

Work Order Signature Document

EZIQC Contract No.: KY-R3-GC-102924-JLC			
<input type="checkbox"/> New Work Order		<input checked="" type="checkbox"/> Modify an Existing Work Order	
Work Order Number:	141106.01	Work Order Date:	12/11/2025
Work Order Title:	Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and Bracing Sup		
Owner Name:	SOURCEWELL KENTUCKY - Kenton County	Contractor Name:	Johnson-Laux Construction LLC
Contact:	Spencer Stork	Contact:	Dan Matuz
Phone:	859-392-1920	Phone:	773-485-5352

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 KY-R3-GC-102924-JLC.	
<u>Brief Work Order Description:</u>	
Structural Engineering Visit and Bracing Installation Supplemental	

Time of Performance	<i>See Schedule Section of the Detailed Scope of Work</i>		
Liquidated Damages	Will apply: <input type="checkbox"/>	Will not apply: <input checked="" type="checkbox"/>	

Work Order Firm Fixed Price: \$16,259.12
Owner Purchase Order Number:

Approvals

Owner	Date	Contractor	Date
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Detailed Scope of Work

To: Dan Matuz
Johnson-Laux Construction LLC
773-485-5352

From: Spencer Stork
SOURCEWELL KENTUCKY - Kenton County
859-392-1920

Date Printed: December 11, 2025

Work Order Number: 141106.01

Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and

Brief Scope: Structural Engineering Visit and Bracing Installation Supplemental

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.

Summary Scope

The project consists of the below activities associated with - Overhead Door Replacements Structural Engineering and Steel Installation Supplemental at the Kenton County Public Work Fleet Services facility in Independence Ky.

Drawings and Specifications

Drawings and specifications not provided, please see notes below in the detailed scope of work.

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:

Engineering Services:

1. **Site Visit and Documentation:** Conduct a site visit to observe and document the existing structural conditions at and around the overhead door openings.
2. **Record Review:** Review any available existing structural and architectural documentation for the building and correlate this information with field observations.
3. **Structural Analysis:** Perform a structural investigation and analysis of the conditions at the three (3) unique door opening types to determine the load path and bracing requirements for the supporting edge beam(s) following the removal of the conflicting members.
4. **Reporting:** Prepare a brief engineering report summarizing the existing conditions, the analytical findings, and conclusions regarding the structural adequacy. The report will not include any modification or reinforcement required for a code-compliant installation beyond relocating the bracing members.
5. **Data Review & Analysis**
 - a. Review existing structural drawings and site visit notes, and specified new loading requirements.
 - b. Perform a structural analysis of the existing Z-girt under the new condition proposed due to the conflict with the installation of the new overhead doors.
6. **Reinforcement Design**
 - a. Design a supplemental steel member to act compositely with the existing Z-girt to meet the new requirements in accordance with the corresponding governing design code.
7. **Connection Design**
 - a. Design the mechanical connections required to affix the reinforcement member to the existing Z girt,

Detailed Scope of Work Continues..

Work Order Number: 141106.01

Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and
~~Bracing Supplemental~~

ensuring full composite action.

b. Design will include connection spacing, edge distances, and required fastener type/size, accounting for potential section gaps and material thicknesses.

8. Construction Document

a. Prepare sketches to be submitted in a 8 1/2" x 11" format suitable for construction use. This sketch will include sections and elevations of the existing Z-girt along with the new reinforcement section containing the pertinent dimensions.

b. The sketch will also contain connection details containing connector types and spacings.

Installation of Metal Materials and Service Labor:

- Remove the existing torsion spring supports at the header of each overhead door and install full length 13'0" x 11 ga. CS-TYPE B Hot rolled steel Z-Plate supports over the existing Z-Gert as indicated by Schaefer-Inc. Framing Analysis Report.

Details that Apply to All Work Areas

- Contractor to maintain clean work areas at all times, remove and dispose of all demolished materials and construction debris.
- Parking will be made available for the Contractor by the Owner and the Contractor shall coordinate all parking with the Owner prior to the beginning of work.
- Contractor shall coordinate inspections with the Owner as required.
- Upon completion of work, all construction areas shall be left clean and free from debris.

Warranty

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

Submittals

- Report from Engineer

Permitting

- NA

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.

