes			89								13		1
End Covering													
End Covering			105	316							\$17	2	
End Covering			105	316							17	2	
<b>Total</b>							275	304			\$254	23	30

**Recap Report**  
CHANGE ORDER HC REPORT  
Ductwork (Section Details)

3/1/2018 2:55:01 PM  
Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Area (sq ft)	Material			Unit Cost	Total Cost (Material)	Labor	
					Area w/ wst	Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Galv 2"W/G Spiral</b>											
Duct											
Spiral Lock RND- FABRICATED											
26 ga	7.00	7%	32.65	57.85	61.90	0.91	52.41	56.08	\$0.650	0.34	2.63
6	11.00	7%	49.69	118.46	126.75	0.91	107.32	114.83	\$0.650	0.52	3.86
8											
Fittings											
Coupling-Male											
24 ga	11.00	15%	8.64	9.94	1.16	9.99	11.49	\$0.680	\$7.81	1.38	1.90
6	13.00	15%	13.61	15.66	1.16	15.74	18.10	\$0.680	\$12.31	1.63	2.18
8											
Elbow-45 Degree											
24 ga	2.00	25%	1.65	4.04	5.04	1.16	4.67	5.83	\$0.680	2.50	1.05
8											
Elbow-90											
24 ga	5.00	25%	7.50	10.70	13.37	1.16	12.37	15.46	\$0.680	6.25	2.67
6	5.00	25%	10.00	18.43	23.04	1.16	21.31	26.63	\$0.680	6.25	2.89
8											
Tee											
24 ga	1.00	15%	0.67	2.36	2.71	1.16	2.73	3.14	\$0.680	0.32	1.05
8, 6											
<b>Spiral Lock RND- FABRICATED</b>											
Coupling-Male	18		82	176	189		160	171	\$111	1	6
Elbow-45 Degree	24		22	4	5		26	30	\$20	3	4
Elbow-90	2		2	29	36		5	6	\$4	3	1
Tee	10		18	2	3		34	42	\$29	13	6
Total	55		102	234	258		227	252	\$166	19	18

**Recap Report**  
 CHANGE ORDER HC REPORT  
 Ductwork (Section Details)

3/1/2018 2:56:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Material	Length (ft)	Total Cost (Material)	Labor	
				Shop Hours	Field Hours
Spotweld 2 @ 2"		14.83		1.55	
Fitting Seam		14.83		1.55	
<b>Total</b>		15		2	

**Recap Report**  
 CHANGE ORDER HC REPORT  
 Ductwork (Section Details)

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Connectors and their Reinforcing</b>									
<b>Connectors</b>									
Coupling - Male	3.00						\$0.81		0.32
#10 Fast PeretrScrw: 1/2	27.00					\$0.030	\$0.81		
MaleSlip Connection	21.00						\$2.85		
#10 Fast PeretrScrw: 3/4	95.00					\$0.030	\$2.85		
<b>Total</b>							<b>\$4</b>		

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Ductwork (Section Details)**

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

W/lico Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Labor	
					Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Lower/Vertical Support</b>										
Galv1x22ga StrapRnd	37.00					48.09	\$0.073	\$41.66	0.29	9.81
Galvanized Strap: 1 x 22ga	37.00	10%	410.50	451.55	0.12	48.09	\$0.045	\$32.78	0.29	
Zinc Chromate Nuts: 1/4	74.00						\$0.075	\$5.55		
ZincChromatePitdBl: 1/4 x 3/4	74.00									
Upper Support										
Strap Attachment (Bar Joists)	37.00							\$12.77		
Zinc Chromate Nuts: 3/8	37.00							\$7.21		
Zinc ChromatePitdBl: 3/8 x 1/2	37.00							\$5.55		
<b>Lower/Vertical Support</b>	37					48		\$42		10
<b>Upper Support</b>	37					48		\$13		10
<b>Total</b>						48		\$54		10

**Recap Report**  
 CHANGE ORDER HC REPORT  
 Ductwork (Section Details)

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Quantity	Waste %	Length (ft)	Length w/ wst	Material		Unit Cost	Total Cost (Material)	Labor	
					Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>Sealer, Flex Connectors and Turning Vanes</b>										
<b>Sealer</b>										
Transverse-WB (Transverse)			89.01	89.01				\$13.24		1.35
Duct Sealer-WB: Gallon	0.30		89.01	89.01			\$26.640	\$7.90		
Membrane/Tape: 3			89.01	89.01			\$0.060	\$5.34		
<b>Total</b>			89					\$13		1

**Recap Report**  
 CHANGE ORDER HC REPORT  
 Ductwork (Section Details)

3/1/2018 2:55:01 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O  
**Galvanized (Fabricated)**  
**Round - GV SMACNA LP**

Description	Waste %	Length (ft)	Length w/ wst	Area (sq ft)	Area w/ wst	Weight Factor	Weight (lb)	Weight w/ wst	Unit Cost	Total Cost (Material)	Labor	
											Shop Hours	Field Hours
1-LPI GALV 2" WG												
DUCT WRAP / BAGGING END	5%	4.33	4.55	13.00	13.65				\$0.050	\$0.68		0.06
Galv 2" WG Spiral												
DUCT WRAP / BAGGING END	5%	100.83	105.88	302.50	317.63				\$0.050	\$15.88		1.97
<b>Total</b>			105	316	331					\$17		2

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Duct Wrap Totals**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Waste %	Area (sq ft)	Material			Unit Cost	Total Cost (Material)	Labor	
			Area w/ wst	Weight Factor	Weight (lb)			Weight w/ wst	Shop Hours
<b>LP SUPPLY</b>									
FRK 1-1/2"Duct Wrap	10%	57.45	63.19						
Rectangular Fittings	10%	7.31	8.04						
Round Duct	10%	45.86	50.44						
Round Fittings	10%	4.28	4.71						
<b>FRK 1-1/2"Duct Wrap</b>		<b>57</b>	<b>63</b>						
<b>Total</b>									

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Symbols Totals**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area (sq ft)	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Shop Hours	Field Hours
Air Distribution Items Grilles and Registers Atten	1.00								4.00
<b>Total</b>									<b>4</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Totals**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Material	Weight (lb)	Total Cost (Material)	Labor Shop Hours	Labor Field Hours
<b>Library</b>					
Air Distribution Items					
Duct Accessory Items					
Flex Duct			\$235		4
Miscellaneous Steel		3	\$81		4
Miscellaneous			\$2		4
Spin-Ins			\$3		4
Steel Fasteners and Power Set			\$56		2
<b>Total</b>		3	\$377	5	15

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area	Material Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Labor Shop Hours	Field Hours
<b>Air Distribution Items</b>									
<b>Grilles and Registers</b>									
Register Side Wall 14 x 14	1.00								0.50
	1.00								0.50
<b>Total</b>									

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area	Material Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Labor Shop Hours	Field Hours
<b>Duct Accessory Items</b>									
Fire/Smoke Dmpr Sivs-Purch									
Galv Dmp SIV Rnd 18	2.00								1.45
Vol, Baro & Ctrl Dmprs-Purch									
Rect Control Dmpr 18 x 18	1.00					\$200.000	\$200.00		1.84
Rect Volume Dmpr 18 x 18	1.00					\$35.000	\$35.00		1.07
									1.07

<b>Fire/Smoke Dmpr Sivs-Purch</b>									
<b>Vol, Baro &amp; Ctrl Dmprs-Purch</b>									
<b>Total</b>							\$235		1
							\$235		3
									4

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

Wilco Sign Shop = C/O

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Description	Quantity	Length (ft)	Length w/Waste	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Shop Hours	Field Hours
Flex Duct									
Flex Round Duct									
LPLATCO FLEX DUCT									
	6	80.00				\$0.700	\$80.50		4.46
	8	10.00				\$0.850	\$7.00		0.53
	14	50.00				\$1.550	\$42.50		2.63
		20.00					\$31.00		1.31
<b>Total</b>							<b>\$81</b>		<b>4</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

Wilco Sign Shop = C/O

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Description	Quantity	Length (ft)	Area	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Shop Hours	Field Hours
Miscellaneous Steel									
Diffuser Box									
Diffuser Box 24x24	2.00	2.00		1.54	3.08	\$1,048	\$2.10	5.00	4.00
<b>Total</b>					<b>3</b>		<b>\$2</b>	<b>5</b>	<b>4</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area	Material Weight Factor	Weight (lb)	Unit Cost	Total Cost (Material)	Labor Shop Hours	Field Hours
Miscellaneous									
Duct Tie Straps									
PANDUIT STRAPS	16.00						\$2.88		0.32
T150	16.00					\$0.180	\$2.88		0.32
<b>Total</b>							<b>\$3</b>		

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Shop Hours	Field Hours
<b>Spin-Ins</b>									
LPI = CENTURY - PURCHASED	6.00						\$56.00		1.59
AIR TITE w/2" SO	1.00						\$8.50		0.28
	8						\$9.500		1.31
<b>Total</b>							<b>\$66</b>		<b>2</b>

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Library Items**

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Quantity	Length (ft)	Area	Material		Unit Cost	Total Cost (Material)	Labor	
				Weight Factor	Weight (lb)			Shop Hours	Field Hours
<b>Steel Fasteners and Power Set</b>									
Screws									
#10 Fast PenetrScrw 3/4	12.00					\$0.030	\$0.36		
<b>Total</b>									

**Recap Report**  
 CHANGE ORDER HC REPORT  
 Miscellaneous TakeOff Plug Items Totals

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Willco Sign Shop = C/O

Description	Material	Labor	Quantity	Unit Cost	Total Cost (Material)	Shop Hours	FILTER BOX	1.00	\$100.00	\$100.00	Total	\$100	1

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Other Labor Totals**

3/1/2018 2:55:04 PM  
 Errors: 0, Warnings: 0, Hints: 1

Wilco Sign Shop = C/O

Description	Material	Weight (lb)	Labor Shop Hours	Field Hours
Material Handling		227	1	
<b>Total</b>			1	

**Recap Report**  
**CHANGE ORDER HC REPORT**  
**Other Labor (Section Details)**

Wilco Sign Shop = C/O

3/1/2018 2:55:03 PM  
 Errors: 0, Warnings: 0, Hints: 1

Description	Quantity	Length (ft)	Area (sq ft)	Weight (lb)	Labor	
					Shop Hours	Field Hours
<b>Material Handling</b>						
Round Ductwork Symbols	55.00	102.16	234.08	226.52		0.27
<b>Total</b>	<b>55</b>	<b>102</b>	<b>234</b>	<b>227</b>		<b>1</b>

