

Work Order Signature Document

EZIQC Contract No.: GA-ST07-040820-JLC

New Work Order **Modify an Existing Work Order**

Work Order Number: 091670.00 Work Order Date: 04/30/2021

Work Order Title: DeKalb - Fires Station 7 Apparatus Exhaust

Owner Name: DeKalb County Contractor Name: Johnson-Laux Construction, LLC

Contact: Jason Smith Contact: Steve Adams

Phone: 678-406-7741 Phone: (912) 398-9976

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of EZIQC Contract No GA-ST07-040820-JLC.

Brief Work Order Description:

Time of Performance *See Schedule Section of the Detailed Scope of Work*

Liquidated Damages Will apply: Will not apply:

Work Order Firm Fixed Price: \$81,500.43

Owner Purchase Order Number:

Approvals

Owner Date

Contractor Date

Detailed Scope of Work

To: Steve Adams
Johnson-Laux Construction, LLC
8100 Chancellor Drive, Suite 165
Orlando, FL 32809
(912) 398-9976

From: Jason Smith
DeKalb County
1300 Commerce Drive
Decatur, GA 30030
678-406-7741

Date Printed: April 30, 2021

Work Order Number: 091670.00

Work Order Title: DeKalb - Fires Station 7 Apparatus Exhaust

Brief Scope:

Preliminary

Revised

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Please see attached DSOW (Detailed Scope of Work).

Contractor

Date

Owner

Date

Contractor's Price Proposal - Summary

Date: April 30, 2021
IQC Master Contract #: GA-ST07-040820-JLC
Work Order Number: 091670.00
Owner PO #:
Work Order Title: DeKalb - Fires Station 7 Apparatus Exhaust
Contractor: Johnson-Laux Construction, LLC
Proposal Name: DeKalb - Fires Station 7 Apparatus Exhaust
Proposal Value: \$81,500.43

01 - General Requirements	\$8,170.06
02 - Site Work	\$508.52
05 - Metals	\$18,638.53
07 - Thermal & Moisture Protection	\$404.64
23 - Heating, Ventilating, And Air-Conditioning (HVAC)	\$31,112.29
26 - Electrical	\$10,087.88
27 - Communications	\$4,092.97
28 - Electronic Safety And Security	\$8,485.54
Proposal Total	\$81,500.43

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %

Contractor's Price Proposal - Detail

Date: April 30, 2021
IQC Master Contract #: GA-ST07-040820-JLC
Work Order Number: 091670.00
Owner PO #:
Work Order Title: DeKalb - Fires Station 7 Apparatus Exhaust
Contractor: Johnson-Laux Construction, LLC
Proposal Name: DeKalb - Fires Station 7 Apparatus Exhaust
Proposal Value: \$81,500.43

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
01 - General Requirements					
1	01 22 20 00 0029		HR	Sheet Metal WorkerFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$203.02
				Installation	
				Quantity	Unit Price
				3.00 x	59.62 x
					Factor =
					Total
					203.02
				Tail pipe modifications	
2	01 22 20 00 0059		HR	Project Manager	\$527.82
				Installation	
				Quantity	Unit Price
				4.00 x	116.25 x
					Factor =
					Total
					527.82
				On site start up & project management	
3	01 22 23 00 0006		WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	\$5,958.25
				Installation	
				Quantity	Unit Price
				6.00 x	874.85 x
					Factor =
					Total
					5,958.25
				Manlift 2 ea 3 weeks	
4	01 71 13 00 0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	\$1,480.97
				Installation	
				Quantity	Unit Price
				2.00 x	652.35 x
					Factor =
					Total
					1,480.96
				Mobilize for man lift	

Subtotal for 01 - General Requirements **\$8,170.06**

02 - Site Work

5	02 41 19 13 0277		EA	Core Drill Minimum ChargeFor projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth".	\$508.52
				Installation	
				Quantity	Unit Price
				1.00 x	448.00 x
					Factor =
					Total
					508.52
				Core wall for exhaust duct	

Subtotal for 02 - Site Work **\$508.52**

05 - Metals

Contractor's Price Proposal - Detail Continues..

