

**City of Middleburg Heights, Ohio**

**Ordinance No. 2024- 28**

**Introduced by: Mr. Bortolotto, Mr. Meany, and Mr. Ference**

**AN ORDINANCE  
AUTHORIZING THE MAYOR AND FINANCE DIRECTOR  
TO ENTER INTO A CONTRACT WITH  
GORDIAN AND G&B ELECTRIC COMPANY**

WHEREAS, the City desires to retain the services of a competent and qualified contractor to provide construction services to the City for the Fire Station Generator project; and

WHEREAS, Gordian/G&B Electric Co. offers government pricing through the Equalis Group and is competent and qualified to furnish services to the City and has provided a responsive and responsible proposal, and desires to provide construction services for the Fire Station Generator project.

**BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MIDDLEBURG HEIGHTS, CUYAHOGA COUNTY, STATE OF OHIO:**

Section 1. That the Mayor and Finance Director is hereby authorized to enter into a contract with Gordian and G&B Electric Company to provide construction services for the Fire Station Generator project to the City, a copy of which is attached hereto and marked "Exhibit A".

Section 2. That it is hereby found and determined that all formal actions of this council concerning and relating to the passage of this ordinance were adopted in an open meeting of this council, and that all deliberations of this council and any of its committees that resulted in such formal actions were in meetings open to the public, in compliance with all legal requirements including chapter 107 of the Codified Ordinances and section 121.22 of Ohio Revised Code.

PASSED 4/23/24

Dave Bortolotto  
PRESIDENT OF COUNCIL

ATTEST:  
M. Meola  
CLERK OF COUNCIL

PRESENTED TO MAYOR 4/24/24

APPROVED ON: 4-24-24

	YEAS	NAYS
BORTOLOTTA	<u>X</u>	_____
ALI	<u>X</u>	_____
SAGE	<u>X</u>	_____
MEANY	<u>X</u>	_____
MCGREGOR	<u>X</u>	_____
FERENCE	<u>X</u>	_____
ZAKEL	<u>ABSENT</u>	

Matthew Cash  
MAYOR

I, Mary Ann Meola Clerk of the Council of the City of Middleburg Hts., Ohio, hereby certify that Ord. 2024-28 adopted by the Council of the City of Middleburg Hts., on 4/23/24 was posted for a period of fifteen days, beginning 4/25/24 and remained so posted for fifteen days at the two posting places as designated by Charter.

Mary Ann Meola  
Clerk

**CERTIFICATE**

I, Mary Ann Meola, Clerk of Council of the City of Middleburg Heights, Ohio, do hereby certify that the foregoing is a true and accurate copy of Ord. 2024-28 passed on the 23<sup>rd</sup> day of April 2024 by said Council.

Mary Ann Meola  
Clerk of Council



**Work Order Signature Document**

**EZIQC Contract No.: COG-2146-EC2-C**

**New Work Order**

**Modify an Existing Work Order**

Work Order Number: 123869.00

Work Order Date: 12/28/2023

Work Order Title: City of Middleburg Heights Fire Department Generator

Owner Name: City of Middleburg Heights - 7671

Contractor Name: G & B Electric Co.

Contact: Marty Kramer

Contact: Sean Arthur

Phone: 440-234-2216

Phone: 4408380880

**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 COG-2146-EC2-C.

Brief Work Order Description:

Generator installation

**Time of Performance**

**Liquidated Damages**

Will apply:

Will not apply:

**Work Order Firm Fixed Price: 186,500.00**

Owner Purchase Order Number:

**Approvals**

\_\_\_\_\_  
Owner Date

\_\_\_\_\_  
Contractor Date

## Detailed Scope of Work

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**To:** Sean Arthur  
G & B Electric Co.  
10343 Brecksville Rd  
Brecksville, OH 44141  
4408380880

**From:** Marty Kramer  
City of Middleburg Heights  
15700 Bagley Road  
Middleburg Heights, OH 44130  
440-234-2216

**Date Printed:** December 28, 2023  
**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator  
**Brief Scope:** Generator installation

Preliminary

Revised

Final

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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.

Our Option #1 pricing includes:

- 1) Providing electrical drawings, architectural drawings, and architectural renderings.
- 2) Providing 100KW Cummins natural gas generator and standard weather protective enclosure. (Description provided at end of proposal.)
- 3) Providing remote e-stop and remote annunciator. To be located near electric room.
- 4) Locating and excavating existing generator conduits to turn up into new quazite boxes located near the new generator location. (Assumed existing conduits are not encased in concrete.)
- 5) Excavation and installation of 15' x 10' x 8" thick with 12" x 42" footers for generator enclosure. Includes excavation, spoil removal, premium fill base, concrete, rebar, broom finish, control joints, and landscaping restoration with seed & straw.
- 6) Providing 12' x 20' x 9'-10" enclosing walls. Face brick to match as close as possible to adjacent fire department with 4" block back-up and 2" limestone cap on top.
- 7) Providing 4' x 7' hollow metal door and frame including masonry anchors (grouted solid,) hinges and storeroom lockset.
- 8) Providing crane for setting of new generator.
- 9) Providing feeder/branch circuit conduit and wire from new quazite location to new generator location.
- 10) Providing control conduit and wire from new quazite location to new generator location.
- 11) Providing new gas line from existing meter to new generator location, approximately 160'.
  - Tie in at meter.
  - Run 2" black pipe along wall, approximately 80'.
  - Drop down below grade, under sidewalk, and stub up at new generator location with 2" plastic Drisco pipe.
  - Final connection at generator.
- 12) Providing temporary camlocks from existing generator to ATS for (1) week duration during relocation and start-up of generator.