**DUCT MISC SHEET**

Project 0							
Date	1/0/00						
				Labor Unit	Labor Hours	Material Unit	Material Amount
Item	Item names	Qty	Unit	Unit	Hours	Unit	Amount
1	Shop	1	Lot	0	0	\$ -	CS1
2	Field	1	Lot	0	0	\$ -	CS1
3	AHU-1J	1	EA	8	8	\$ 150.00	\$ 150.00
4	CU-1J	1	EA	8	8	\$ 65.00	\$ 65.00
5	EF-1J	1	EA	4	4	\$ 45.00	\$ 45.00
6	TF-1J	1	EA	4	4	\$ 45.00	\$ 45.00
7	GRDs	10	EA	0.25	2.5	\$ 15.00	\$ 150.00
8	Louver	1	EA	6	6	\$ 25.00	\$ 25.00
9	Louver Plenum	1	EA	8	8	\$ 200.00	\$ 200.00
10	Exhaust Silencer	1	EA	4	4	\$ 75.00	\$ 75.00
11	Motorized Damepr	1	EA	2	2	\$ 15.00	\$ 15.00
12	BDD	1	EA	2	2	\$ 15.00	\$ 15.00
13	Filter Box	1	EA	4	4	\$ 200.00	\$ 200.00
14		0	LOT	0	0	\$ -	\$ -
15		0	EA	0	0	\$ -	\$ -
16		0	EA	0	0	\$ -	\$ -
17		0	EA	0	0	\$ -	\$ -
18		0	EA	0	0	\$ -	\$ -
19		0	EA	0	0	\$ -	\$ -
20		0	LOT	0	0	\$ -	\$ -
21		0	EA	0	0	\$ -	\$ -
22		0	EA	0	0	\$ -	\$ -
23		0	EA	0	0	\$ -	\$ -
24		0	EA	0	0	\$ -	\$ -
25		0	EA	0	0	\$ -	\$ -
26		0	EA	0	0	\$ -	\$ -
27		0	EA	0	0	\$ -	\$ -
28		0	EA	0	0	\$ -	\$ -
29		0	EA	0	0	\$ -	\$ -
30		0	EA	0	0	\$ -	\$ -
31		0	EA	0	0	\$ -	\$ -
32		0	EA	0	0	\$ -	\$ -
33		0	EA	0	0	\$ -	\$ -
34		0	EA	0	0	\$ -	\$ -
35		0	EA	0	0	\$ -	\$ -
36		0	EA	0	0	\$ -	\$ -
37		0	EA	0	0	\$ -	\$ -
38		0	EA	0	0	\$ -	\$ -
39		0	EA	0	0	\$ -	\$ -
<b>HVAC MISC SHOP AND FIELD LABOR</b>					<b>53</b>	<b>SUB-TTL.</b>	<b>\$985.00</b>
<b>TRAVEL</b>			<b>MAN HOURS PER</b>	<b>TRAVEL</b>	<b>MILES PER</b>	<b>TRAVEL</b>	
<b>TOTAL HOURS DIVIDED BY 24 = TRIP</b>		<b>TRIPS</b>	<b>ROUND TRIP</b>	<b>TIME/HOURS</b>	<b>TRIP</b>	<b>\$0.45</b>	
		<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	

MEMBER



NEBB  
CERT. NO. 2521

# PHI SERVICE AGENCY, INC.

MEMBER



AABC  
CERT. NO. 00-03-37

## CERTIFIED TEST, ADJUST AND BALANCE OF HVAC SYSTEMS

- |   |                       |                    |
|---|-----------------------|--------------------|
| <input checked="" type="checkbox"/> 2120 W. Braker Lane, Ste G, Austin, Texas 78758 | Office (512) 339-4757 | Fax (512) 339-3129 |
| <input type="checkbox"/> 1103 Paulsun Street, San Antonio, Texas 78219              | (210) 224-1665        | (210) 229-9143     |
| <input type="checkbox"/> 13310 Leopard Street, Ste 2, Corpus Christi, Texas 78410   | (361) 248-4861        | (361) 248-4859     |
| <input type="checkbox"/> 150 E. Expressway, Ste. #6, Alamo, Texas 78516             | (956) 781-9998        | (956) 781-9948     |

## REVISED QUOTATION

BID DATE: March 1, 2018

PROJECT: Wilco North Campus Facility – Sign Shop Bldg J  
3145 SE Inner Loop  
Georgetown, TX.

Test, adjust and balance the above referenced project in accordance with NEBB/AABC procedures and standards per plans and specifications. PHI Service is not responsible for design, installation, or operation of HVAC systems. A certified report of exact system operation under actual installed conditions will be furnished upon completion. **Unless otherwise noted, all TAB work associated with this quote is priced to be done during normal business hours.**

PRICE:..... \$ 770.00 ✓

- Excludes sheave changes.

### Work completion is:

- All HVAC systems & components are tested and balanced within acceptable tolerances.
- When all reasonable efforts within the extent of TAB have been performed in an effort to achieve acceptable system performance.

Terms of payment are net 30 days from date of invoice. **Sales or use tax must be added to the price and paid by the Customer unless prior arrangements are made.** Quotations are subject within 30 days from the above date to change without notice.

ACCEPTED

PHI SERVICE AGENCY, INC.

By \_\_\_\_\_

By Bill Shoemaker / bills@phiservices.com

Name & Title \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_



# SCOPE / QUOTATION

**PROJECT:** Wilco North Campus Facility (NCF) - Sign Shop -Building J - Georgetown, TX  
**BID DATE:** 3/2/2018  
**PROJECT ID:** 18-0912  
**LOCATION:** Williamson County  
**ADDENDA:** 0

**TO:** Lochridge-Priest, Inc.  
**Attn:** Mark Veselka

## Base Bid

### Air Devices, Silencers, Fans, Louvers, Control Dampers

- 10 Price Air Devices  
Grilles, Registers, Diffusers with Standard White Finish.  
Exclusions: Plaster frames, Square to round transitions on RA/EA, Back pan insulation, Dampers, Young Regulators, and Special finishes.
  
- 1 Price Silencers  
Price Model "CS" Round Silencer with Galvanized Construction, Fiberglass Acoustic Media, 2" Slip Connections, & 22Ga Perforated Liner. (Dimensions to be Confirmed)  
Exclusions: Dampers, Anything Not Listed Above
  
- 2 (1) TF-1J: Ceiling Mounted Exhaust Fan with Speed Control, Thermal Overload, Standard Ceiling Grille, Integral Backdraft Damper, Round Duct Connection, & Isolation Kit. No Discharge Accessory.  
(1) EF-1J: Sidewall Propellor Fan with NEMA-1 Disconnect Switch, Weatherhood with Bird Screen, Short Wall Housing, & Speed Control.  
Exclusions: Controls, All Discharge Accessories, All Roof curbs, Anything Not Listed Above
  
- 1 Greenheck "ESD" Weather Louver with Aluminum Construction, Bird Screen, & 2-Coat Kynar Finish (Standard Color TBS).  
Exclusions: Plenums, Transitions, Associated Dampers, Sleeves, Insect screens, Special Finishes/Color Coatings, Any Accessories Not Listed Above
  
- 1 Greenheck Control Dampers  
(1) Round Motorized Damper (\*\*Size Not Given\*\*) with 24VAC 2-Position External Spring-Return Actuator, Galvanized steel construction, Galvanized steel blade, & Plated steel axle.  
(1) Round Backdraft Damper (\*\*Size Not Given\*\*), as per Note #14.  
Exclusions: Controls, Transformers, Coatings, Blade Indicators, Any Accessories Not Listed Above

NET PRICE..... \$2,685 ✓

**ADD: \$75.00 per Young Regulator #270-275 Cable Operator, as Needed. Damper, Wrench, Cable NOT Included.**

We trust you find our quote in order. However, should you have any questions, please do not hesitate to contact me.

Bethany Hicks  
**Mechanical Reps Inc.**

Conditions of Acceptance

- 1) Mechanical Reps, Inc. does not accept retainage of payment of invoices, nor do we accept any payment terms mechanical contractors are bound by through their contract with the owner or general contractor.
- 2) Mechanical Reps, Inc. payment terms are Net 30 days. We do not accept contingent payment terms, unless agreement is approved in writing prior to issuance of purchase order. Agreement can only be approved by an officer of Mechanical Reps, Inc.
- 3) Freight charges are included in the purchase price unless noted otherwise. Mechanical Reps, Inc. and our manufacturer do not accept F.O.B. destination.
- 4) Standard warranties issued by our manufactures apply. In most cases this warranty is valid for 12 months after shipment of product. Mechanical Reps, Inc. does not accept warranties starting "from owner acceptance", unless stated in writing on our quotation and approved by an officer of the company. If extended warranties are specified, but not noted above please notify our sales staff immediately for clarification and quote adjustment. Labor warranty is not included unless stated otherwise.
- 5) Prices are firm for 30 days. Orders must be released for fabrication and shipment within 60 days of submittal date to maintain quoted prices.
- 6) Applicable sales, use and other taxes are NOT INCLUDED.
- 7) Mechanical Reps excludes any items that are not shown on drawings but called for in general notes.





**Date:** March 2, 2018  
**Company:** Lochridge Priest  
**Attn:** Mark Veselka  
**Re:** Williamson County NCF Building J - Sign Shop Revised

## PROPOSAL

Chaparral insulation is pleased to submit this proposal for the above referenced project. This includes all necessary labor, materials and equipment to complete this scope of work. The system inclusions are as follows and the application procedures are held in strict accordance with the specifications and construction documents

**HVAC:** Unlined Supply, Return, and Outside air ductwork, Supply diffusers, Condensate drain piping.

**Plumbing:** Domestic hot and cold water piping.

**Specification section(s):** Original Specifications  
**Addendums Acknowledged:** 0  
**Per plans dated:** 8.8.16

**EXCLUSIONS:** Firestopping, refrigerant piping, exhaust ductwork, transfer ductwork, lined ductwork, existing piping or ductwork, pipe saddles, primer on piping, size painting, identification, victaulic couplings, heat tracing, underground and slab piping, fire protection piping, condensate drain pans, PVC and aluminum jacketing, painting of piping or ductwork, premium time wages, night or shift work, sales tax.

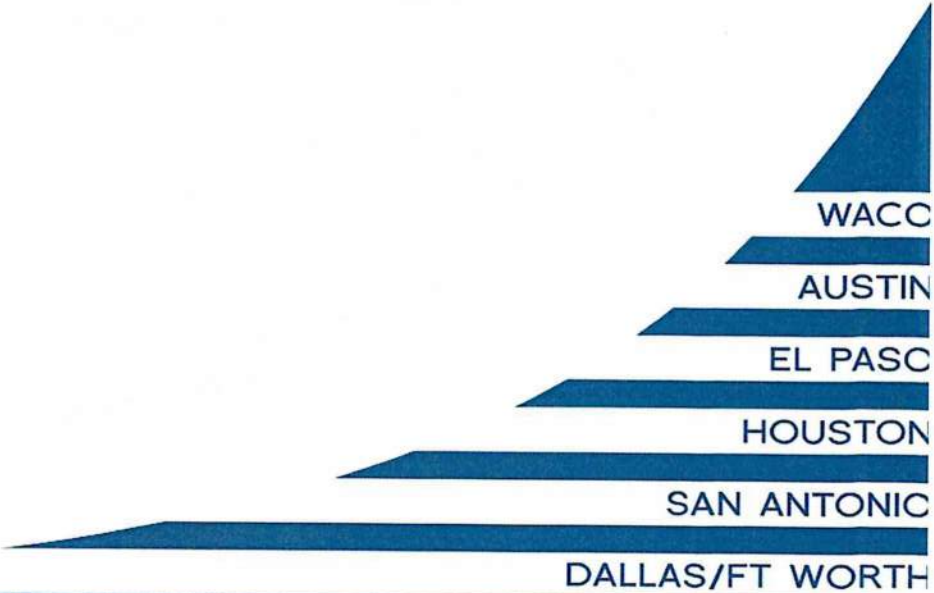
Pricing Breakdown:	HVAC	Plumbing
<b>Pricing:</b>	\$ 2,190.00 ✓	\$ 2,100.00 ✓

**TAX:** This price does not include sales tax. We will require a sales tax certificate for our files or sales tax will be added.  
**CLEARANCE:** Pipe/Duct routing and penetrations must provide enough space and/or clearance to allow for full sizing of insulation specified.  
**CLEAN-UP:** Chaparral will clean up their own area on a daily basis to remove any insulation scraps, debris or garbage. However, we will not provide clean-up crews directed by another company.

**SCHEDULING:** This proposal is based on sequencing work properly to provide sufficient time to complete our scope of work. The insulation scope of the project needs to be included when the project schedule is being created.  
**INSURANCE:** Chaparral insulation is fully insured general liability and workers compensation coverage in excess of most contract requirements.  
**30-DAY PRICE:** This proposal is in affect for a period of thirty (30) days. We reserve the right to withdraw this proposal and any related future pricing if both parties cannot agree on the conditions.