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
05 - Metals					
6	05 05 23 00 1243		LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	\$1,512.23
				Installation	
				Quantity	Unit Price
				168.00 x	7.93 x
				Factor	Total
				1.1351 =	1,512.23
				Blower hangar assembly 24 ea	
				Rail bracket side support 144 lf	
7	05 14 13 00 0006		LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	\$6,380.94
				Installation	
				Quantity	Unit Price
				626.00 x	8.98 x
				Factor	Total
				1.1351 =	6,380.94
				Aluminum Rail assembly	
8	05 14 13 00 0012		LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	\$1,902.88
				Installation	
				Quantity	Unit Price
				120.00 x	13.97 x
				Factor	Total
				1.1351 =	1,902.88
				Aluminum Rail assembly	
9	05 14 13 00 0017		LF	6" Diameter Aluminum Column	\$4,242.97
				Installation	
				Quantity	Unit Price
				123.00 x	30.39 x
				Factor	Total
				1.1351 =	4,242.97
				Rail open tube area	
10	05 43 00 00 0013		LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	\$3,600.99
				Installation	
				Quantity	Unit Price
				110.00 x	28.84 x
				Factor	Total
				1.1351 =	3,600.99
				Blower hangar assembly 20 lf	
				Mounting of rail and exhaust pipe 110 lf	
11	05 43 00 00 0038		EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	\$44.31
				Installation	
				Quantity	Unit Price
				4.00 x	9.76 x
				Factor	Total
				1.1351 =	44.31
				Blower hangar assembly 4 ea	
12	05 43 00 00 0042		EA	Unistrut Beam Clamp, 1-5/8" Channel P2676	\$432.34
				Installation	
				Quantity	Unit Price
				24.00 x	15.87 x
				Factor	Total
				1.1351 =	432.34
				unistrut rail mounting assembly	
13	05 43 00 00 0046		EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	\$521.87
				Installation	
				Quantity	Unit Price
				28.00 x	16.42 x
				Factor	Total
				1.1351 =	521.87
				Blower hangar assembly 4 ea	
				Rail bracket side support 24 ea	

Subtotal for 05 - Metals **\$18,638.53**

07 - Thermal & Moisture Protection

Contractor's Price Proposal - Detail Continues..

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
07 - Thermal & Moisture Protection					
14	07 84 13	19 0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant	\$110.97
				Installation	
				Quantity	Unit Price
				8.00 x	12.22 x
					Factor =
					Total
					110.97
				Seal conduit penetrations	
15	07 84 13	19 0045	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant	\$293.67
				Installation	
				Quantity	Unit Price
				2.00 x	129.36 x
					Factor =
					Total
					293.67
				Seal exhaust wall penetration's	
Subtotal for 07 - Thermal & Moisture Protection					\$404.64
23 - Heating, Ventilating, And Air-Conditioning (HVAC)					
16	23 05 48	13 0010	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	\$239.60
				Installation	
				Quantity	Unit Price
				4.00 x	52.77 x
					Factor =
					Total
					239.60
				Blower hangar assembly 4 ea	
17	23 09 23	16 0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	\$2,802.22
				Installation	
				Quantity	Unit Price
				2.00 x	1,234.35 x
					Factor =
					Total
					2,802.22
				Carbon monoxide & Nitrogen Dioxide Sensor	
18	23 09 23	23 0010	EA	Magnahelic Gauge	\$434.86
				Installation	
				Quantity	Unit Price
				1.00 x	383.10 x
					Factor =
					Total
					434.86
				Dirty air sensor	
19	23 09 23	27 0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	\$167.63
				Installation	
				Quantity	Unit Price
				1.00 x	147.68 x
					Factor =
					Total
					167.63
				Exhaust temp sensor	
20	23 09 23	53 0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	\$2,722.00
				Installation	
				Quantity	Unit Price
				1.00 x	2,398.03 x
					Factor =
					Total
					2,722.00
				Blower Motor controller	
21	23 31 13	23 0003	LB	Galvanized Steel Welded Duct	\$7,275.74
				Installation	
				Quantity	Unit Price
				554.00 x	11.57 x
					Factor =
					Total
					7,275.74
				Exhaust	
				6" round 36 sf x 2.156 = 77 lb	
				8 " round 50 sf x 2.156 = 108 lb	
				10" round 24 sf x 2.156 = 54 lb	
				12" round 146 sf x 2.156 = 315 lb	

Contractor's Price Proposal - Detail Continues..