## Detailed Scope of Work Continues..

**Work Order Number:** 123869.00

**Work Order Title:** City of Middleburg Heights Fire Department Generator

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- 13) Providing new ground rods at generator for bonding.
- 14) \$1,000.00 Allowance for permit and plan review.
- 15) Working during normal hours. (1st shift Monday through Friday, excluding holidays.)

Our Option #1 does not include:

- 16) Anything not listed above.
  - 17) Sales tax.
  - 18) Rock excavation.
  - 19) Draining, demolition, or relocation of existing generators or related equipment.
  - 20) Reworking existing exhaust and air intake louver/sheet metal. (Not required.)
  - 21) Demolition or removal of fire station generator. (TBD)
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Our Option #2 pricing includes:

- 1) Providing electrical drawings.
- 2) Providing 100KW Cummins natural gas generator and standard weather protective enclosure. (Description provided at end of proposal.)
- 3) Providing remote e-stop and remote annunciator. To be located near electric room.
- 4) Locating and excavating existing generator conduits to turn up into new quazite boxes located near the new generator location. (Assumed existing conduits are not encased in concrete.)
- 5) Providing concrete generator pad and (6) bollards.
- 6) Providing crane for setting of new generator.
- 7) Providing feeder/branch circuit conduit and wire from new quazite location to new generator location.
- 8) Providing control conduit and wire from new quazite location to new generator location.
- 9) Providing new gas line from existing meter to new generator location, approximately 160'.
  - Tie in at meter.
  - Run 2" black pipe along wall, approximately 80'.
  - Drop down below grade, under sidewalk, and stub up at new generator location with 2" plastic Drisco pipe.
  - Final connection at generator.
- 10) Providing temporary camlocks from existing generator to ATS for (1) week duration during relocation and start-up of generator.
- 11) Providing new ground rods at generator for bonding.
- 12) \$1,000.00 Allowance for permit and plan review.
- 13) Working during normal hours. (1st shift Monday through Friday, excluding holidays.)

Our Option #2 does not include:

- 14) Anything not listed above.

**Detailed Scope of Work Continues..**

**Work Order Number:** 123869.00

**Work Order Title:** City of Middleburg Heights Fire Department Generator

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- 15) Sales tax.
- 16) Architectural drawings or renderings.
- 17) Excavation and installation of 15' x 10' x 8" thick with 12" x 42" footers for generator enclosure. Includes excavation, spoil removal, premium fill base, concrete, rebar, broom finish, control joints, and landscaping restoration with seed & straw.
- 18) Providing 15 x 10' x 9'-10" enclosing walls. Face brick to match as close as possible to adjacent fire department with 4" block back-up and 2" limestone cap on top.
- 19) Providing 4' x 7' hollow metal door and frame including masonry anchors (grouted solid,) hinges and storeroom lockset.
- 20) Rock excavation.
- 21) Draining, demolition, or relocation of existing generators or related equipment.
- 22) Reworking existing exhaust and air intake louver/sheet metal. (Not required.)
- 23) Demolition or removal of fire station generator. (TBD)

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Contractor

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Date

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Owner

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Date

## Contractor's Price Proposal - Summary

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**Date:** December 28, 2023

**Re:** IQC Master Contract #: COG-2146-EC2-C  
Work Order #: 123869.00  
Owner PO #:  
Title: City of Middleburg Heights Fire Department Generator  
Contractor: G & B Electric Co.  
Proposal Value: \$186,500.64

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<b>.01 PERMITS</b>	<b>\$1,100.00</b>
<b>.02 ENGINEERING</b>	<b>\$7,102.20</b>
<b>CIVIL</b>	<b>\$22,725.19</b>
<b>ELECTRIC</b>	<b>\$99,747.34</b>
<b>GAS</b>	<b>\$11,990.10</b>
<b>MASONRY</b>	<b>\$43,835.81</b>
<b>Proposal Total</b>	<b>\$186,500.64</b>

# Contractor's Price Proposal - Detail

Date: December 28, 2023

Re: IQC Master Contract #: COG-2146-EC2-C  
 Work Order #: 123869.00  
 Owner PO #:  
 Title: City of Middleburg Heights Fire Department Generator  
 Contractor: G & B Electric Co.  
 Proposal Value: \$186,500.64

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

## .01 PERMITS

1	01 22 16 00 0002		EA	Reimbursable Fees Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	\$1,100.00
			Installation	Quantity 1,000.00 x Unit Price 1.00 x Factor 1.1000 = Total 1,100.00	