Thanks,

Pat Moore  
 Project Manager  
 Chaparral Insulation Co, Inc.  
 Est#13663





# Proposal

(Valid for 30 days from Proposal date)

**Prepared For:** All Bidders

**Date:** May 03, 2017

**Job Name:** Williamson County North Campus Facility

**Proposal Number:** K9-53008-4

**CRM #:** 2095660

**Delivery Terms:** Freight Allowed and Prepaid - F.O.B. Factory

**Payment Terms:** Net 30 Days

Trane is pleased to provide the following proposal for your review and approval.

*Pricing noted in this Trane proposal is good for only 30 days, and is subject to review thereafter. It should also be noted that pricing noted in this proposal is based on an equipment release to fabrication (after our receipt of approved submittals) with a shipping date not to extend beyond the end of 4<sup>th</sup> Quarter of 2017.*

### Heat Pump Split System Air Conditioning Units

- Qty: 1 Tag(s): AHU-1J**  
 200 - 230 Volt 1 Phase 60 Hertz  
 208-230/1/60  
 Black Epoxy Coil  
 Programmable thermostat (Fld)  
 Evaporator defrost control (Fld)  
 Crankcase heater kit (Fld)  
 Electric Heater (Fld)

#### **NOT INCLUDED:**

- Controls/Wiring
- Isolation/Insulation
- Dampers/Economizers
- Disconnects/Circuit Breakers
- Additional Filters/Belts/Sheaves
- Refrigerant Specialties/Piping/Line Sets
- Smoke Detectors
- Owner Training/Maintenance/Startup
- Warranties/Other Items Not Specified

**Total Net Price (Excluding Sales Tax)..... \$3,800.<sup>00</sup>**

Price ADD for 1<sup>st</sup> Year Labor Warranty (Excluding Sales Tax) ..... \$180.<sup>00</sup>

Sincerely,

**Matt Van Guilder – Account Manager**  
 Preston Fox – Estimator  
 4200 N. Sylvania Avenue  
 Fort Worth, TX 76137-6603

**This proposal is subject to your acceptance of the attached Trane terms and conditions.**

**TERMS AND CONDITIONS - COMMERCIAL EQUIPMENT**

"Company" shall mean Trane Canada ULC for sales in Canada and Trane U.S. Inc. for sales in the United States.

- 1. Acceptance.** These terms and conditions are an integral part of Company's offer and form the basis of any agreement (the "Agreement") resulting from Company's proposal (the "Proposal") for the sale of the described commercial equipment and any ancillary services (the "Equipment"). **COMPANY'S TERMS AND CONDITIONS ARE SUBJECT TO PERIODIC CHANGE OR AMENDMENT.** The Proposal is subject to acceptance in writing by the party to whom this offer is made or an authorized agent ("Customer") delivered to Company within 30 days from the date of the Proposal. If Customer accepts the Proposal by placing an order, without the addition of any other terms and conditions of sale or any other modification, Customer's order shall be deemed acceptance of the Proposal subject to Company's terms and conditions. If Customer's order is expressly conditioned upon Company's acceptance or assent to terms and/or conditions other than those expressed herein, return of such order by Company with Company's terms and conditions attached or referenced serves as Company's notice of objection to Customer's terms and as Company's counter-offer to provide Equipment in accordance with the Proposal and the Company's terms and conditions. If Customer does not reject or object in writing to Company within 10 days, Company's counter-offer will be deemed accepted. Customer's acceptance of the Equipment will in any event constitute an acceptance by Customer of Company's terms and conditions. This Agreement is subject to credit approval by Company. Upon disapproval of credit, Company may delay or suspend performance or, at its option, renegotiate prices and/or terms and conditions with Customer. If Company and Customer are unable to agree on such revisions, this Agreement shall be cancelled without any liability.
- 2. Title and Risk of Loss.** All Equipment sales with destinations to Canada or the U.S. shall be made as follows: FOB Company's U.S. manufacturing facility or warehouse (full freight allowed). Title and risk of loss or damage to Equipment will pass to Customer upon tender of delivery of such to carrier at Company's U.S. manufacturing facility or warehouse.
- 3. Pricing and Taxes.** Following acceptance without addition of any other terms and condition of sale or any other modification by Customer, the prices stated are firm provided that notification of release for immediate production and shipment is received at Company's factory not later than 3 months from order acceptance. If such release is received later than 3 months from order acceptance date, prices will be increased a straight 1% (not compounded) for each 1 month period (or part thereof) beyond the 3 month firm price period up to the date of receipt of such release. If such release is not received within 6 months after the date of order acceptance, the prices are subject to renegotiation or at Company's option, the order will be cancelled. Any delay in shipment caused by Customer's actions will subject prices to increase equal to the percentage increase in list prices during that period of delay and Company may charge Customer with incurred storage fees. In no event will prices be decreased. The price of Equipment does not include any present or future foreign, federal, state, or local property, license, privilege, sales, use, excise, value added, gross receipts or other like taxes or assessments. Such amounts will be itemized separately to Customer, who will make prompt payment to Company. Company will accept valid exemption documentation for such from Customer, if applicable. All prices include packaging in accordance with Company's standard procedures. Charges for special packaging, crating or packing are the responsibility of Customer.
- 4. Delivery and Delays.** Delivery dates are approximate and not guaranteed. Company will use commercially reasonable efforts to deliver the Equipment on or before the estimated delivery date will notify Customer if the estimated delivery dates cannot be honored, and will deliver the Equipment and services as soon as practicable thereafter. In no event will Company be liable for any damages or expenses caused by delays in delivery.
- 5. Performance.** Company shall be obligated to furnish only the Equipment described in the Proposal and in submittal data (if such data is issued in connection with the order). Company may rely on the acceptance of the Proposal, and in submittal data as acceptance of the suitability of the Equipment for the particular project or location. Unless specifically stated in the Proposal, compliance with any local building codes or other laws or regulations relating to specifications or the location, use or operation of the Equipment is the sole responsibility of Customer. If Equipment is tendered that does not fully comply with the provisions of this Agreement, and Equipment is rejected by Customer, Company will have the right to cure within a reasonable time after notice thereof by substituting a conforming tender whether or not the time for performance has passed.
- 6. Force Majeure.** Company's duty to perform under this Agreement and the Equipment prices are contingent upon the non-occurrence of an Event of Force Majeure. If the Company shall be unable to carry out any material obligation under this Agreement due to an Event of Force Majeure, this Agreement shall at Company's election (i) remain in effect but Company's obligations shall be suspended until the uncontrollable event terminates or (ii) be terminated upon 10 days notice to Customer, in which event Customer shall pay Company for all parts of the Work furnished to the date of termination. An "Event of Force Majeure" shall mean any cause or event beyond the control of Company. Without limiting the foregoing, "Event of Force Majeure" includes: acts of God; acts of terrorism, war or the public enemy; flood; earthquake; tornado; storm; fire; civil disobedience; pandemic insurrections; riots; labor/labour disputes; labor/labour or material shortages; sabotage; restraint by court order or public authority (whether valid or invalid); and action or non-action by or inability to obtain or keep in force the necessary governmental authorizations, permits, licenses, certificates or approvals if not caused by Company; and the requirements of any applicable government in any manner that diverts either the material or the finished product to the direct or indirect benefit of the government.
- 7. Limited Warranty.** Company warrants the Equipment manufactured by Company for a period of the lesser of 12 months from initial start-up or 18 months from date of shipment, whichever is less, against failure due to defects in material and manufacture and that it has the capacities and ratings set forth in Company's catalogs and bulletins ("Warranty"). **Equipment manufactured by Company that includes required start-up and sold in North America will not be warranted by Company unless Company performs the Equipment startup.** Exclusions from this Warranty include damage or failure arising from: wear and tear; corrosion, erosion, deterioration; modifications made by others to the Equipment; repairs or alterations by a party other than Company that adversely affects the stability or reliability of the Equipment; vandalism; neglect; accident; adverse weather or environmental conditions; abuse or improper use; improper installation; commissioning by a party other than Company; unusual physical or electrical or mechanical stress; operation with any accessory, equipment or part not specifically approved by Company; refrigerant not supplied by Company; and/or lack of proper maintenance as recommended by Company. Company shall not be obligated to pay for the cost of lost refrigerant or lost product. Company's obligations and liabilities under this Warranty are limited to furnishing replacement equipment or parts, at its option, FCA (Incoterms 2000) factory or warehouse (f.o.b. factory or warehouse for US domestic purposes) at Company-designated shipping point, freight-allowed to Company's warranty agent's stock location, for all non-conforming Company-manufactured Equipment (which have been returned by Customer to Company. Returns must have prior written approval by Company and are subject to restocking charge where applicable. Equipment, material and/or parts that are not manufactured by Company are not warranted by Company and have such warranties as may be extended by the respective manufacturer. **COMPANY MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING PREVENTION OF MOLD/MOULD, FUNGUS, BACTERIA, MICROBIAL GROWTH, OR ANY OTHER CONTAMINATES.** No warranty liability whatsoever shall attach to Company until Customer's complete order has been paid for in full and Company's liability under this Warranty shall be limited to the purchase price of the Equipment shown to be defective. Additional warranty protection is available on an extra-cost basis and must be in writing and agreed to by an authorized signatory of the Company. **EXCEPT FOR COMPANY'S WARRANTY EXPRESSLY SET FORTH HEREIN, COMPANY DOES NOT MAKE, AND HEREBY EXPRESSLY DISCLAIMS, ANY WARRANTIES, EXPRESS OR IMPLIED CONCERNING ITS PRODUCTS, EQUIPMENT OR SERVICES, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF DESIGN, MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR OTHERS THAT ARE ALLEGED TO ARISE FROM COURSE OF DEALING OR TRADE.**
- 8. Indemnity.** To the fullest extent permitted by law, Company and Customer shall indemnify, defend and hold harmless each other from any and all claims, actions, costs, expenses, damages and liabilities, including reasonable attorneys' fees, resulting from death or bodily injury or damage to real or personal property, to the extent caused by the negligence or misconduct of their respective employees or other authorized agents in connection with their activities within the scope of this Agreement. Neither party shall indemnify the other against claims, damages, expenses or liabilities to the extent attributable to the acts or omissions of the other party. If the parties are both at fault, the obligation to indemnify shall be proportional to their relative fault. The duty to indemnify will continue in full force and effect, notwithstanding the expiration or early termination hereof, with respect to any claims based on facts or conditions that occurred prior to expiration or termination.

**9. Insurance.** Upon request, Company will furnish evidence of its standard insurance coverage. If Customer has requested to be named as an additional insured under Company's insurance policy, Company will do so but only subject to Company's manuscript additional insured endorsement under its primary Commercial General Liability policies. In no event does Company waive any rights of subrogation.

**10. Customer Breach.** Each of the following events or conditions shall constitute a breach by Customer and shall give Company the right, without an election of remedies, to terminate this Agreement, require payment prior to shipping, or suspend performance by delivery of written notice: (1) Any failure by Customer to pay amounts when due; or (2) any general assignment by Customer for the benefit of its creditors, or if Customer becomes bankrupt or insolvent or takes the benefit of any statute for bankrupt or insolvent debtors, or makes or proposes to make any proposal or arrangement with creditors, or if any steps are taken for the winding up or other termination of Customer or the liquidation of its assets, or if a trustee, receiver, or similar person is appointed over any of the assets or interests of Customer; (3) Any representation or warranty furnished by Customer in connection with this Agreement is false or misleading in any material respect when made; or (4) Any failure by Customer to perform or comply with any material provision of this Agreement. Customer shall be liable to the Company for all Equipment furnished and all damages sustained by Company (including lost profit and overhead).