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Labor	Equip.	Material	(Excluded if marked with an X)		
23 - Heating, Ventilating, And Air-Conditioning (HVAC)					
22	23 31 13 23 0003	0684	MOD	For Elevated Installation >15' To 20', Add	\$1,201.09
				Installation	
				Quantity	Total
				554.00 x	1,201.09
				Unit Price	
				1.91 x	
				Factor	
				1.1351 =	
23	23 35 16 16 0028		EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	\$2,917.70
				Installation	
				Quantity	Total
				3.00 x	2,917.70
				Unit Price	
				856.81 x	
				Factor	
				1.1351 =	
				Blower and hose equipment	
24	23 35 16 16 0045		EA	5" Tail Pipe Adapter	\$119.80
				Installation	
				Quantity	Total
				3.00 x	119.80
				Unit Price	
				35.18 x	
				Factor	
				1.1351 =	
				Blower and hose equipment	
25	23 35 16 16 0048		EA	5" Bullnose (Guide)	\$68.38
				Installation	
				Quantity	Total
				3.00 x	68.38
				Unit Price	
				20.08 x	
				Factor	
				1.1351 =	
				Blower and hose equipment	
26	23 51 13 16 0009		EA	12" Round Flue Shutter Draft Control Damper	\$611.21
				Installation	
				Quantity	Total
				1.00 x	611.21
				Unit Price	
				538.46 x	
				Factor	
				1.1351 =	
				Backdraft stack at exterior	
27	23 51 16 00 0104		EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	\$148.54
				Installation	
				Quantity	Total
				2.00 x	148.54
				Unit Price	
				65.43 x	
				Factor	
				1.1351 =	
				Exhaust wall penetration	
28	23 73 13 00 0013		EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	\$9,730.50
				Installation	
				Quantity	Total
				1.00 x	9,730.50
				Unit Price	
				8,572.37 x	
				Factor	
				1.1351 =	
				Blower and hose equipment	
29	23 73 13 00 0013	0069	MOD	For Combination Filter Mixing Box And Throwaway Filters, Add	\$2,673.02
				Installation	
				Quantity	Total
				1.00 x	2,673.02
				Unit Price	
				2,354.88 x	
				Factor	
				1.1351 =	
Subtotal for 23 - Heating, Ventilating, And Air-Conditioning (HVAC)					\$31,112.29

26 - Electrical					
30	26 05 19 16 0278		MLF	#14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit	\$2,836.66
				Installation	
				Quantity	Total
				8.00 x	2,836.66
				Unit Price	
				312.38 x	
				Factor	
				1.1351 =	
				Low voltage conductors	

Contractor's Price Proposal - Detail Continues..

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
26 - Electrical					
31	26 05 29 00 0219		EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	\$492.22
				Installation	Quantity Unit Price Factor = Total
					148.00 x 2.93 x 1.1351 = 492.22
				Low voltage equip	
32	26 05 29 00 0219 0112		MOD	For >100 To 250, Deduct	-\$42.00
				Installation	Quantity Unit Price Factor = Total
					148.00 x -0.25 x 1.1351 = -42.00
33	26 05 33 13 0601		LF	3/4" Electrical Metallic Tubing (EMT) Conduit	\$2,352.38
				Installation	Quantity Unit Price Factor = Total
					660.00 x 3.14 x 1.1351 = 2,352.38
				Low voltage equip	
34	26 05 33 13 0601 0026		MOD	For >500 To 1,000, Deduct	-\$134.85
				Installation	Quantity Unit Price Factor = Total
					660.00 x -0.18 x 1.1351 = -134.85
35	26 05 33 13 0645		EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	\$411.93
				Installation	Quantity Unit Price Factor = Total
					95.00 x 3.82 x 1.1351 = 411.93
				Low voltage equip	
36	26 05 33 13 0689		EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	\$136.55
				Installation	Quantity Unit Price Factor = Total
					30.00 x 4.01 x 1.1351 = 136.55
				Low voltage equip	
37	26 05 33 13 2284		LF	3/4" Flexible Liquid Tight Metallic Conduit	\$198.64
				Installation	Quantity Unit Price Factor = Total
					50.00 x 3.50 x 1.1351 = 198.64
				Low voltage equip	
38	26 05 33 13 2306		EA	3/4" 90 Degree Angle Liquid Tight Connector	\$125.45
				Installation	Quantity Unit Price Factor = Total
					9.00 x 12.28 x 1.1351 = 125.45
				Low voltage equip	
39	26 05 33 16 0038		EA	3-1/4" Depth, 4-11/16" Square Steel Box	\$582.99
				Installation	Quantity Unit Price Factor = Total
					15.00 x 34.24 x 1.1351 = 582.99
				Low voltage equip	
40	26 05 33 16 0063		EA	Flat, 4-11/16" Square Steel Exposed Work Cover	\$117.65
				Installation	Quantity Unit Price Factor = Total
					15.00 x 6.91 x 1.1351 = 117.65
				Low voltage equip	