Contractor _____
Date

Owner _____
Date

Contractor's Price Proposal - Summary

Date: December 11, 2025
IQC Master Contract #: KY-R3-GC-102924-JLC
Work Order Number: 141106.01
Owner PO #:
Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and Bracing Supplemental
Contractor: Johnson-Laux Construction LLC
Proposal Name: Kenton County Public Works - Overhead Door Replacements Structural Engineering and Install
Proposal Value: \$16,259.12

Category - Not Entered **\$16,259.12**

Proposal Total **\$16,259.12**

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: December 11, 2025
IQC Master Contract #: KY-R3-GC-102924-JLC
Work Order Number: 141106.01
Owner PO #:
Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and Bracing Supplemental
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Proposal Value: \$16,259.12

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

Section - 01

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.	-\$8,000.00																																																							
				<table border="0"> <tr> <td></td> <td style="text-align: center;">Quantity</td> <td></td> <td style="text-align: center;">Unit Price</td> <td></td> <td style="text-align: center;">Factor</td> <td style="text-align: center;">=</td> <td style="text-align: center;">Total</td> </tr> <tr> <td>Installation</td> <td style="text-align: center;">-8,000.00</td> <td style="text-align: center;">x</td> <td style="text-align: center;">1.00</td> <td style="text-align: center;">x</td> <td style="text-align: center;">1.0000</td> <td></td> <td style="text-align: center;">-\$8,000.00</td> </tr> </table>		Quantity		Unit Price		Factor	=	Total	Installation	-8,000.00	x	1.00	x	1.0000		-\$8,000.00																																								
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				<table border="0"> <tr> <td>APPROX CONTRACT AMOUNT</td> <td colspan="6" style="text-align: right;">23,880</td> </tr> <tr> <td>FIRST</td> <td>NEXT</td> <td>NEXT</td> <td>NEXT</td> <td>NEXT</td> <td>OVER</td> <td></td> </tr> <tr> <td>100,000</td> <td>400,000</td> <td>2,000,000</td> <td>2,500,000</td> <td>2,500,000</td> <td>7,500,000</td> <td></td> </tr> <tr> <td>-- RATE</td> <td>0.01440</td> <td>0.01440</td> <td>0.00870</td> <td>0.00690</td> <td>0.0063</td> <td>0.00563</td> </tr> <tr> <td>VALUE</td> <td>344</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>CALCULATION</td> <td>344</td> <td colspan="4" style="text-align: center;">_=====</td> <td>344</td> </tr> <tr> <td># OF MONTHS</td> <td>12</td> <td colspan="5" style="text-align: center;">Equal?</td> </tr> <tr> <td>BOTTOM LINE</td> <td>344</td> <td colspan="5"></td> </tr> </table>	APPROX CONTRACT AMOUNT	23,880						FIRST	NEXT	NEXT	NEXT	NEXT	OVER		100,000	400,000	2,000,000	2,500,000	2,500,000	7,500,000		-- RATE	0.01440	0.01440	0.00870	0.00690	0.0063	0.00563	VALUE	344	0	0	0	0		CALCULATION	344	_=====				344	# OF MONTHS	12	Equal?					BOTTOM LINE	344					
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3	01 22 20 00-0033		HR	Structural Steel Worker For tasks not included in the Construction Task Catalog@ and as directed by owner only.	\$2,205.22																																																							
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				Used for modifications to accommodate new steel. 3 hour per door.																																																								
				Removals of supports and modification to accommodate existing roof nails.																																																								

Contractor's Price Proposal - Detail Continues..

Work Order Number: 141106.01
Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and Bracing Supplemental

Proposal Name: Kenton County Public Works - Overhead Door Replacements Structural Engineering and Install
Proposal Value: \$16,259.12

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

Section - 01

4	01 22 20 00-0057		HR	Principal Engineer	\$4,575.60
				Installation Quantity 18.00 x Unit Price 205.00 x Factor 1.2400 = Total \$4,575.60 Engineering Services: 1. Site Visit and Documentation: Conduct a site visit to observe and document the existing structural conditions at and around the overhead door openings. 2. Record Review: Review any available existing structural and architectural documentation for the building and correlate this information with field observations. 3. Structural Analysis: Perform a structural investigation and analysis of the conditions at the three (3) unique door opening types to determine the load path and bracing requirements for the supporting edge beam(s) following the removal of the conflicting members. 4. Reporting: Prepare a brief engineering report summarizing the existing conditions, the analytical findings, and conclusions regarding the structural adequacy. The report will not include any modification or reinforcement required for a code-compliant installation beyond relocating the bracing members.	
5	01 22 20 00-0059		HR	Engineer	\$2,321.90
				Installation Quantity 14.00 x Unit Price 133.75 x Factor 1.2400 = Total \$2,321.90 Engineering Services: Create installation sketch for structural installation. Scope calls with subcontractor	
6	01 22 23 00-0053		WK	17' Electric, Scissor Platform Lift	\$841.09
				Installation Quantity 2.00 x Unit Price 339.15 x Factor 1.2400 = Total \$841.09 Used for lifts for steel modifications	