**11. Limitation of Liability.** **NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL COMPANY BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT CONSEQUENTIAL, OR PUNITIVE OR EXEMPLARY DAMAGES (INCLUDING WITHOUT LIMITATION REFRIGERANT LOSS, BUSINESS INTERRUPTION, LOST DATA, LOST REVENUE, LOST PROFITS) EVEN IF A PARTY HAS BEEN ADVISED OF SUCH POSSIBLE DAMAGES OR IF SAME WERE REASONABLY FORESEEABLE AND REGARDLESS OF WHETHER THE CAUSE OF ACTION IS FRAMED IN CONTRACT, NEGLIGENCE, ANY OTHER TORT, WARRANTY, STRICT LIABILITY, OR PRODUCT LIABILITY).** In no event will Company's liability in connection with the provision of products or services or otherwise under this Agreement exceed the entire amount paid to Company by Customer under this Agreement.

**12. Nuclear Liability.** In the event that the Equipment sold hereunder is to be used in a nuclear facility, Customer will, prior to such use, arrange for insurance or governmental indemnity protecting Company against all liability and hereby releases and agrees to indemnify Company and its suppliers for any nuclear damage, including loss of use, in any manner arising out of a nuclear incident, whether alleged to be due, in whole or in part to the negligence or otherwise of Company or its suppliers.

**13. Intellectual Property; Patent Indemnity.** Company retains all ownership, license and other rights to all patents, trademarks, copyrights, trade secrets and other intellectual property rights related to the Equipment, and, except for the right to use the Equipment sold, Customer obtains no rights to use any such intellectual property. Company agrees to defend any suit or proceeding brought against Customer so far as such suit or proceeding is solely based upon a claim that the use of the Equipment provided by Company constitutes infringement of any patent of the United States of America, provided Company is promptly notified in writing and given authority, information and assistance for defense of same. Company will, at its option, procure for Customer the right to continue to use said Equipment, or modify it so that it becomes non-infringing, or replace same with non-infringing Equipment, or to remove said Equipment and to refund the purchase price. The foregoing will not be construed to include any Agreement by Company to accept any liability whatsoever in respect to patents for inventions including more than the Equipment furnished hereunder, or in respect of patents for methods and processes to be carried out with the aid of said Equipment. The provision of Equipment by Company does not convey any license, by implication, estoppel, or otherwise, under patent claims covering combinations of said Equipment with other devices or elements. The foregoing states the entire liability of Company with regard to patent infringement. Notwithstanding the provisions of this paragraph, Customer will hold Company harmless against any expense or loss resulting from infringement of patents or trademarks arising from compliance with Customer's designs or specifications or instructions.

**14. Cancellation.** Equipment is specially manufactured in response to orders. An order placed with and accepted by Company cannot be delayed, canceled, suspended, or extended except with Company's written consent and upon written terms accepted by Company that will reimburse Company for and indemnify Company against loss and provide Company with a reasonable profit for its materials, time, labor, services, use of facilities and otherwise. Customer will be obligated to accept any Equipment shipped, tendered for delivery or delivered by Company pursuant to the order prior to any agreed delay, cancellation, suspension or extension of the order. Any attempt by Customer to unilaterally revoke, delay or suspend acceptance for any reason whatever after it has agreed to delivery of or accepted any shipment shall constitute a breach of this Agreement. For purposes of this paragraph, acceptance occurs by any waiver of inspection, use or possession of Equipment, payment of the invoice, or any indication of exclusive control exercised by Customer.

**15. Invoicing and Payment.** Equipment shall be invoiced to Customer upon tender of delivery thereof to the carrier. Customer shall pay Company's invoices within net 30 days of shipment date. Company reserves the right to add to any account outstanding for more than 30 days a service charge equal to the lesser of the maximum allowable legal interest rate or 1.5% of the principal amount due at the end of each month. Customer shall pay all costs (including attorneys' fees) incurred by Company in attempting to collect amounts due and otherwise enforcing these terms and conditions. If requested, Company will provide appropriate lien waivers upon receipt of payment. Company may at any time decline to ship, make delivery or perform work except upon receipt of cash payment, letter of credit, or security, or upon other terms and conditions satisfactory to Company. Customer agrees that, unless Customer makes payment in advance, Company will have a purchase money security interest in all Equipment to secure payment in full of all amounts due Company and its order for the Equipment, together with these terms and conditions, form a security agreement (as defined by the UCC in the United States and as defined in the Personal Property Security Act in Canada). Customer shall keep the Equipment free of all taxes and encumbrances, shall not remove the Equipment from its original installation point and shall not assign or transfer any interest in the Equipment until all payments due Company have been made. The purchase money security interest granted herein attaches upon Company's acceptance of Customer's order and on receipt of the Equipment described in the accepted Proposal but prior to its installation. The parties have no agreement to postpone the time for attachment unless specifically noted in writing on the accepted order. Customer will have no rights of set off against any amounts, which become payable to Company under this Agreement or otherwise.

**16. Claims.** Company will consider claims for concealed shortages in shipments or rejections due to failure to conform to an order only if such claims or rejections are made in writing within 15 days of delivery and are accompanied by the packing list and, if applicable, the reasons in detail why the Equipment does not conform to Customer's order. Upon receiving authorization and shipping instructions from authorized personnel of Company, Customer may return rejected Equipment, transportation charges prepaid, for replacement. Company may charge Customer any costs resulting from the testing, handling, and disposition of any Equipment returned by Customer which are not found by Company to be nonconforming. All Equipment damaged during shipment and all claims relating thereto must be made with the freight carrier in accordance with such carrier's policies and procedures. Claims for Equipment damaged during shipment are not covered under the warranty provision stated herein.

**17. Export Laws.** The obligation of Company to supply Equipment under this Agreement is subject to the ability of Company to supply such items consistent with applicable laws and regulations of the United States and other governments. Company reserves the right to refuse to enter into or perform any order, and to cancel any order, under this Agreement if Company in its sole discretion determines that performance of the transaction to which such order relates would violate any such applicable law or regulation. Customer will pay all handling and other similar costs from Company's factories including the costs of freight, insurance, export clearances, import duties and taxes. Customer will be "exporter of record" with respect to any export from the United States of America and will perform all compliance and logistics functions in connection therewith and will also comply with all applicable laws, rules and regulations. Customer understands that Company and/or the Equipment are subject to laws and regulations of the United States of America which may require licensing or authorization for and/or prohibit export, re-export or diversion of Company's Equipment to certain countries, and agrees it will not knowingly assist or participate in any such diversion or other violation of applicable United States of America laws and regulations. Customer agrees to hold harmless and indemnify Company for any damages resulting to Customer or Company from a breach of this paragraph by Customer.

**18. General.** Except as provided below, to the maximum extent provided by law, this Agreement is made and shall be interpreted and enforced in accordance with the laws of the state of New York for Equipment shipped to a U.S. location and the laws of the province to which Equipment is

shipped within Canada, without regard to its conflict of law principles that might otherwise call for the application of a different state's or province's law, and not including the United Nations Convention on Contracts for the International Sale of Goods. Any action or suit arising out of or related to this Agreement must be commenced within one year after the cause of action has accrued. To the extent the Equipment is being used at a site owned and/or operated by any agency of the Federal Government, determination of any substantive issue of law shall be according to the Federal common law of Government contracts as enunciated and applied by Federal judicial bodies and boards of contract appeals of the Federal Government. This Agreement contains all of the agreements, representations and understandings of the parties and supersedes all previous understandings, commitments or agreements, oral or written, related to the subject matter hereof. This Agreement may not be amended, modified or terminated except by a writing signed by the parties hereto. No documents shall be incorporated herein by reference except to the extent Company is a signatory thereon. If any term or condition of this Agreement is invalid, illegal or incapable of being enforced by any rule of law, all other terms and conditions of this Agreement will nevertheless remain in full force and effect as long as the economic or legal substance of the transaction contemplated hereby is not affected in a manner adverse to any party hereto. Customer may not assign, transfer, or convey this Agreement, or any part hereof, or its right, title or interest herein, without the written consent of the Company. Subject to the foregoing, this Agreement shall be binding upon and inure to the benefit of Customer's permitted successors and assigns. This Agreement may be executed in several counterparts, each of which when executed shall be deemed to be an original, but all together shall constitute but one and the same Agreement. A fully executed facsimile copy hereof or the several counterparts shall suffice as an original.

**19. Equal Employment Opportunity/Affirmative Action Clause.** Company is a federal contractor that complies fully with Executive Order 11246, as amended, and the applicable regulations contained in 41 C.F.R. Parts 60-1 through 60-60, 29 U.S.C. Section 793 and the applicable regulations contained in 41 C.F.R. Part 60-741; and 38 U.S.C. Section 4212 and the applicable regulations contained in 41 C.F.R. Part 60-250 Executive Order 13496 and Section 29 CFR 471, appendix A to subpart A, regarding the notice of employee rights in the United States and with Canadian Charter of Rights and Freedoms Schedule B to the Canada Act 1982 (U.K.) 1982, c. 11 and applicable Provincial Human Rights Codes and employment law in Canada.

**20. U.S. Government Work.**

**The following provision applies only to direct sales by Company to the US Government.** The Parties acknowledge that Equipment ordered and delivered under this Agreement are Commercial Items as defined under Part 12 of the Federal Acquisition Regulation (FAR). In particular, Company agrees to be bound only by those Federal contracting clauses that apply to "commercial" suppliers and that are contained in FAR 52.212-5(e)(1).

**The following provision applies only to indirect sales by Company to the US Government.** As a Commercial Item Subcontractor, Company accepts only the following mandatory flow down provisions: 52.219-8; 52.222-26; 52.222-35; 52.222-36; 52.222-39; 52.247-64. If the sale of the Equipment is in connection with a U.S. Government contract, Customer certifies that it has provided and will provide current, accurate, and complete information, representations and certifications to all government officials, including but not limited to the contracting officer and officials of the Small Business Administration, on all matters related to the prime contract, including but not limited to all aspects of its ownership, eligibility, and performance. Anything herein notwithstanding, Company will have no obligations to Customer unless and until Customer provides Company with a true, correct and complete executed copy of the prime contract. Upon request, Customer will provide copies to Company of all requested written communications with any government official related to the prime contract prior to or concurrent with the execution thereof, including but not limited to any communications related to Customer's ownership, eligibility or performance of the prime contract. Customer will obtain written authorization and approval from Company prior to providing any government official any information about Company's performance of the work that is the subject of the Proposal or this Agreement, other than the Proposal or this Agreement.

**21. Limited Waiver of Sovereign Immunity.** If Customer is an Indian tribe (in the U.S.) or a First Nation or Band Council (in Canada), Customer, whether acting in its capacity as a government, governmental entity, a duly organized corporate entity or otherwise, for itself and for its agents, successors, and assigns: (1) hereby provides this limited waiver of its sovereign immunity as to any damages, claims, lawsuit, or cause of action (herein "Action") brought against Customer by Company and arising or alleged to arise out of the furnishing by Company of any product or service under this Agreement, whether such Action is based in contract, tort, strict liability, civil liability or any other legal theory; (2) agrees that jurisdiction and venue for any such Action shall be proper and valid (a) if Customer is in the U.S., in any state or United States court located in the state in which Company is performing this Agreement or (b) if Customer is in Canada, in the superior court of the province or territory in which the work was performed; (3) expressly consents to such Action, and waives any objection to jurisdiction or venue; (4) waives any requirement of exhaustion of tribal court or administrative remedies for any Action arising out of or related to this Agreement; and (5) expressly acknowledges and agrees that Company is not subject to the jurisdiction of Customer's tribal court or any similar tribal forum, that Customer will not bring any action against Company in tribal court, and that Customer will not avail itself of any ruling or direction of the tribal court permitting or directing it to suspend its payment or other obligations under this Agreement. The individual signing on behalf of Customer warrants and represents that such individual is duly authorized to provide this waiver and enter into this Agreement and that this Agreement constitutes the valid and legally binding obligation of Customer, enforceable in accordance with its terms.