Contractor's Price Proposal - Detail Continues..

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		

26 - Electrical

41	26 28 13 00 0024		EA	30 Amp, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	\$206.59
				Installation	
				Quantity	
				10.00	x
				Unit Price	
				18.20	x
				Factor	
				1.1351	=
				Total	206.59
				Low voltage equip	
42	26 28 16 13 0057		EA	2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity	\$519.07
				Installation	
				Quantity	
				3.00	x
				Unit Price	
				152.43	x
				Factor	
				1.1351	=
				Total	519.07
				Low voltage equip	
43	26 28 16 13 0057 0199		MOD	For Bolt-On, Add	\$83.84
				Installation	
				Quantity	
				3.00	x
				Unit Price	
				24.62	x
				Factor	
				1.1351	=
				Total	83.84
44	26 28 16 16 0023		EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	\$1,213.85
				Installation	
				Quantity	
				3.00	x
				Unit Price	
				356.46	x
				Factor	
				1.1351	=
				Total	1,213.85
				Low voltage equip	
45	26 29 13 13 0119		EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4)	\$986.91
				Installation	
				Quantity	
				1.00	x
				Unit Price	
				869.45	x
				Factor	
				1.1351	=
				Total	986.91
				Blower starter	

Subtotal for 26 - Electrical **\$10,087.88**

27 - Communications

46	27 13 13 13 0012		EA	Test 4-Pair Cat 5-7 Telecommunications Cable For Continuity	\$120.55
				Installation	
				Quantity	
				10.00	x
				Unit Price	
				10.62	x
				Factor	
				1.1351	=
				Total	120.55
				Communication cabling assembly	
47	27 15 13 00 0489		MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	\$1,396.85
				Installation	
				Quantity	
				0.70	x
				Unit Price	
				1,758.00	x
				Factor	
				1.1351	=
				Total	1,396.85
				Communication cabling assembly	
48	27 15 43 00 0056		EA	Cat 6 Shielded, Snap-In Modular Jack	\$294.56
				Installation	
				Quantity	
				10.00	x
				Unit Price	
				25.95	x
				Factor	
				1.1351	=
				Total	294.56
				Communication cabling assembly	

Contractor's Price Proposal - Detail Continues..