**Subtotal for .01 PERMITS \$1,100.00**

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

## .02 ENGINEERING

2	01 22 20 00 0057		HR	Principal Engineer	\$7,102.20
			Installation	Quantity 24.00 x Unit Price 222.50 x Factor 1.3300 = Total 7,102.20 drawings for permits 3 days = 24 HR	

**Subtotal for .02 ENGINEERING \$7,102.20**

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

## CIVIL

3	01 71 13 00 0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	\$888.23
			Installation	Quantity 2.00 x Unit Price 333.92 x Factor 1.3300 = Total 888.23 skid steer, back hoe	
4	01 74 19 00 0018		MO	Rampless Concrete Washout Bin Includes delivery.	\$629.52
			Installation	Quantity 1.00 x Unit Price 473.32 x Factor 1.3300 = Total 629.52 concrete wash out bin.	
5	01 74 19 00 0036		CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	\$596.07
			Installation	Quantity 21.98 x Unit Price 20.39 x Factor 1.3300 = Total 596.07 removal 4' x 6' x up 10' = 240 CF / 27 = 8.88 CY 50' x 1' x 4' = 200 CY / 27 = 7.4 CY = 16.28 CY x 1.35 swell = 21.98 CY landfill fee	



**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>CIVIL</b>					
6	01 74 19 00 0038		CYM	Hauling On Paved Roads, First 15 Miles	\$342.03
			Installation	Quantity 329.70 x Unit Price 0.78 x Factor 1.3300 = Total 342.03	
				21.98 CY x 15 miles = 329.7 CYM	
7	03 21 11 00 0009		LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	\$632.55
			Installation	Quantity 232.00 x Unit Price 2.05 x Factor 1.3300 = Total 632.55	
				17' + 17' + 12' + 12' = 58' x 4 bar = 232' of bar in the footer	
8	03 31 13 00 0018		CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	\$689.73
			Installation	Quantity 2.83 x Unit Price 183.25 x Factor 1.3300 = Total 689.73	
				42" x 18" x 58' = 2.83 CY Footer	
9	03 31 13 00 0018 0031			For 4,000 PSI Concrete, Add	\$48.14
			Installation	Quantity 2.83 x Unit Price 12.79 x Factor 1.3300 = Total 48.14	
10	03 31 13 00 0018 0038			For High Early Strength, Type 3 ASTM C150, Add	\$55.97
			Installation	Quantity 2.83 x Unit Price 14.87 x Factor 1.3300 = Total 55.97	
11	03 31 13 00 0018 0040			For Up To 20, Add	\$52.02
			Installation	Quantity 2.83 x Unit Price 13.82 x Factor 1.3300 = Total 52.02	
12	03 31 13 00 0087		CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	\$258.90
			Installation	Quantity 6.17 x Unit Price 31.55 x Factor 1.3300 = Total 258.90	
				9 - 2.83 CY = 6.17 CY small load fee	
13	03 31 13 00 0093		SF	8" Equipment Pad With Rebar	\$7,586.11
			Installation	Quantity 204.00 x Unit Price 27.96 x Factor 1.3300 = Total 7,586.11	
				17' x 12' = 204SF @ 8" Generator slab	
14	31 05 16 00 0008		CY	#57 Stone Aggregate Fill (3/8" To 1")	\$1,480.38
			Installation	Quantity 21.98 x Unit Price 50.64 x Factor 1.3300 = Total 1,480.38	
				fill in around footer and conduit. 4' x 6' x up 10' = 240 CF / 27 = 8.88 CY 50' x 1' x 4' = 200 CY / 27 = 7.4 CY = 16.28 CY x 1.35 Compaction rate = 21.98 CY	
15	31 23 16 13 0005		CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock Includes compacted aggregate	\$168.54
			Installation	Quantity 12.22 x Unit Price 10.37 x Factor 1.3300 = Total 168.54	
				dig by machine 3' x 6' x up 10' = 180 CF / 27 = 6.67 CY 50' x 3' x 1' = 150 CF / 27 = 5.55 CY = 12.22 CY	
16	31 23 16 13 0005 0060			For Up To 20, Add	\$134.90
			Installation	Quantity 12.22 x Unit Price 8.30 x Factor 1.3300 = Total 134.90	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>CIVIL</b>					
17	31 23 16 13 0008		CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate Includes stockpiling excess materials and trimming sides and bottom of trench.	\$829.23
				Installation	
				Quantity	Unit Price
				4.07 x	153.19 x
				Factor	Total
				1.3300 =	829.23
				dig by hand 1' x 6' x up 10' = 60 CF / 27 = 2.22 CY 50' x 1' x 1' = 50 CF / 27 = 1.85 CY = 4.07 CY	
18	31 23 16 13 0010		CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	\$85.07
				Installation	
				Quantity	Unit Price
				21.98 x	2.91 x
				Factor	Total
				1.3300 =	85.07
				fill in around footer and conduit. 4' x 6' x up 10' = 240 CF / 27 = 8.88 CY 50' x 1' x 4' = 200 CY / 27 = 7.4 CY = 16.28 CY x 1.35 Compaction rate = 21.98 CY	
19	31 23 16 13 0010 0066			For >20 To 50, Add	\$42.68
				Installation	
				Quantity	Unit Price
				21.98 x	1.46 x
				Factor	Total
				1.3300 =	42.68
20	31 23 16 36 0028		CY	Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	\$143.83
				Installation	
				Quantity	Unit Price
				21.98 x	4.92 x
				Factor	Total
				1.3300 =	143.83
				removal 4' x 6' x up 10' = 240 CF / 27 = 8.88 CY 50' x 1' x 4' = 200 CY / 27 = 7.4 CY = 16.28 CY x 1.35 swell = 21.98 CY	
21	31 23 16 36 0028 0027			For >20 To 50, Add	\$107.87
				Installation	
				Quantity	Unit Price
				21.98 x	3.69 x
				Factor	Total
				1.3300 =	107.87
22	32 11 23 16 0008		SF	8" Crushed Aggregate Base Course For Sidewalks	\$529.07
				Installation	
				Quantity	Unit Price
				204.00 x	1.95 x
				Factor	Total
				1.3300 =	529.07
				gravel base under slab 17' x 12' = 204SF @ 8" Generator slab	
23	32 31 13 13 0011		VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	\$445.04
				Installation	
				Quantity	Unit Price
				18.00 x	18.59 x
				Factor	Total
				1.3300 =	445.04
				3' x 6 = 18' dig	
24	32 31 13 13 0036		VLF	4" Diameter, Grout Fill For Post Hole	\$465.87
				Installation	
				Quantity	Unit Price
				42.00 x	8.34 x
				Factor	Total
				1.3300 =	465.87
				7' x 6 = 42' of fill	
25	32 31 13 13 0041		VLF	18" Diameter, Grout Fill For Post Hole	\$726.34
				Installation	
				Quantity	Unit Price
				18.00 x	30.34 x
				Factor	Total
				1.3300 =	726.34
				3' x 6 = 18' fill	
26	32 39 13 00 0004		LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	\$5,787.10
				Installation	
				Quantity	Unit Price
				42.00 x	103.60 x
				Factor	Total
				1.3300 =	5,787.10
				7' x 6 EA = 42' of pipe bollard	
<b>Subtotal for CIVIL</b>					<b>\$22,725.19</b>