1-26.130-4 (0614)  
Supersedes 1-26.130-4(0214)

## BUILDING AUTOMATION SYSTEM PROPOSAL

Prepared for: Williamson County Government

Date: 2-27-2018

Attn: Mark Veselka

Email: [mark@lochridgepriest.com](mailto:mark@lochridgepriest.com)

Thank you for the opportunity to provide this proposal, Controls on the new Building J and add to the existing WebCTRL system @ Williamson County Government WebCTRL System. The scope of work (SOW) detailed below is based plans & specs by HCE Engineers. Automated Logic will provide all necessary engineering, software, programming, hardware, installation, project management, commissioning, and warranty to deliver a complete and functioning BAS system.

**Consulting Engineer:** HCE

**Specification Sections:** Per Scope of Work Below

**Mechanical Plans:** MPj-201

**Date:** 5/5/2017

**Addenda:** None

### Scope of Work

Specifically, for this project Automated Logic will:

1. Provide web-based WebCTRL Building Automation Systems platform including the following:
  1. Existing WebCTRL Software & Server
  2. New Bacnet Router for Building J
  3. Thermographic floor plans
  4. Dynamic Equipment graphics
2. Provide controls and monitoring for the equipment listed below:
  - A) One (1) Fan Coil Unit: Sequence of Operations and Controls Points List per Plans and Specs in Base Bid.
  - B) One (1) Exhaust Fan: Sequence of Operations and Controls Points List per Plans and Specs in Base Bid.
3. Provide Automated Logic routers, controllers, and ancillary devices to support the equipment listed above.
4. Provide programing, logic, database configuration, and graphics to support the equipment listed above and execute the required sequence of operations.
5. Provide start up and commissioning to verify proper operation of system inputs, outputs, and sequences.
6. Provide engineered drawings and submittals.
7. Graphics approval and sequence simulation checks
8. Provide one year warranty on parts and labor.

### Proposal Pricing:

<u>Item</u>	<u>Description</u>	<u>Value</u>
1.	Total Price for the above work	\$ 3,670.00

### Scope Exclusions & Clarifications

#### Exclusions:

- Systems Outside Scope of Work Area

- Trenching and underground burial on conduit (provided by Elgin ISD or others)
- Interlock control wiring and monitoring of fire, smoke and fire/smoke dampers
- Furnishing, mounting and wiring of duct mounted smoke detectors
- Demolition of existing controls
- Testing and balancing (T&B) services.
- Trenching for the burial of conduit and wire.
- Wiring 120 volts and above such as power to control panels.
- Motor Starters, disconnects, & variable frequency drives (VFD's)
- Disconnects, starters, and variable frequency drives (VFD's).
- Manual volume dampers, fire dampers, fire and smoke dampers or their installation
- All manual shut off valves.
- Thermometers and gauges.
- Installation of ALC furnished control valves, wells, hot taps, shutoff valves & pipe fittings required to install water flow switches
- Installation of ALC furnished material unless explicitly included in SOW above.
- Cutting, patching and painting and any building penetrations.
- Labor for 3rd party commissioning unless included in above scope.
- Permits, fees, or performance and payment bonds.
- Conduit Stubs ups for wall mounted sensors and /or thermostats (by Division 16 or 26)
- We exclude the factory mounting cost per the pans and specifications for the terminal units.
  - The terminal unit manufacturer to :
    - Mont the DDC controller furnished by Automated Logic
    - Provide calibrate and install the airflow sensors
    - Provide and install a 24 VAC power supply for each terminal unit.
    - Mount the terminal unit damper motor furnished by Automated Logic.
- Labor for 3<sup>rd</sup> Party Commissioning unless indicated in above scope.
- Dedicated broad band access service
- Bonds (unless specified on Proposal Price
- Sales Tax.

#### Clarifications:

- All valves, dampers, and thermo-wells will be furnished to the mechanical contractor for installation.
- Pricing in this proposal is based on labor during normal business hours.
- ALC will provide pricing for a comprehensive Service Agreement upon delivery of the commissioned system.
- This proposal is subject to the attached TERMS AND CONDITIONS OF SALE AUTOMATED LOGIC CONTRACTING SERVICES, INC.

Thank you for your consideration of Automated Logic for this project. We look forward to working with you and your team on this unique opportunity. Please feel free to contact me anytime with questions or for any clarifications or scope modifications.

Dennis Aramil  
*Senior Account Executive*  
Automated Logic  
M: 512-848-9180  
dennis.aramil@automatedlogic.com

**This Proposal is hereby accepted per  
The attached terms & conditions:**

Automated Logic:

CUSTOMER:

\_\_\_\_\_  
Customer Name

\_\_\_\_\_  
Customer Name

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

## TERMS AND CONDITIONS OF SALE AUTOMATED LOGIC CONTRACTING SERVICES, INC.

**1. PAYMENT AND TAXES** – Payment shall be made net 30 days from date of invoice. Automated Logic reserves the right to require cash payment or other alternative method of payment prior to shipment or completion of work if Automated Logic determines, in its sole discretion, that Customer or Customer's assignee's financial condition at any time does not justify continuance of the net 30 days payment term. In addition to the price, the Customer shall pay Automated Logic any taxes or government charges arising from this Agreement. If Customer claims any such taxes do not apply to transactions covered by this Agreement, Customer shall provide Automated Logic with acceptable tax exemption certificates. Payment for service agreements shall be due and payable in advance of services being rendered.

**2. SCOPE OF WORK/EXCLUSIONS** – Repair to building construction, plastering, patching and painting are excluded. Customer agrees to provide Automated Logic with required field utilities (electricity, toilets, drinking water, receiving dock, project hoist, elevator service, etc.) without charge. Automated Logic agrees to keep the job site clean of debris arising out of its own operations. Customer shall not back charge Automated Logic for any costs or expenses without Automated Logic's written consent. Unless specifically noted in the statement of the scope of work or services undertaken by Automated Logic under this Agreement, Automated Logic's obligations under this agreement expressly exclude any work or service of any nature associated or connected with the identification, abatement, clean up, control, removal, or disposal of environment hazards or dangerous substances, to include but not be limited to asbestos or PCBs, discovered in or on the premises. Any language or provision of the Agreement elsewhere contained which may authorize or empower the Customer to change, modify, or alter the scope of work or services to be performed by Automated Logic shall not operate to compel Automated Logic to perform any work relating to Hazards without Automated Logic's express written consent. Services performed at customer's direction outside of the scope of this Agreement will be billed at our scheduled rates.

**3. EXTRAS** – Work and material in addition to or different from that stated herein, and changes in drawings, specifications or time of performance, shall be considered as extras, and shall entitle Automated Logic to an adjustment in the contract price and the delivery schedule.

**4. EMERGENCY SERVICE WORK** – If emergency service is performed at Customer's request and inspection does not reveal any defects for which Automated Logic is liable under this Agreement, Customer shall pay for such work at Automated Logic's prevailing time and material rate.

**5. SHIPMENT/PARTIAL SHIPMENT/RETURNS** – All product shipments shall be F.C.A. shipping point (Incoterms 2010), freight prepaid and allowed to the job site. Shipment dates quoted are approximate. Automated Logic does not guarantee a particular date for shipment or delivery. Automated Logic shall have the right to ship any portion of equipment, goods or other materials included in this Agreement and invoice Customer for such partial shipment. No goods will be accepted for return without prior written authorization. Returned goods may be subject to a restocking charge. Special order and non-stock items cannot be returned.

**6. DELAYS** – Automated Logic shall not be liable for any delay in the performance of the work resulting from or attributed to acts or circumstances beyond Automated Logic's control, including, but not limited to, acts of God or of the public, acts of government, acts of terrorism, fire, floods, epidemics, freight embargoes, unusually severe weather, riots, strikes or labor disputes, conditions of the premises, acts or omissions of the Customer, Owner or other contractors, or delays caused by suppliers or subcontractors ("Force Majeure Event(s)"). In the event Automated Logic is delayed in manufacturing, shipping, delivery or any other performance under this Agreement by a Force Majeure Event and without the fault or negligence of Automated Logic, Automated Logic agrees to notify Customer in writing as soon as practicable of the causes of such delay, and Automated Logic shall further be entitled to an extension of the time equivalent to the duration of any such delay and a reasonable time in which to recover from said delay to resume performance. In the event any materials or equipment to be provided by Automated Logic under this Agreement becomes permanently unavailable as a result of a Force Majeure Event, Automated Logic shall be excused from furnishing said materials or equipment.

**7. WARRANTY** – Automated Logic warrants to Customer that the Work performed by Automated Logic hereunder will comply in all material respects with the attached Scope of Work or Statement of Services and will be free from material defects in workmanship. Automated Logic warrants that all equipment manufactured by Automated Logic Corporation and all Automated Logic equipment, parts or components supplied hereunder will be free from defects in material and workmanship. Automated Logic shall at its option repair or replace, F.C.A. point of sale (Incoterms 2010), any equipment, part or component sold by Automated Logic and determined to be defective within one (1) year from the date Customer has beneficial use. Automated Logic does not warrant products not manufactured by Automated Logic, but it does pass on to Customer any available manufacturer's warranty for such products. Automated Logic warrants that all services provided by Automated Logic hereunder shall be performed in a workmanlike manner. In the event any such service is determined to be defective within ninety (90) days of completion of that service, Automated Logic shall at its option re-perform or issue a credit for such service. Automated Logic's obligations as set forth herein shall be Customer's exclusive remedy. Automated Logic shall not be responsible for labor charges for removal or reinstallation of defective equipment, parts or components, for charges for transportation, handling and shipping, or for repairs or replacement of such equipment, parts or components required as a consequence of faulty installation when not installed by Automated Logic, misapplication, vandalism, abuse, exposure to chemicals, improper servicing, unauthorized alteration or improper operation by persons other than Automated Logic. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**8. WORKING HOURS** – All services performed under this Agreement, including major repairs, are to be provided during Automated Logic's normal working hours unless otherwise agreed in writing.

**9. CHANGE ORDERS/ADDITIONAL WORK** – Automated Logic will not perform additional work until such time as Automated Logic receives a change order, duly executed by each party, setting forth the scope and an agreed upon price for the additional work, as well as any appropriate adjustments to the delivery schedule. Additional work and/or materials supplied under any change order shall be subject to the terms of this Agreement.

**10. CUSTOMER RESPONSIBILITIES** – Customer shall: provide safe and reasonable access to the job site and equipment being serviced; provide a safe work environment; keep areas adjacent to equipment free of extraneous material; move any stock, fixtures, walls, partitions, ceilings, enclosures or such other property as may be necessary to perform the specified work; promptly notify Automated Logic of any unusual operating conditions; operate any equipment supplied hereunder properly and in accordance with instructions; and identify and label any asbestos containing material that may be present. The Customer will provide, in writing, prior to the start of a job, a signed statement regarding the absence or presence of asbestos for any job where the building or the equipment to be serviced is older than 1981. Should this document state that no asbestos is present, the Customer will also provide in writing the method used to determine the absence of asbestos. If online service via modem is being provided, the Customer shall provide and maintain, at Customer's cost, a voice grade dial-up telephone line or internet connection installed in a mutually agreed upon location.