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
27 - Communications					
49	27 52 23 00 0019		EA	Wireless Smoke Detector Transmitter; SD35	\$2,281.01
				Installation	
				Quantity	Unit Price
				3.00 x	669.84 x
				Factor	Total
				1.1351 =	2,281.01
				Remote auto start transmitter	
Subtotal for 27 - Communications					\$4,092.97
28 - Electronic Safety And Security					
50	28 16 11 00 0005		EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access ControlsControls mount into a single gang electrical box. Excludes electrical box.	\$98.21
				Installation	
				Quantity	Unit Price
				1.00 x	86.52 x
				Factor	Total
				1.1351 =	98.21
				push button for service	
51	28 46 21 17 0407		EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	\$6,645.78
				Installation	
				Quantity	Unit Price
				1.00 x	5,854.80 x
				Factor	Total
				1.1351 =	6,645.78
				Safe air control panel	
52	28 46 21 17 0411		EA	Alarm Relay, 3 Form C Relays, 2 Amp @ 32 VDC, For SPS Or RPS (Simplex 4100-6033)Add-on module.	\$579.40
				Installation	
				Quantity	Unit Price
				2.00 x	255.22 x
				Factor	Total
				1.1351 =	579.40
				Relays at control panel	
53	28 46 21 17 0463		EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	\$187.73
				Installation	
				Quantity	Unit Price
				1.00 x	165.39 x
				Factor	Total
				1.1351 =	187.73
				Smoke detector at control panel	
54	28 46 21 17 0464		EA	Sensor Base With Relay Driver (Simplex 4098-9791)	\$396.43
				Installation	
				Quantity	Unit Price
				1.00 x	349.25 x
				Factor	Total
				1.1351 =	396.43
				Smoke detector at control panel	
55	28 46 21 17 0485		EA	Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427)	\$129.96
				Installation	
				Quantity	Unit Price
				1.00 x	114.49 x
				Factor	Total
				1.1351 =	129.96
				Audible gas alarm	
56	28 46 21 17 0488		EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	\$120.56
				Installation	
				Quantity	Unit Price
				1.00 x	106.21 x
				Factor	Total
				1.1351 =	120.56
				Visual gas alarm	

Contractor's Price Proposal - Detail Continues..

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Labor	Equip.	Material	(Excluded if marked with an X)		
28 - Electronic Safety And Security					
57	28 46 21 17 1779		EA	Fire Slave Communicator Dialer (Silent Knight SK-5128)	\$327.47
				Installation	
				Quantity	Unit Price
				1.00 x	288.49 x
				Email/text dialer	Factor = Total
					1.1351 = 327.46

Subtotal for 28 - Electronic Safety And Security **\$8,485.54**

Proposal Total **\$81,500.43**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: %

Client - Dekalb County

Detailed Scope of Work

Print Date: April 30, 2021
Work Order Number: 091670.00
Work Order Title: DeKalb - Fires Station 7 Apparatus Exhaust
Contractor: GA-ST07-040820-JLC - Johnson-Laux Construction, LLC
Brief Scope:

To: Steve Adams Johnson-Laux Construction, LLC 8100 Chancellor Drive, Suite 165 Orlando, FL 32809 (912) 398-9976	From: Jason Smith DeKalb County 1300 Commerce Drive Decatur, GA 30030 678-406-7741
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The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

Detailed Scope:

Please see attached DSOW (Detailed Scope of Work).

Owner

Date

Contractor

Date

Johnson-Laux Construction
Scope of Work
Dekalb Fire Station No, 7
1712 Columbia Drive Decatur, GA. 30032

Summary Scope

The Project consists of specific activities associated with installation of a vehicle exhaust system.

Plans

Safe Air Corporation, Sheet ME-1

Detailed Scope of Work

The Contractor shall provide all materials, labor, and equipment and perform all work as described below and per any attached specifications and drawings along with the items below:

Exhaust System

Qty. 3- SafeAir/ PlymoVent Model MRP-65 Exhaust Hose Rail Systems

- 65' Extruded Aluminum Rail Profile for 3 trucks total
- Front hydraulic shock bumper system
- Top Rail suspension mounting with Hardware for hanging to ceiling.
- 5" Dia. X 1200-degree High Temp Upper Hose for new style regen fire trucks
- Rail trolley for 5" High Temp System with ceramic bearings
- Magnetic Grabber patented tailpipe nozzle for 5" x 5" hose System
- Safety Breakaway handle (Patented) for 5" hose system for Hose Safety
- MG conical truck/ Snag Free tailpipe adapter for trucks- Meets NPFA 1901 Standard

Qty. 1- SafeAir/ Plymovent Source Capture Blower Model –TEV-559-536

- Blower Automatic Start/Stop Motor Starter Package –WD-OLD- 208-230 VAC -24 VAC Control
- Blower motor 5 HP TEFC – 208-230-460 VAC -3 Phase – TEFC Motor Type
- Epoxy powder coated blower housing with mounting hardware.
- Class –B - AMCA spark proof rating

Qty. 1- Safe Air WD-4E-UL Electrical Control Box with auto start by vehicle.