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>ELECTRIC</b>					
27	01 22 20 00 0010		HR	ElectricianFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$1,562.80
				Installation	
				Quantity	Unit Price
				16.00	73.44
				x	x
					Factor =
					1.3300
					Total
					1,562.80
				cut and rework existing conduit and misc. existing conditions	
28	01 22 23 00 0784		MO	50', 4/0 Cable With Camlock Ends For Generator Set	\$3,872.11
				Installation	
				Quantity	Unit Price
				32.00	90.98
				x	x
					Factor =
					1.3300
					Total
					3,872.11
				200' = 4 x 4 runs = 16 x 2 months = 32	
29	01 22 23 00 0786		DAY	100 KW A/C Resistive Load Bank	\$459.40
				Installation	
				Quantity	Unit Price
				1.00	345.41
				x	x
					Factor =
					1.3300
					Total
					459.40
				testing new gen.	
30	01 22 23 00 0958		DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	\$1,689.62
				Installation	
				Quantity	Unit Price
				1.00	1,270.39
				x	x
					Factor =
					1.3300
					Total
					1,689.62
				crane to set new generator	
31	01 71 13 00 0005		EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic CraneIncludes delivery and pickup.	\$473.72
				Installation	
				Quantity	Unit Price
				1.00	356.18
				x	x
					Factor =
					1.3300
					Total
					473.72
				Crane mob	
32	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".	\$899.24
				Installation	
				Quantity	Unit Price
				1.00	676.12
				x	x
					Factor =
					1.3300
					Total
					899.24
				for remote e-stop	
33	05 05 19 00 0013		EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	\$138.11
				Installation	
				Quantity	Unit Price
				8.00	12.98
				x	x
					Factor =
					1.3300
					Total
					138.11
				generator mounting hardware	
34	05 05 23 00 0004		EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	\$105.66
				Installation	
				Quantity	Unit Price
				8.00	9.93
				x	x
					Factor =
					1.3300
					Total
					105.66
				generator mounting hardware	
35	05 05 23 00 0722		EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	\$66.50
				Installation	
				Quantity	Unit Price
				8.00	6.25
				x	x
					Factor =
					1.3300
					Total
					66.50
				generator mounting hardware	
36	05 05 23 00 1423		EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	\$3.83
				Installation	
				Quantity	Unit Price
				8.00	0.36
				x	x
					Factor =
					1.3300
					Total
					3.83
				generator mounting hardware	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total					
Labor	Equip.	Material	(Excluded if marked with an X)							
<b>ELECTRIC</b>										
37	23 09 23 53 0641		HR	Customer Training Cost Per Hour This labor cost includes preparation , travel time, training time, and basic training materials. The required number of training hours shall be 24 unless the construction documents, general contractor or owner request otherwise.	\$3,764.22					
				Quantity	Unit Price	Factor	=	Total		
			Installation	8.00	x	353.78	x	1.3300	=	3,764.22
				Startup and Training of generator						
38	26 01 20 91 0002		EA	Lock Out/Tag Out Local Disconnect Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	\$71.26					
				Quantity	Unit Price	Factor	=	Total		
			Installation	2.00	x	26.79	x	1.3300	=	71.26
				Existing equipment while working						
39	26 01 20 91 0004		EA	Lock Out Padlock Device Includes the installation and removal of pad lock when required	\$39.58					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	7.44	x	1.3300	=	39.58
				Existing equipment while working						
40	26 01 20 91 0005		EA	Lock Out Tags Includes filling out tag information , installation and removal of identifying tags.	\$20.38					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	3.83	x	1.3300	=	20.38
				Existing equipment while working						
41	26 01 20 91 0007		EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	\$82.25					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	15.46	x	1.3300	=	82.25
42	26 01 20 91 0008		EA	Lighting, Existing Circuit Tracing Per Circuit	\$20.56					
				Quantity	Unit Price	Factor	=	Total		
			Installation	1.00	x	15.46	x	1.3300	=	20.56
				Existing switches						
43	26 05 19 16 0123		MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	\$1,156.92					
				Quantity	Unit Price	Factor	=	Total		
			Installation	1.80	x	483.26	x	1.3300	=	1,156.92
				Wiring to new genset						
44	26 05 19 16 0131		MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	\$935.89					
				Quantity	Unit Price	Factor	=	Total		
			Installation	0.15	x	4,691.19	x	1.3300	=	935.89
				Wiring to new genset						
45	26 05 19 16 0139		MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	\$4,588.61					
				Quantity	Unit Price	Factor	=	Total		
			Installation	0.20	x	17,250.41	x	1.3300	=	4,588.61
				Wiring to new genset						
46	26 05 26 00 0100		EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	\$587.81					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	110.49	x	1.3300	=	587.81
				generator grounding						