**11. LIMITATION OF LIABILITY** – Under no circumstances shall Automated Logic be liable for any indirect, incidental, special or consequential damages, including loss of revenue, loss of use of equipment or facilities, loss of data, or economic damages howsoever arising. Automated Logic shall be liable for damage to property, other than equipment provided under this Agreement, and to persons, to the extent that Automated Logic's negligent acts or omissions directly contributed to such injury or property damage. To the extent permitted by law, Automated Logic's aggregate liability for any reason, whether in contract, tort (including negligence) or otherwise, will be limited to the value of the payments received by Automated Logic under this Agreement. The aggregate liability shall not limit the liability of Automated Logic for any injury to, or death of a person, caused by its gross negligence.

**12. CUSTOMER TERMINATION FOR DEFAULT** – Customer shall have the right to terminate this Agreement for Automated Logic's default provided Automated Logic fails to cure such default within thirty (30) days after having been given prior written notice of the default. Upon early termination or expiration of this Agreement, Automated Logic shall have free access to enter Customer locations to disconnect and remove any and all Automated Logic-owned parts, tools and personal property. Additionally, Customer agrees to pay Automated Logic for all incurred but unamortized service costs performed by Automated Logic including overhead and a reasonable profit.

**13. AUTOMATED LOGIC TERMINATION** – Automated Logic reserves the right to discontinue its service or performance under this Agreement any time payments have not been made as agreed or if alterations, additions or repairs are made to equipment during the term of this Agreement by others without prior agreement between Customer and Automated Logic. Should Customer fail to make payment in accordance with the terms of this Agreement and such failure continues without cure for a period of five (5) days following Customer's receipt of written notice of such payment default, Automated Logic may terminate this Agreement without liability.

**14. CLAIMS / ALC EMPLOYEES** – Any lawsuits arising from the performance or nonperformance of this Agreement, whether based upon contract, negligence, strict liability or otherwise, shall be brought within one (1) year from the date the claim arose. The Customer acknowledges that Automated Logic's employees are valuable assets to Automated Logic. During the Term of this Agreement or one hundred eighty (180) days thereafter, whichever is greater, if Customer hires an Automated Logic employee who worked at the Customer's facility at any time, the Customer agrees to 1) pay Automated Logic an amount equal to twelve (12) months' salary for such employee, and 2) reimburse Automated Logic for all costs associated with any training Automated Logic provided to such employee.

**15. GOVERNMENT PROCUREMENTS –**

**(a) COMMERCIAL ITEMS** – The components, equipment and services provided by Automated Logic under this Agreement are "commercial items" as defined in Section 2.101 of the Federal Acquisition Regulations ("FAR"), and the prices of such components, equipment and services are based on Automated Logic's commercial pricing policies and practices (which do not consider any special requirements of U.S. Government cost principles, FAR Part 31, or any similar procurement regulations). As such, Automated Logic will not agree to provide or certify cost or pricing data, nor will Automated Logic agree to comply with the Cost Accounting Standards (CAS). In addition, no federal government procurement regulations, such as FARs or DFARS, shall apply to this Agreement except those regulations expressly accepted in writing by Automated Logic.

**(b) WHERE AUTOMATED LOGIC IS SUBCONTRACTOR** – Where Automated Logic is subcontractor, Automated Logic is agreeing to perform a private subcontract for the sale of a commercial item on a fixed-price basis to Customer (a private entity) and as such there shall be no Federal Acquisition Regulations (FARs), DFARS, CFRs, or any other federal government procurement regulations of any kind which apply to this Agreement, except those regulations expressly accepted in writing by Automated Logic. In addition, Automated Logic will not agree to provide or certify cost or pricing data nor will Automated Logic agree to comply with the Cost Accounting Standards (CAS). Automated Logic refers to FAR 52.244-6, "Subcontracts for Commercial Items and Commercial Components."

**16. HAZARDOUS MATERIALS** – If Automated Logic encounters any asbestos or other hazardous material while performing this Agreement, Automated Logic may suspend its work and remove its employees from the project, until such material and any hazards associated with it are abated. The time for Automated Logic's performance shall be extended accordingly, and Automated Logic shall be compensated for the delay.

**17. OCCUPATIONAL SAFETY AND HEALTH** – Automated Logic and Customer agree to notify each other immediately upon becoming aware of an inspection under, or any alleged violation of, the Occupational Safety and Health Act ("OSHA") relating in any way to the performance of work under this Agreement, the project or the job site.

**18. ENTIRE AGREEMENT, ASSIGNMENT and MODIFICATION** - This Agreement contains the complete and exclusive statement of the agreement between Automated Logic and Customer and supersedes all previous or contemporaneous, oral or written, statements. Customer may assign this Agreement only with Automated Logic's prior written consent. No change, modification, amendment or waiver of any of the terms or conditions of this Agreement shall be binding upon the parties unless made in writing and duly executed by both parties hereto.

**19. CUSTOMER CONSENT** - Customer consents and agrees that Automated Logic may, from time to time, publicize Automated Logic related projects with Customer, including the value of such projects, in all forms and media for advertising, trade, and any other lawful purposes.

**20. FOR WORK BEING PERFORMED IN CALIFORNIA** - Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

**21. INTELLECTUAL PROPERTY** – Notwithstanding anything to the contrary stated herein, Automated Logic retains ownership of its intellectual property and no license to Automated Logic's intellectual property is granted except as necessary for Customer to use any deliverables and/or services provided hereunder.



Date: March 2, 2018

To: Vaughn Construction  
Attention: Doug Boram  
Phone: 512.663.7461  
Email: dougboram@vaughnconstruction.com

Reference: WILCO NCF 3145 SE Inner Loop Sign Shop, Contract Documents dated 5/22/2017.

**Schmidt Reference: 961-PCO-006 R1**

We are pleased to provide the following proposal for our understanding of the electrical activities on the above referenced project as follows:

**Base Bid: \$ 87,400.00**

**Qualifications:**

**This proposal includes all of the following:**

1. Division 26 activities.
2. This proposal is based on a 40-hour workweek (Monday—Friday) not to exceed 3 months.
3. Temporary electrical for small tools and OSHA required lighting. Utilize existing lighting for temporary lights. Add temporary lighting in existing office area as needed after demolition.
4. Make Safe items for demolition. Mark for removal by demolition contractor.
5. Provide an 225A service (disconnect and meter) on the West end of the existing building per drawing Ej-2.01 and a new 225A, 42 circuit panelboard LJ in the new electric room.
6. Procurement and installation of new light fixtures as per lighting fixture schedule on drawing E-1.02.
7. Procurement and installation of new raceways, conductors and wiring devices per drawing Ej-2.01.
8. Hoisting for electrical activities.
9. Pull strings in all empty conduits.
10. Rough in for data systems based on conduits stubbed up to accessible ceilings.
11. Prevailing wage rates.

**This proposal excludes all of the following:**

1. Taxes.
2. Payment and Performance Bond.
3. Modifications to the existing fire alarm, data, AV and security systems. We have included rough in and back boxes for data only.
4. Utility and engineering fees.
5. "Up and Down" charges by utility for connection of temporary power.
6. Cost of temporary electrical usage.
7. Painting and patching of existing surfaces at electrical installations.
8. Cutting and replacement of asphalt.
9. Fire Alarm, Security and HVAC Controls raceways and cabling. (None shown on drawings)
10. Trenching, conduit and cabling for Technology Service to building. (Provided by owner)
11. Installation of access panels.
12. Formed concrete activities which include, light pole bases, transformer pad, equipment pads, housekeeping pads.
13. Roof penetrations including flashing and sealing for electrical.



14. Cost of repair of unforeseen underground utilities damaged during excavation for installation of electrical activities.
15. Cost of repair or replacement of landscape damaged during excavation for installation of electrical activities.
16. Patching of existing penetrations in the metal siding.
17. Lightning protection.

**This proposal is contingent on all of the following:**

1. Issuance of a "Lump Sum" contract.
2. Having a detailed construction schedule at time of contract.
3. Total job duration not to exceed 3 months.
4. Voltage drop calculations being provided by the electrical engineer and all branch and feeder sizes scheduled being based on the calculations.
5. G.C. providing all locations, elevations and/or grades required for the electrical installation.
6. G.C. locating, marking, and identifying all underground utilities prior to commencement of excavation.
7. All underground/overhead utilities having been previously approved by each respective utility agency.

If you should have any questions and/or comments relative to this proposal, please contact me directly at 512.369.5551 or [sschwartz@schmidt-electric.com](mailto:sschwartz@schmidt-electric.com).

Sincerely,

Scott Schwartz  
Schmidt Electric Company, Inc.

## Doug Boram

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**From:** Randall Reese <randall@wpmexc.com>  
**Sent:** Wednesday, March 7, 2018 2:11 PM  
**To:** Doug Boram  
**Subject:** BLDG J

Doug,

WPM will perform the earthwork and concrete for build J at the Wilco North Campus for \$23,133.00 .

Randall Reese  
Project Manager  
Phone 512-689-5220





8013 Exchange Drive, Suite 300  
 Austin, TX 78754  
 512.928.5655 Voice 512.928.5711 Fax  
 www.corporatefloors.com

**Date:**  
2/27/2018

**To:**  
DOUG BORAM

**From:**  
Dean Smart

# Change Order Request

34276

**Customer PO:**  
233901-0022

Bill To		Project		Job No:
VAUGHN CONSTRUCTION AUSTIN 6604 NORTH LAMAR AUSTIN, TX 78752		WILCO NORTH CAMPUS FACILITIES 2.23.17 3171 SE INNER LOOP GEORGETOWN, TX 78626		55821
DOUG BORAM Phone: (512) 663-7461- Cell: Pager: Fax:		Phone: Cell: Pager: Fax:	Phone: Cell: Pager: Fax:	<b>Request #:</b> 11 <b>CO #:</b> 0 <b>Bid Date:</b> 2/23/2017 <b>Date:</b> 2/27/2018

**Description of Change Order Request:**

BLDG J SIGNAGE BUILDING

**BLDG J SIGNAGE BUILDING**

**ADD**

Line	Description	Quantity	
1	<b>LVT VINYL FIELD - SUPPLIED AND INSTALLED - NO PATTERNS ARE INCLUDED</b> KARNDEAN - OPUS COLLECTION - URBUS -	936.00	SF
2	<b>B-1 WALL BASE SUPPLIED AND INSTALLED -</b> ROPPE® CORPORATION - WALL BASE-RUBBER-COVE-ROLL-4" X 1/8"X120 - DEEP NAVY - 139	360.00	LF
3	<b>TRANSITIONS -</b> ROPPE® CORPORATION - TBD - TBD -	24.00	LF
4	<b>FLOOR PREP - ANY ADDITIONAL WILL BE \$55 EACH</b> ARDEX® - FEATHER FINISH SD-F - 10# bags -	10.00	EA
5	<b>C-1 CARPET SUPPLIED AND INSTALLED -</b> SHAW COMMERCIAL CARPETS - HYBRID TILE 24" X 24" - STIPPLE - 64505	32.00	SY
		<b>Total ADD</b>	<b>\$6,785.29</b>
		<b>Total This Option :</b>	<b>\$6,785.29</b>

**SIGNED:** \_\_\_\_\_

**CUSTOMER'S AUTHORIZATION:** \_\_\_\_\_



**FURNISH & INSTALL**

5151 Castroville Road • San Antonio, TX 78227

Phone: (210) 298-5593 • Fax: (210) 523-1544 • www.deaspecialties.com

[pkerkez@deaspecialties.com](mailto:pkerkez@deaspecialties.com)

Attention:	<b>Camille Carpenter</b>	Date:	March 8, 2018
Project:	<b>Williamson County NCF - Bldg. J (Sign Shop)</b>	Location:	Georgetown, TX
Plans Dated:		Acknowledged Addendum:	0

**SECTION 10 28 13 - TOILET ACCESSORIES**

Quantity	Manufacturer	Model #s	Description
1	Bobrick	B-165 1836	18" x 36" Channel Frame Mirror
1	Bobrick	B-262	Paper Towel Dispenser
1	Bobrick	B-27460	Toilet Paper Dispenser
1	Bobrick	B-6806X36	36" Grab Bar
1	Bobrick	B-6806X42	42" Grab Bar
1	Bobrick	B-26607	Soap Dispenser
1	Bobrick	B-7128	Electric Hand Dryer (Installation by others)
1	Bobrick	B-279	Waste Receptacle

**TOTAL TO FURNISH AND INSTALL TOILET COMPARTMENTS AND TOILET ACCESSORIES** **\$1,572.00**

**EXCLUSIONS:** OFOI ACCESSORIES (NAPKIN DISPOSALS, SOAP DISPENSERS, TOWEL DISPENSERS), UNDERLAVATORY GUARDS, INSTALLATION OF HAND DRYERS, BLOCKING, OPENINGS FOR RECESSED UNITS, FURR-OUTS, CAULK/SEALANTS.