Subtotal for Section - 01 **\$2,322.21**

Section - 05

7	05 05 23 00-1606		EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	\$890.82
				Installation Quantity 160.00 x Unit Price 4.49 x Factor 1.2400 = Total \$890.82 Used to secure to the existing Z-Girt to new Plate. Using 1 /4"-20 self-tapping screws Installed every 12" alternating top and bottom of Z-Plate full length. 20 * 8 Openings	
8	05 12 23 00-0011		TON	Up To 10 LB/LF Rolled Shape Steel Angles	\$9,274.66
				Installation Quantity 0.45 x Unit Price 16,621.25 x Factor 1.2400 = Total \$9,274.66 Used for CS-TYPE B Hot rolled steel Z-Plate supports over the existing Z-Gert as indicated by Schaefer-Inc. Framing Analysis Report.	
9	05 12 23 00-0011	0001	MOD	For ASTM A242 Type 2 High Strength Steel, Add	\$547.83
				Installation Quantity 0.40 x Unit Price 1,104.50 x Factor 1.2400 = Total \$547.83	

Subtotal for Section - 05 **\$10,713.31**

Contractor's Price Proposal - Detail Continues..

Work Order Number: 141106.01
Work Order Title: Kenton County Public Works - Overhead Door Replacements Structural Engineering Visit and Bracing Supplemental

Proposal Name: Kenton County Public Works - Overhead Door Replacements Structural Engineering and Install
Proposal Value: \$16,259.12

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

Section - 08

10	08 33 26 00-0035		LF	For Overhead Framed Rolling Grille Supports	\$3,223.60														
				<table border="0"> <tr> <td>Installation</td> <td>Quantity</td> <td></td> <td>Unit Price</td> <td>Factor</td> <td>=</td> <td>Total</td> </tr> <tr> <td></td> <td>32.00</td> <td>x</td> <td>81.24</td> <td>x</td> <td>1.2400</td> <td>\$3,223.60</td> </tr> </table>	Installation	Quantity		Unit Price	Factor	=	Total		32.00	x	81.24	x	1.2400	\$3,223.60	
Installation	Quantity		Unit Price	Factor	=	Total													
	32.00	x	81.24	x	1.2400	\$3,223.60													
				New spring supports will need installed due to the fact that the old supports will need to be cut out in order to install the new Z-Plate. And 2"x 2" x 12" x 1/8" Angle for Springs Supports															

Subtotal for Section - 08 **\$3,223.60**

Proposal Total **\$16,259.12**

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: %



SCOPE OF WORK

Kenton County Public Works Fleet Services Overhead Door Replacements Structural Engineering and Steel Installation

420 Independence Station Road
Independence, KY 41051

Building

Summary Scope

The project consists of the below activities associated with - Overhead Door Replacements Structural Engineering and Steel Installation Supplemental at the Kenton County Public Work Fleet Services facility in Independence Ky.

Drawings and Specifications

Drawings and specifications not provided, please see notes below in the detailed scope of work.

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:

Engineering Services:

1. **Site Visit and Documentation:** Conduct a site visit to observe and document the existing structural conditions at and around the overhead door openings.
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4. **Reporting:** Prepare a brief engineering report summarizing the existing conditions, the analytical findings, and conclusions regarding the structural adequacy. The report will not include any modification or reinforcement required for a code-compliant installation beyond relocating the bracing members.
5. **Data Review & Analysis**
 - a. Review existing structural drawings and site visit notes, and specified new loading requirements.
 - b. Perform a structural analysis of the existing Z-girt under the new condition proposed due to the conflict with the installation of the new overhead doors.



SCOPE OF WORK

Kenton County Public Works Fleet Services Overhead Door Replacements Structural Engineering and Steel Installation

420 Independence Station Road
Independence, KY 41051

6. Reinforcement Design

- a. Design a supplemental steel member to act compositely with the existing Z-girt to meet the new requirements in accordance with the corresponding governing design code.

7. Connection Design

- a. Design the mechanical connections required to affix the reinforcement member to the existing Z girt, ensuring full composite action.
- b. Design will include connection spacing, edge distances, and required fastener type/size, accounting for potential section gaps and material thicknesses.

8. Construction Document

- a. Prepare sketches to be submitted in a 8 1/2" x 11" format suitable for construction use. This sketch will include sections and elevations of the existing Z-girt along with the new reinforcement section containing the pertinent dimensions.
- b. The sketch will also contain connection details containing connector types and spacings.

Installation of Metal

Materials and Service Labor

- **Remove the existing torsion spring supports at the header of each overhead door and install full length 13'0" x 11 ga. CS-TYPE B Hot rolled steel Z-Plate supports over the existing Z-Gert as indicated by Schaefer-Inc. Framing Analysis Report.**

Details that Apply to All Work Areas

- Contractor to maintain clean work areas at all times, remove and dispose of all demolished materials and construction debris.
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- Contractor shall coordinate inspections with the Owner as required.
- Upon completion of work, all construction areas shall be left clean and free from debris.

Warranty

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

Submittals

- Report from Engineer

Permitting

- NA



SCOPE OF WORK

Kenton County Public Works Fleet Services Overhead Door Replacements Structural Engineering and Steel Installation

420 Independence Station Road
Independence, KY 41051

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.