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>ELECTRIC</b>					
47	26 05 26 00 0185	EA		1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Includes molds, materials and all necessary tools to make connections.	\$574.08
				Installation	
			Quantity	Unit Price	Factor = Total
			4.00	107.91	x 1.3300 = 574.08
				generator grounding	
48	26 05 33 13 0217	EA		2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	\$66.61
				Installation	
			Quantity	Unit Price	Factor = Total
			1.00	50.08	x 1.3300 = 66.61
				Conduits to new genset	
49	26 05 33 13 0221	EA		4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	\$154.15
				Installation	
			Quantity	Unit Price	Factor = Total
			1.00	115.90	x 1.3300 = 154.15
				Conduits to new genset	
50	26 05 33 13 1875	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	\$267.73
				Installation	
			Quantity	Unit Price	Factor = Total
			30.00	6.71	x 1.3300 = 267.73
				Conduits to new genset	
51	26 05 33 13 1879	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	\$546.23
				Installation	
			Quantity	Unit Price	Factor = Total
			30.00	13.69	x 1.3300 = 546.23
				Conduits to new genset	
52	26 05 33 13 1888	EA		2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	\$211.84
				Installation	
			Quantity	Unit Price	Factor = Total
			4.00	39.82	x 1.3300 = 211.84
				Conduits to new genset	
53	26 05 33 13 1892	EA		4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	\$480.61
				Installation	
			Quantity	Unit Price	Factor = Total
			4.00	90.34	x 1.3300 = 480.61
				Conduits to new genset	
54	26 05 33 13 1914	EA		2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	\$24.26
				Installation	
			Quantity	Unit Price	Factor = Total
			1.00	18.24	x 1.3300 = 24.26
				Conduits to new genset	
55	26 05 33 13 1918	EA		4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	\$46.39
				Installation	
			Quantity	Unit Price	Factor = Total
			1.00	34.88	x 1.3300 = 46.39
				Conduits to new genset	
56	26 05 33 13 1927	EA		2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	\$73.71
				Installation	
			Quantity	Unit Price	Factor = Total
			2.00	27.71	x 1.3300 = 73.71
				Conduits to new genset	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total		
Labor	Equip.	Material	(Excluded if marked with an X)				
<b>ELECTRIC</b>							
57	26 05 33 13 1931		EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	\$119.67		
				Quantity	Unit Price	Factor	Total
				Installation	2.00 x 44.99 x	1.3300 =	119.67
				Conduits to new genset			
58	26 05 33 13 2303		EA	2" Base Spacer, Average 4" Wide, Direct Burial	\$176.52		
				Quantity	Unit Price	Factor	Total
				Installation	12.00 x 11.06 x	1.3300 =	176.52
				Conduits to new genset			
59	26 05 33 13 2311		EA	4" Base Spacer, Average 4" Wide, Direct Burial	\$247.38		
				Quantity	Unit Price	Factor	Total
				Installation	12.00 x 15.50 x	1.3300 =	247.38
				Conduits to new genset			
60	26 05 33 13 2332		EA	2" Plastic Conduit Field Bending	\$123.09		
				Quantity	Unit Price	Factor	Total
				Installation	3.00 x 30.85 x	1.3300 =	123.09
				Conduits to new genset			
61	26 05 33 13 2336		EA	4" Plastic Conduit Field Bending	\$246.26		
				Quantity	Unit Price	Factor	Total
				Installation	3.00 x 61.72 x	1.3300 =	246.26
				Conduits to new genset			
62	26 05 33 13 2361		LF	2" Flexible Liquid Tight Metallic Conduit	\$172.50		
				Quantity	Unit Price	Factor	Total
				Installation	10.00 x 12.97 x	1.3300 =	172.50
				Conduits to new genset			
63	26 05 33 13 2361 0065			For Work In Restricted Working Space, Add	\$21.68		
				Quantity	Unit Price	Factor	Total
				Installation	10.00 x 1.63 x	1.3300 =	21.68
64	26 05 33 13 2364		LF	4" Flexible Liquid Tight Metallic Conduit	\$524.15		
				Quantity	Unit Price	Factor	Total
				Installation	10.00 x 39.41 x	1.3300 =	524.15
				Conduits to new genset			
65	26 05 33 13 2364 0065			For Work In Restricted Working Space, Add	\$37.91		
				Quantity	Unit Price	Factor	Total
				Installation	10.00 x 2.85 x	1.3300 =	37.91
66	26 05 33 13 2372		EA	2" Straight Liquid Tight Connector	\$53.93		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 40.55 x	1.3300 =	53.93
				Conduits to new genset			
67	26 05 33 13 2372 0065			For Work In Restricted Working Space, Add	\$3.79		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 2.85 x	1.3300 =	3.79
68	26 05 33 13 2375		EA	4" Straight Liquid Tight Connector	\$321.89		
				Quantity	Unit Price	Factor	Total
				Installation	1.00 x 242.02 x	1.3300 =	321.89
				Conduits to new genset			