**LEAD TIMES** Allow 2-4 weeks for fabrication and shipping following receipt of signed contract, approved submittals, color selection and field measurements have been determined.

Sales Tax: Included      Excluded      x	
The General Contractor / Purchaser hereby accepts this quotation, and the <b>TERMS and</b> hereeto, this ____ day of _____, 20 ____.	<b>DEA SPECIALTIES</b>
Name of General Contractor/Purchaser:	By:
Authorized Signature	Name: Peter Kerkez
Name of Purchaser and Title	Its: Estimator/Project Manager

Exclusive factory authorized distributor for *Modernfold Operable Partitions*, *Kalwall Daylighting Systems*, *Smoke Guard Smoke and Fire Curtains*, and *Solatube Daylighting Devices*.

**HUB certified with the State of Texas/8M SCTRCA DBE/SBE/WBE WOBE certified with the City of Austin.**

**DEA Specialties Co., Inc. is a Nevada Sub-S Corporation**



# REQUEST FOR CHANGE

**RFC #** 003  
**RFC Date** 3/8/2018  
**Project Name:** Wilco North Campus Facilities  
**Project Number:**  
**Page Number:** 1

Client Address:

**Vaughn Construction**

3171 SE Inner Loop  
Georgetown, TX 78626

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**Work Description**

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We are pleased to offer the following change proposal for your review. Titus Group proposes to furnish labor and material for a complete structured cable installation in accordance with **Building J Addition** dated 03/08/2018.

**RFC# 003 PRICE: 4,726.35**

**SCOPE:**

This proposal includes material and labor costs for implementing a horizontal structured cable installation in Building J

1. Procure & Install Wall-mount Cabinet.
2. Procure & install 48-port & 24-port modular panels in quantities required to terminate all horizontal cables.
3. Procure & Install CAT6 cabling from cabinet to each outlet location identified in drawing in quantities necessary for outlet type.
4. Terminate all cables on both ends using modular CAT6 jacks in colors and quantities necessary for outlet type.
5. Label both ends of all cables, cabinet, & outlets per contract specifications.
6. Test all cables per contract specifications.

**EXCLUSIONS:**

1. Hoisting or lifting.
2. Cutting or patching of concrete, masonry, brick, etc.
3. Cutting or patching of sheetrock, plaster, etc.
4. Painting or priming of any kind.
5. Overtime, expediting fees.
6. Plywood Backboards
7. Man Lifts.
8. Floor Cores/Sleeves.

**CLARIFICATIONS:**

1. Pricing is valid for 15 days from date of this change proposal
2. Titus Systems reserves the right to withdraw this proposal upon discovery of information that may alter this proposal's scope and final amount.

If you have any questions regarding this proposal please contact me at (737) 215-1644.

Sincerely,  
Titus Systems, LLC.

Brian Elliott  
Project Manager

# REQUEST FOR CHANGE

Client Address:

**Vaughn Construction**  
3171 SE Inner Loop  
Georgetown, TX 78626

**RFC #**

**RFC Date**

**Project Name:**

**Project Number:**

**Page Number:**

**003**

3/8/2018

Wilco North Campus Facilities

2

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## Itemized Breakdown

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Description	Qty	Net Price U	Total Mat.	Labor U	Total Hrs.
CAT6 Modular Jack	40	5.14 E	205.60	0.20 E	8.00
48-Port CAT6 Mod Pnl	1	49.03 E	49.03	0.30 E	0.30
24-Port CAT6 Mod Pnl	1	27.40 E	27.40	0.30 E	0.30
Wall-Mount Cabinet	1	693.49 E	693.49	1.50 E	1.50
Power Stip	1	179.10 E	179.10	0.30 E	0.30
Water Fall	1	42.00 E	42.00	0.30 E	0.30
Cable Hanger	32	14.00 E	448.00	8.00 C	2.56
CAT6 Cable	2,000	0.29 E	580.00	5.50 M	11.00
2-Port Wallplate	10	1.47 E	14.70	0.15 E	1.50
Label Cable	40	0.10 E	4.00	7.00 C	2.80
Lable Cabinet	1	0.10 E	0.10	7.00 C	0.07
Label Outlet	20	0.10 E	2.00	7.00 C	1.40
Cable Test - 4pr (Data)	20	0.00 E	0.00	0.25 E	5.00
<b>Totals</b>	<b>2,168</b>		<b>2,245.42</b>		<b>35.03</b>

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## Summary

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### MATERIAL

#### Total Material

Direct Labor  
Indirect Labor

1,440.78  
170.00

**2,245.42**

#### Total Labor

General Expenses

**1,610.78**

57.64

#### Subtotal

Overhead (@ 15.000 %)  
Markup (@ 5.000 %)

587.08  
225.05

**3,913.84**

#### Subtotal

Final Adjustment

**4,725.97**

0.38

#### Final Amount

**\$4,726.35**

*These documents are for interim review and are not intended for regulatory approval, bidding, permit, or construction purposes*  
Mark Daniel Brown  
TX 17980

ASSOCIATE ARCHITECT  
FUSE ARCHITECTURE STUDIO  
702 SAN ANTONIO ST.  
AUSTIN, TX 78701  
512-992-1520

CIVIL  
HALFF ASSOCIATES  
4030 W BREAKER LN.  
SUITE 400  
AUSTIN, TX 78759  
512-777-4800

STRUCTURAL  
JASTER-QUINTANILLA & ASSOC.  
1608 W. 6TH  
SUITE 100  
AUSTIN, TX 78703  
512-474-9094

MEP  
HENDRIX CONSULTING ENGINEERS  
115 E. MAIN ST.  
ROUND ROCK, TX 78664  
512-218-0060

LANDSCAPE  
COLEMAN & ASSOCIATES  
9890 SILVER MOUNTAIN DR.  
AUSTIN, TX 78737  
512-476-2090

FUELING  
SSCI  
17044 EL CAMINO REAL  
SUITE 200  
HOUSTON, TX 77058  
281-486-1943

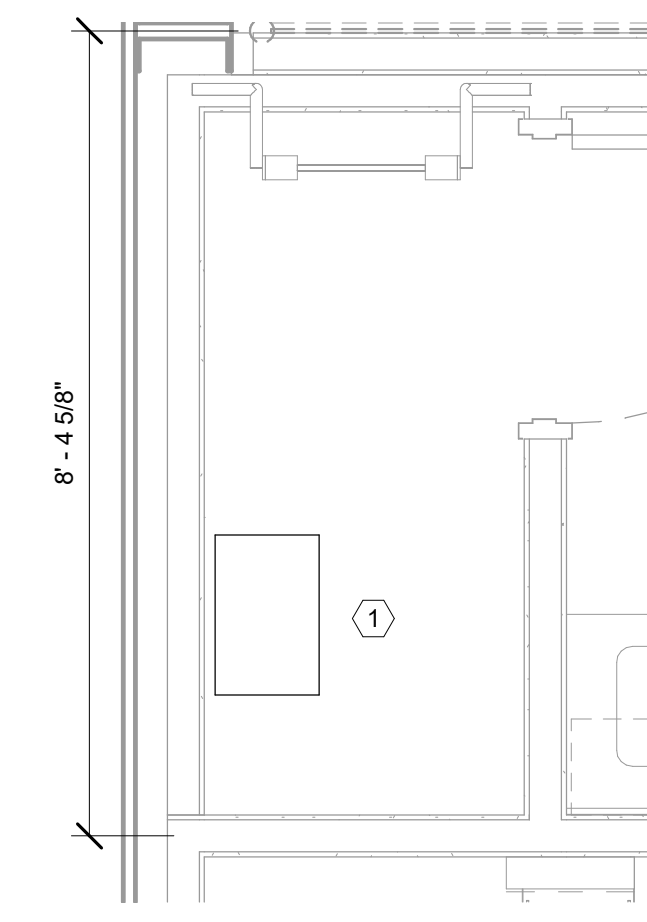
E. E. & E  
TECHCENTER DESIGN  
P.O. BOX 91705  
AUSTIN, TX 78709  
512-407-8447

ACOUSTICS  
BAI  
4006 SPEEDWAY  
AUSTIN, TX 78751  
512-476-3464

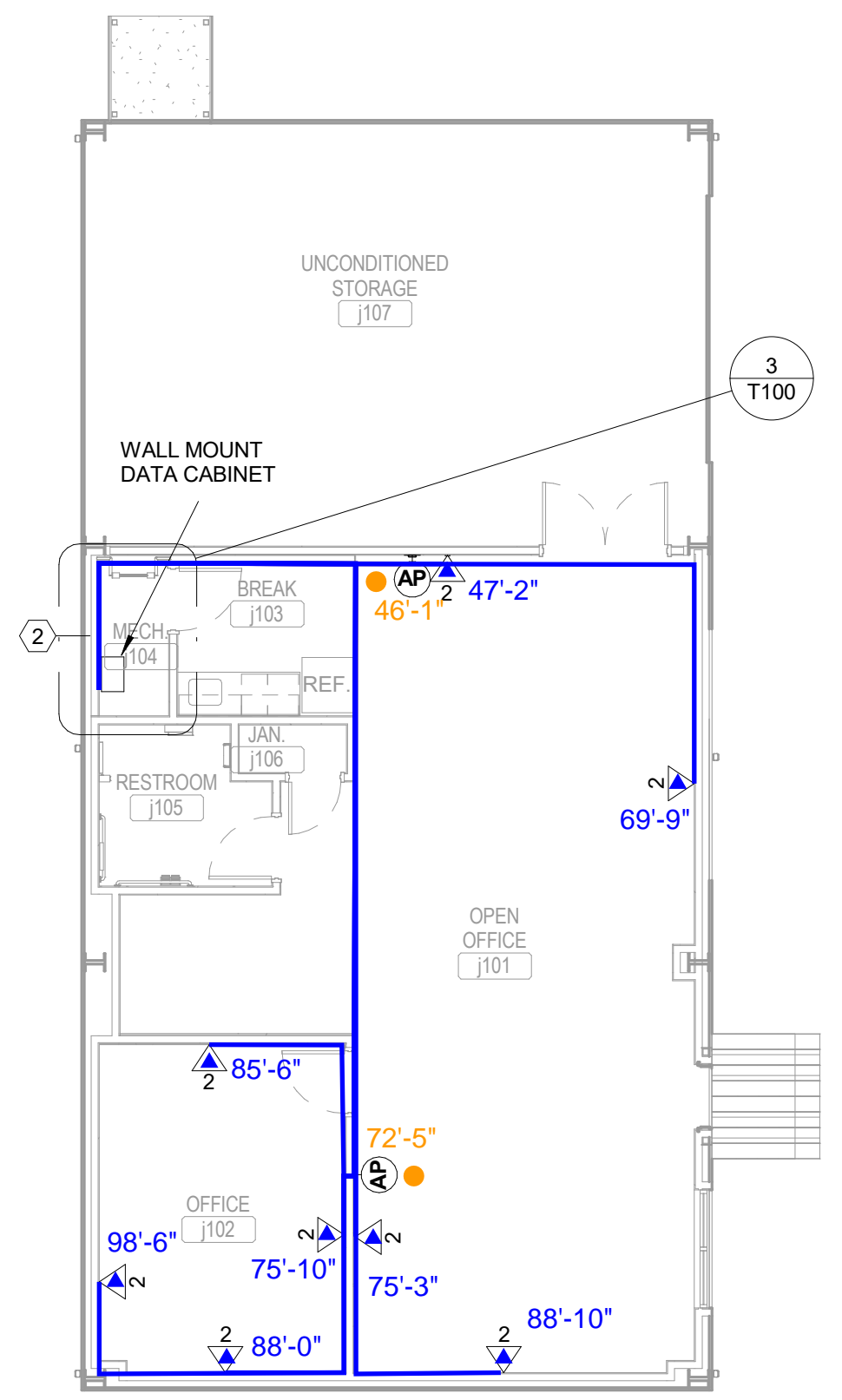
TECHNOLOGY & SECURITY  
TRUE NORTH CONSULTING GROUP  
P.O. BOX 2169  
HEWITT, TX 76643  
254-229-0099