- NEMA 12 Enclosure with Safety Disconnect Switch
- Auto Start Transmitters VTK-2 for **(3)** Vehicles
- Carbon Monoxide Sensor - Real time with email reporting
- Nitrogen Dioxide Sensor - Real time with email reporting
- Motor Starter Controller for EF - 1
- Temperature Thermostat for EF -1 Exhaust Fan
- Dirty Filter Alarm- Red LED Lifetime - Real time with email reporting
- 95DbA Alarm Horn for Audible Gas Alarm
- Strobe Light Tower for Visual Gas Alarm- Yellow/Red
- Email/ Text Dialer for 6 lifestyle and safety alarms (See Specs)
- Smoke Detector Alarm – Stand with Real time with email reporting.
- Firefighter Push to Call for service with email reporting.

Qty. 1- SafeAir Clamping Ductwork System for Source Capture System

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- 16 Ga Galv. Ductwork with clamps – No Leak Laser Welded Seams
- 16 Ga Galv. Ductwork 30 Degree Branch s – Reducers - Elbows
- Ductwork Hangers – Dampers – Wall Flashings – Hardware
- Back-Draft Stack Head for outdoor location

Qty. 1- Mechanical Installation Hardware Kit

- Strut – Clamps – Hangers – Bolts – Nuts – Rod – Screws -Plated and Stainless Steel

Qty. 1 - Mechanical Installation Labor of System – By SafeAir

- Metal supports for mounting of Rails and Tracks.
- Labor that is trained and proficient at the products being installed.

Qty. 1- Electrical Installation of System -120-1 PH - 208 v3PH – By Others

- Electrical Conduit – Electrical Metal Tubing (EMT with Water-Tight Fittings)
- Electrical Sub Panel (IF) required for final connections.
- High Voltage THHN Multi Strand Conductor Wire Sized for Load as per NFPA Code
- Electrical Panel Breakers – As pre the original panel Mfg. (AB-SD-Eton-Other)
- 24 Low Voltage Wiring in conduit for controls
- Labor for Electrical Wire and Install

Qty. 1 – Inbound Freight – FOB – Tucker GA

Qty. 3 – Truck Tailpipe Modifications

Qty. 1 – Onsite Project Management and Start-Up

Qty. 1 – 5 Year Parts (Plymovent) and labor (SafeAir) System Warranty

Exclusions

- Contractor to note.

Details that Apply to All Work Areas

All work shall be performed and completed to the highest standards and comply with all state and local building codes.

- Contractor to maintain clean work areas at all times, remove and dispose of all demolished materials and construction debris. Site must be cleaned every day at the completion of work.
- All measurements and quantities supplied in this scope of work are approximate in nature and are supplied as a convenience for the Contractor. Contractor shall verify all new and existing conditions and dimensions at the job site.
- Parking will be made available for the Subcontractor by the Owner and the Contractor shall coordinate all parking with the Owner prior to the beginning of work.
- Owner reserves the right to retain all salvageable material.
- Contractor shall coordinate inspections with the Owner as required.

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- Contractor is responsible for protection of all surfaces including those not in the scope of work from damage during construction up until final acceptance.
- Upon completion of work, all construction areas shall be left clean and free from debris. Clean all dust, dirt, stain, hand marks, paint spots, droppings and other blemishes.

Warranty

- Provide all labor, material and equipment warranties to the owner prior to project closeout.

Submittals

- Contractor shall submit a proposed list of subcontractors and a schedule showing a proposed duration of construction with the price proposal package.
- The Contractor shall submit for approval the manufacturer's cut sheets for materials utilized for the project prior to commencing any work.

Permitting

- Contractor will be responsible for obtaining such applicable permits and the Owner will be responsible for compensating the Contractor for permit fees and any design necessary to obtain such permits or related approvals as described in the EZIQC master contract documents (i.e. permit fees are dollar for dollar reimbursable and professional design and engineering fees are paid for at hourly rates published in the Construction Task Catalog).

Owner Responsibilities

- Provide access to the worksite during normal business hours.
- Provide a staging area for project related materials.
- Owner shall be responsible for re-routing pedestrian traffic as necessary.