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>ELECTRIC</b>					
69	26 05 33 13 2375	0065		For Work In Restricted Working Space, Add	\$7.57
				Installation	
				Quantity 1.00 x Unit Price 5.69 x Factor 1.3300 = Total 7.57	
70	26 05 33 13 2383			EA 2" 90 Degree Angle Liquid Tight Connector	\$73.26
				Installation	
				Quantity 1.00 x Unit Price 55.08 x Factor 1.3300 = Total 73.26	
				Conduits to new genset	
71	26 05 33 13 2383	0065		For Work In Restricted Working Space, Add	\$0.00
				Installation	
				Quantity 0.00 x Unit Price 3.66 x Factor 1.3300 = Total 0.00	
72	26 05 33 13 2386			EA 4" 90 Degree Angle Liquid Tight Connector	\$469.36
				Installation	
				Quantity 1.00 x Unit Price 352.90 x Factor 1.3300 = Total 469.36	
				Conduits to new genset	
73	26 05 33 13 2386	0416		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	\$9.47
				Installation	
				Quantity 1.00 x Unit Price 7.12 x Factor 1.3300 = Total 9.47	
74	26 05 53 00 0019			EA Labeling Existing Wire	\$77.47
				Installation	
				Quantity 25.00 x Unit Price 2.33 x Factor 1.3300 = Total 77.47	
				Line & Low Voltage Wiring	
75	26 05 83 00 0040			EA 1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	\$120.18
				Installation	
				Quantity 2.00 x Unit Price 45.18 x Factor 1.3300 = Total 120.18	
				ground lugs	
76	26 05 83 00 0056			EA 1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	\$192.24
				Installation	
				Quantity 2.00 x Unit Price 72.27 x Factor 1.3300 = Total 192.24	
				splices as needed to extend	
77	26 05 83 00 0064			EA 500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	\$1,035.06
				Installation	
				Quantity 4.00 x Unit Price 194.56 x Factor 1.3300 = Total 1,035.06	
				splices as needed to extend	
78	26 05 83 00 0124			EA 3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Kit contains connector, gel filled cap and cap clamp.	\$796.80
				Installation	
				Quantity 10.00 x Unit Price 59.91 x Factor 1.3300 = Total 796.80	
				splices as needed to extend	
79	26 32 13 19 0011			EA 100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	\$56,413.37
				Installation	
				Quantity 1.00 x Unit Price 42,416.07 x Factor 1.3300 = Total 56,413.37	
				New genset	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			
<b>ELECTRIC</b>						
80	26 32 13 19 0011	0349		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure , Add	\$10,418.42	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	7,833.40	1.3300	10,418.42
			x	x	=	
81	27 51 17 00 0016		EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	\$861.76	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	647.94	1.3300	861.76
			x	x	=	
				Remote Annunciator		
82	27 52 23 00 0010		EA	Bed Push Button For Use With N45 (9'); RB13-9	\$590.67	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	444.11	1.3300	590.67
			x	x	=	
				Remote E-Stop		
83	33 71 19 13 0003		EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	\$2,195.60	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	1,650.83	1.3300	2,195.60
			x	x	=	
				To intercept line voltage conduit/wiring		
84	33 71 19 13 0012		EA	18" x 28" x 12", Electric Pull Boxes, Precast Concrete	\$1,453.26	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	1,092.68	1.3300	1,453.26
			x	x	=	
				To intercept low voltage conduit/wiring		