ROOFING/WATERPROOFING  
JENKINS  
4705 PINEHURST DR. S  
AUSTIN, TX 78747  
512-415-3411

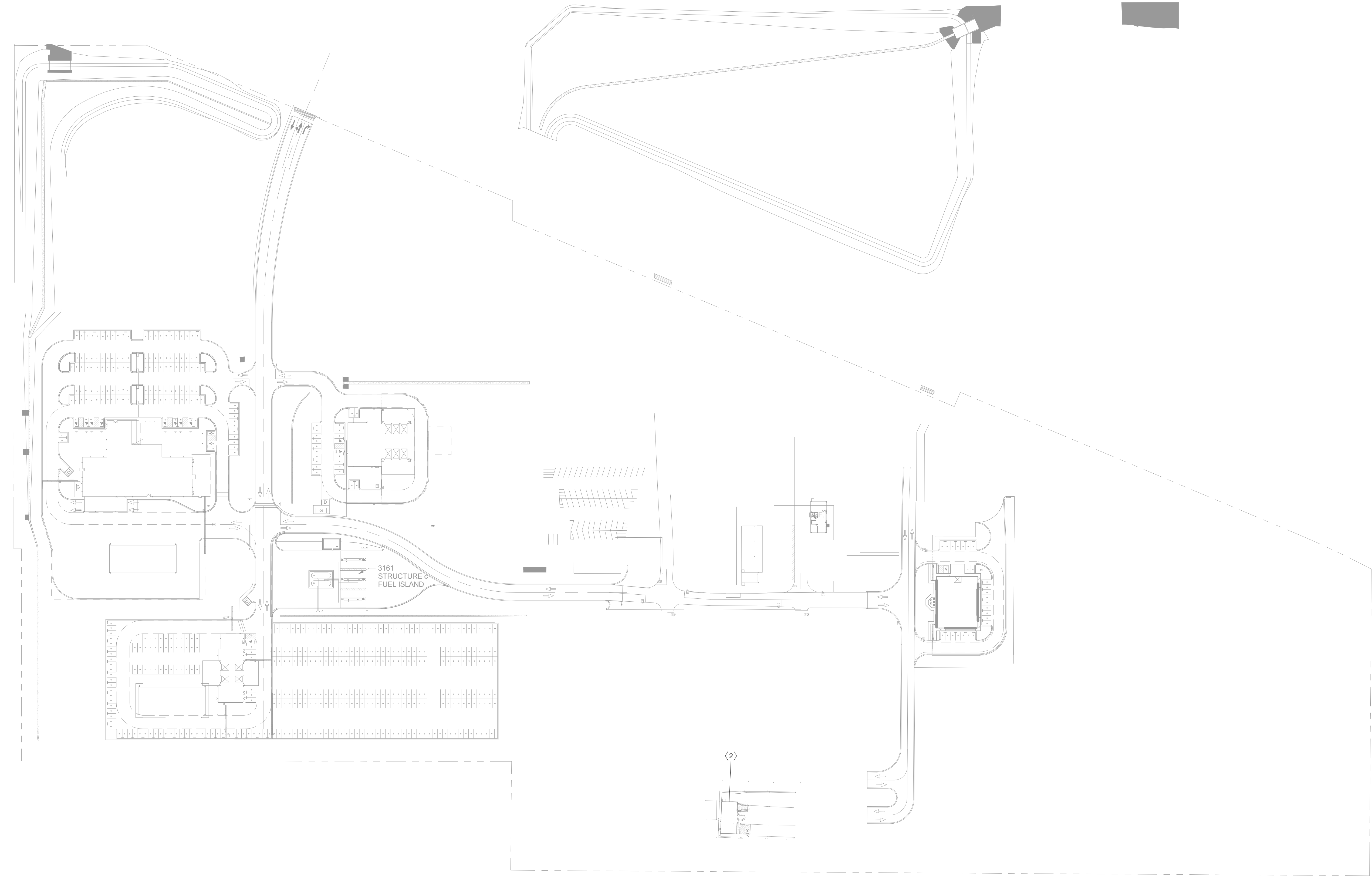
- TECHNOLOGY - KEYNOTES**
- ① BLACKHAWK LABS MRQ300S10 MiniRiQ STANDARD WALL MOUNT CABINET. CONTRACTOR SHALL GROUND CABINET AS PER SPECIFICATION DOCUMENTS.
  - ② 2 - 4" CONDUITS TO EXISTING ADMIN OFFICE (EXISTING ADMIN OFFICE) TO TIE INTO EXISTING TELECOM AND DATA SERVICES. FIELD COORDINATE LOCATION WITH OWNER.



③ 01-Tech-Level 1 - MECH RM J104  
SCALE: 1/2" = 1'-0"



② TECHNOLOGY - LEVEL ONE - FLOOR PLAN  
SCALE: 1/8" = 1'-0"



① TECHNOLOGY - LEVEL ONE - SITE PLAN  
SCALE: 1" = 100'-0"

**NORTH CAMPUS FACILITY**  
**WILLIAMSON COUNTY**  
**SIGN SHOP-3145 SE INNER LOOP**

PROJECT NO.: 21504.07  
ISSUE DATE: 04/03/2017

No.	Date

TECHNOLOGY - SIGN SHOP

T100



**Project: 303393 - Williamson County North Campus Facility  
 Contemplated Change Order # 18  
 J Building**

**1 Single Door #J101**

1	Door Sweep	339AA 36"		ZE	
			Opening Total		17.81

**1 Single Door #J102 OPEN OFFICE j101 to OFFICE J102 RH**

1	HMD HF 16 A60 3070 F PG2 1 3/4 RH (45R3; LL8)				
1	SQ 16 A60 734 SGL 3070 Weld RH (45R3; A01_MSZ1-; S; FW3SF2)				
3	Hinges	5BB1 4 1/2 x 4 1/2 NRP	652	IV	
1	Lockset	9K3-7AB14D PATD S3	626	BE	
1	Wall Bumper	WS407CCV	US26D	IV	
3	Door Silencer	SR64		IV	
			Opening Total		1,093.98

**1 Single Door #J104 BREAK J103 from MECH J104 RHR**

1	HMD HF 16 A60 3070 LB PG2 1 3/4 RHR (45R3; LBCO; LL8; 24" x 24" AFDL)				
1	SQ 16 A60 612 SGL 3070 Weld LH (45R3; A01_MSZ1+; S; FW3FS4)				
3	Hinges	5BB1 4 1/2 x 4 1/2 NRP	652	IV	
1	Lockset	9K3-7D14D PATD S3	626	BE	
1	Wall Bumper	WS407CCV	US26D	IV	
3	Door Silencer	SR64		IV	
			Opening Total		1,214.73

**1 Single Door #J105 OPEN OFFICE j101 to RESTROOM J105 LH**

1	HMD HF 16 A60 3070 F PG2 1 3/4 LH (45R3; LL8)				
1	SQ 16 A60 612 SGL 3070 Weld LH (45R3; A01_MSZ1+; S; FW3SF2)				
3	Hinges	5BB1 4 1/2 x 4 1/2	652	IV	
1	Privacy Set	9K3-0L14D S3	626	BE	
1	Wall Bumper	WS407CCV	US26D	IV	
3	Door Silencer	SR64		IV	
			Opening Total		993.95

**1 Single Door #J106 OPEN OFFICE j101 from JANITOR J106 LHR**

1	2670 1 3/4 WD 404 HPLAM F PC LAM-WIL LHR (CL; HN)				
1	SU 16 A60 612 SGL 2670 Weld RH (45R3; A18_MS-; S; TB; W3SF2)				
3	Hinges	5BB1 4 1/2 x 4 1/2 NRP	652	IV	
1	Lockset	9K3-7D14D PATD S3	626	BE	
1	Wall Bumper	WS407CCV	US26D	IV	
3	Door Silencer	SR64		IV	
			Opening Total		968.50

**1 Pair Doors #J107 UNCONDITIONED STOR J107 from OPEN OFFICE G103 RHRA**

1	Pair HMD HF 18 A60 3070 F CW PG2 1 3/4 RHRA (C1; PV9; SH4)				
1	SU 14 A60 612 DBL 6070 Weld CW RHRA (F400-PR; H1; SH4; TB; VPC; W3SF4HD)				
2	Continuous Hinge	112HD 83"	US28	IV	
1	Fire Exit Device	F-25-C-L x 510L QUANTUM SEX RHR	SP28,	FL	
		BOLTS (2)	US28		
1	Fire Exit Device	F-25-C-EO x 510L-BE QUANTUM LHR	SP28,	FL	
			US28		

**Project: 303393 - Williamson County North Campus Facility  
 Contemplated Change Order # 18  
 J Building**

1	Rim Cylinder	12E-72 PATD	626	BE	
2	Door Closer	SC81A RW/PA TBWMS	689	FL	
2	Wall Bumper	WS407CCV	US26D	IV	
1	Weatherstrip	8878AA 1 x 72" 2 x 84"		ZE	
2	Sweep	8193AA 84"		ZE	
			Opening Total		4,689.04

<b>1</b>	<b>Single Door #J108</b>	<b>UNKNOWN to MECH LOFT J108</b>			<b>LH</b>
1	HMD HF 16 A60 3046 F PG2 1 3/4 LH (LL8)				
1	SQ 16 A60 612 SGL 3046 Weld LH (A01_MSZ1+; S)				
3	Hinges	5BB1 4 1/2 x 4 1/2 NRP	652	IV	
1	Lockset	9K3-7D14D PATD S3	626	BE	
1	Wall Bumper	WS407CCV	US26D	IV	
3	Door Silencer	SR64		IV	
			Opening Total		1,029.97

**Section Totals**

Finish Hardware	4,305.00
Hollow Metal Doors	3,778.00
Hollow Metal Frames	1,497.00
Wood Doors	428.00
<b>Pre-Tax Total</b>	<b>10,008.00</b>

**Taxes**

EX - NON-TAXABLE	-
<b>Tax Total</b>	<b>-</b>

**Grand Total 10,008.00**