**Subtotal for ELECTRIC** **\$99,747.34**

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			
<b>GAS</b>						
85	05 05 19 00 0005		EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	\$954.94	
				Installation		
			Quantity	Unit Price	Factor	Total
			100.00	7.18	1.3300	954.94
			x	x	=	
86	05 05 23 00 0102		EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	\$579.88	
				Installation		
			Quantity	Unit Price	Factor	Total
			100.00	4.36	1.3300	579.88
			x	x	=	
87	05 05 23 00 1385		EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	\$5.32	
				Installation		
			Quantity	Unit Price	Factor	Total
			100.00	0.04	1.3300	5.32
			x	x	=	
88	05 43 00 00 0003		LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	\$738.15	
				Installation		
			Quantity	Unit Price	Factor	Total
			50.00	11.10	1.3300	738.15
			x	x	=	
89	23 01 10 91 0008		EA	>100' To 250', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems	\$991.26	
				Installation		
			Quantity	Unit Price	Factor	Total
			1.00	745.31	1.3300	991.26
			x	x	=	
				Shut down existing gas		



**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded If marked with an X)		
<b>GAS</b>					
90	23 01 20 91 0003		EA	>1" To 3", Lock Out/Tag Out ValveExcludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	\$33.10
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 24.89 x 1.3300 =	33.10
				lock out tag out gas	
91	23 01 20 91 0007		EA	Lock Out Padlock	\$11.04
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 8.30 x 1.3300 =	11.04
				lock out tag out gas	
92	23 01 20 91 0008		EA	Lock Out Tags	\$5.33
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 4.01 x 1.3300 =	5.33
				lock out tag out gas	
93	23 05 93 00 0103		EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic TestingIncludes soaping joints.	\$1,531.71
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 1,151.66 x 1.3300 =	1,531.71
				testing of gas line	
94	23 11 23 00 0323		EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	\$266.73
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 200.55 x 1.3300 =	266.73
95	23 21 13 23 0008		LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting AssemblyIncludes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	\$4,718.84
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				100.00 x 35.48 x 1.3300 =	4,718.84
96	23 21 13 23 0038		EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	\$237.51
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				2.00 x 89.29 x 1.3300 =	237.51
97	23 21 13 23 0098		EA	2", 150 LB, Black Malleable Iron Reducing Tee	\$177.67
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 133.59 x 1.3300 =	177.67
98	23 21 13 23 0135		EA	2", 150 LB, Black Malleable Iron Cap	\$120.71
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				2.00 x 45.38 x 1.3300 =	120.71
99	23 21 13 23 0148		EA	2", 150 LB, Black Malleable Iron Union	\$192.62
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 144.83 x 1.3300 =	192.62
100	23 21 13 23 0366		EA	2", Cut And Thread Existing In Place Black Steel Pipe	\$47.44
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 35.67 x 1.3300 =	47.44
				cut and thread pipe for connect	
101	33 52 16 13 0078		EA	2" Anodless Gas Riser	\$476.11
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				2.00 x 178.99 x 1.3300 =	476.11

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>GAS</b>					
102	33 52 16 23 0007		LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	\$901.74
			Installation	Quantity      Unit Price      Factor =      Total	
				120.00      x      5.65      x      1.3300 =      901.74	

**Subtotal for GAS** **\$11,990.10**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>MASONRY</b>					
103	01 22 20 00 0054		HR	Principal Architect	\$4,788.00
			Installation	Quantity      Unit Price      Factor =      Total	
				16.00      x      225.00      x      1.3300 =      4,788.00	
104	01 54 23 00 0013		CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	\$1,501.68
			Installation	Quantity      Unit Price      Factor =      Total	
				17.40      x      64.89      x      1.3300 =      1,501.68	
				5' x 6' x 58' around wall = 1740 CF / 100 = 17.4	
105	01 54 23 00 0019		CCF	Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	\$1,193.43
			Installation	Quantity      Unit Price      Factor =      Total	
				17.40      x      51.57      x      1.3300 =      1,193.43	
				5' x 6' x 58' around wall = 1740 CF / 100 = 17.4	
106	01 54 23 00 0032		SF	Additional Scaffolding Planks, Wood, 2"	\$274.62
			Installation	Quantity      Unit Price      Factor =      Total	
				232.00      x      0.89      x      1.3300 =      274.62	
				4' x 58' = 232 SF added planking	
107	01 71 13 00 0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	\$888.23
			Installation	Quantity      Unit Price      Factor =      Total	
				2.00      x      333.92      x      1.3300 =      888.23	
				skid steer and mixer	
108	03 21 11 00 0009		LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar	\$638.00
			Installation	Quantity      Unit Price      Factor =      Total	
				234.00      x      2.05      x      1.3300 =      638.00	
				54 Lf wall / 4' spacing = 14 + 4 for corners/openings. 18 pc x 13' l = 234	
109	03 21 11 00 0009 0174			For >200 To 500, Add	\$120.44
			Installation	Quantity      Unit Price      Factor =      Total	
				283.00      x      0.32      x      1.3300 =      120.44	
110	04 05 16 26 0007		SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	\$1,798.69
			Installation	Quantity      Unit Price      Factor =      Total	
				552.00      x      2.45      x      1.3300 =      1,798.69	
				grout fill block 58' x 10' = 580 SF - 28 SF door opening = 552 SF	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded If marked with an X)		
<b>MASONRY</b>					
111	04 05 16 26 0018		LF	Grout Door Frames - Grout Fill	\$116.83
				Quantity	Unit Price
			Installation	18.00 x	4.88 x
					Factor =
					Total 116.83
				grout fill door frame = 7'+7'+4' = 18'	
112	04 05 19 13 0005		CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	\$157.25
				Quantity	Unit Price
			Installation	2.70 x	43.79 x
					Factor =
					Total 157.25
113	04 05 19 16 0092		EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	\$105.07
				Quantity	Unit Price
			Installation	100.00 x	0.79 x
					Factor =
					Total 105.07
114	04 21 13 00 0009		SF	Norman Size Red Brick, Running BondNorman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	\$16,361.39
				Quantity	Unit Price
			Installation	580.00 x	21.21 x
					Factor =
					Total 16,361.39
				54' x 10' = 540 SF - 28 SF door opening = 512 SF	
115	04 21 13 00 0009	0033		For Common Or American Bond, Add	\$0.00
				Quantity	Unit Price
			Installation	0.00 x	0.52 x
					Factor =
					Total 0.00
116	04 22 23 13 0017		SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	\$6,996.60
				Quantity	Unit Price
			Installation	580.00 x	9.07 x
					Factor =
					Total 6,996.60
				58' x 10' = 580 SF - 28 SF door opening = 552 SF	
117	04 42 43 00 0014		SF	2-1/2" Thick Sandstone Panels	\$4,000.48
				Quantity	Unit Price
			Installation	58.00 x	51.86 x
					Factor =
					Total 4,000.48
				sandstone cap 1' x 58' = 58 SF	
118	05 12 23 00 0003		TON	Up To 30 LB/LF Beams, Girders And Columns	\$1,017.00
				Quantity	Unit Price
			Installation	0.08 x	10,195.46 x
					Factor =
					Total 1,017.00
				5' x 30 LB / ft = 150 LB / 2000 = .075 tons	
119	05 12 23 00 0003	0002		For Hot Dip Galvanizing, Add	\$231.48
				Quantity	Unit Price
			Installation	0.08 x	2,320.57 x
					Factor =
					Total 231.48
120	08 12 13 13 0011		EA	4' x 6"-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	\$494.47
				Quantity	Unit Price
			Installation	1.00 x	371.78 x
					Factor =
					Total 494.47
				4' x 7" door frame	
121	08 12 13 13 0011	0075		For Galvanized Frames, Add	\$34.98
				Quantity	Unit Price
			Installation	1.00 x	26.30 x
					Factor =
					Total 34.98
122	08 13 13 13 0052		EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	\$1,266.51
				Quantity	Unit Price
			Installation	1.00 x	952.26 x
					Factor =
					Total 1,266.51
				4' x 7" door	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 123869.00  
**Work Order Title:** City of Middleburg Heights Fire Department Generator

Sect.	Item	Modifer	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>MASONRY</b>					
123	08 13 13 13 0052	0095		For Galvanized Steel Door, Add	\$229.46
			Installation	Quantity 1.00 x Unit Price 172.53 x Factor 1.3300 = Total 229.46	
124	08 71 11 00 0015		PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	\$183.76
			Installation	Quantity 1.50 x Unit Price 92.11 x Factor 1.3300 = Total 183.76	
				Hing set = 1.5	
125	08 71 11 00 2265		EA	Storeroom/Closet F07 Mortise Lockset Locked with key outside. Inside always unlocked. Fixed outside handle.	\$1,186.20
			Installation	Quantity 1.00 x Unit Price 891.88 x Factor 1.3300 = Total 1,186.20	
				door lockset	
126	09 91 13 00 0226		LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	\$56.18
			Installation	Quantity 22.00 x Unit Price 1.92 x Factor 1.3300 = Total 56.18	
127	09 91 13 00 0233		EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Both faces	\$195.06
			Installation	Quantity 1.00 x Unit Price 146.66 x Factor 1.3300 = Total 195.06	
<b>Subtotal for MASONRY</b>					<b>\$43,835.81</b>
<b>Proposal Total</b>					<b>\$186,500.64</b>

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