

# **Change Order Request**

Project: 1923025-02 COR# 84.00

La Crosse Center Expansion & Renovation

400 La Crosse Street Date: 9/24/2020

La Crosse, WI 54601

From: Kraus-Anderson Construction Company To: Owner City of La Crosse

> 151 East Wilson Street, Suite 100 400 La Crosse Street La Crosse, WI 54601

Madison, WI 53703

PCO# 126 - PR 20

Item#	Description	Vendor	Amount
1	PR 20	Kish & Sons Electric, Inc.	\$7,315.00
2	PR 20	Ted Mannstedt & Son, Inc.	\$12,040.00
4	PR 20	Ford Metro, Inc.	\$7,338.76
5	PR 20	North American Mechanical, Inc.	\$78,174.25
7	PR 20	Wieser Brothers General Contractors, Inc.	\$1,427.80
		Total For Change Order	\$106,295.81

Approved By: City of La Crosse Signed: \_

DocuSigned by: 9/24/2020 | 9:32 AM CD Peter Linsmeier Submitted By: Kraus-Anderson Construction Company Signed:

DocuSigned by: 9/24/2020 | 9:41 AM CD kevin Bills Accepted By: Signed: I & S Group, Inc.

6867371012384A6...

B2D92ADEC16949C...

PR 20 Released: 8/7/20

	Contractor Affected	Item #	Sheet/Spec	Change	Contra	ctor Change	_	PR 20	
1	Kish	1		Changed 7 projector screens size	\$	7,315.00	revised	Contractor	Cost
2	NAMI	3, 8	3A1-22	Replace existing arena building pressure sensor, existing return air CO2	sensors;	Added four a	dditional room temp sensors, C	C HJ Martin Ceiling	g 0
2.1	Kish							WHV	0
3	Mannstedt	13	2S1-30A/B, 2S2-16	Added HSS curtain wall beams and column reinforcing	\$	12,040.00			
3.1	Fowler							Waiting on HJ M	<mark>a</mark> rtin revised per ISG's forthco
3.2	Ford Metro				\$	7,338.76	revised		
	Fowler	4	2S4-20	Revised framing detail 3; Added detail 18					
	HJ Martin								
4.2	WHV								
		5, 6	3S1-31, 3S3-09	Added detail 3 for NW end of Entrance Hall canopy					
6	NAMI	7	3M2-15D, 3M5-11	Replace main arena exhaust fan	\$	78,174.25			
	WHV								
		9, 11	3A1-71, 3A2-11	Moved roof access ladder and added paint					
7.1	Wieser								
7.2	Pine Valley								
	<del></del>	10	3A1-73	Revised roof detail 5					
8.1	Fowler								
	Wieser								
	HJ Martin								
		11	3A2-11	Revised metal panel eyebrow return on North wall					
	HJ Martin								
	Wieser								
		12	3A3-33	Revised detail 9					
	Wieser				\$	1,427.80			
	<del></del>	13	3A6-17	Added bulkhead and finishes at new steel over patio curtain wall			to be revised		
11.1	Pine Valley			Total	L	100 205 01			

Total = \$ 106,295.81 DocuSign Envelope ID: 1FB8605D-6A00-4138-89E5-CEFADB5799E6

ming PR 20 revision



2135 Enterprise Avenue 2135 Enterprise Avenue La Crosse, WI 54603-1754

# **Request for Change**

WKT170 - LX CENTER REMODEL BP3
RFC Number: 9

Date: 08/21/2020

## Regarding:

PR#20 PCO#126 - MODIFY SCREEN SIZES FOR (7) MEETING ROOMS. TOTAL IS FOR ALL (7) SCREENS. UNIT PRICE IS INCLUDED AS REQUESTED.

To:

KRAUS ANDERSON 151EAST WILSON STREET SUITE 100 MADISON, WI 53703 Job Site:

LX CENTER REMODEL BP3 LA CROSSE CENTER 300HARBORVIEW PLAZA LA CROSSE, WI 54601

Requested By:	Phone:	E-mail:
KYLE L THESING	(608) 785-0207	kthesing@kishelectric.com

Recipients:	Phone:	E-mail:
BRENDA OELKE	(608) 838-5479	BRENDA.OELKE@KRAUSANDERSO
		N.COM

Requested Change:	Change to Contract
PR#20 PCO#126 - MODIFY SCREEN SIZES FOR ALL (7) MEETING ROOMS.	<b>\$</b> 7315.00
UNIT PRICE INCREASE SIZE 50"X80" TO 60"X96" = \$1,045.00 EA.	\$ 0.00

RFC Total	\$ 7315.00

Please respond by: 08/21/2020

KYLE L THESING Kish & Sons Electric, Inc. BRENDA OELKE KRAUS ANDERSON



# **TED MANNSTEDT & SONS, INC.**

1722 Miller St. LaCrosse, WI 54601 608-784-1826 Fax: 608-784-1847

Sales Office: 651-787-0028 Fax: 651-204-9072

8/12/20

Peter M. Linsmeier Kraus Anderson Construction

> CL: Job #:

Re: La Crosse Center, PR-20 La Crosse, WI

We propose to furnish the following(

\_\_\_\_\_0 % Tax Included):

1. Change add for PR-20

Material	8,890
Labor	1,200
Detailing	780
Joist	0
Deck	0
Freight	75
Overhead	1,095
Tax	0

ALL FOR THE SUM OF: \$12.040

We will incorporate these changes when we receive a signed change order.

Very Truly Yours,

Kim S. Rood

Kim S. Rood, PE

## Mannstedt & Son

## **ESTIMATE SCOPE**

Job: La Crosse Center, PR-20

Location: La Crosse, WI

Bid Date: 8/12/20
Estimator: Kim Rood

			Length	
Qty	Units	Description	Ft	ln
ITEM 1		Sheet 2S1-30A		
		Added HSS curtain wall beams		
		Added column reinforcing.		
ITEM 2		Sheet 2S1-30B	·	·
		Added HSS curtain wall beams		
		Added column reinforcing.		
ITEM 3		Sheet 2S2-16		
		Added HSS curtain wall beams to framing elevation 1		
		Added column reinforcing to framing eleva	tion 1	
ITEM 4		Sheet 2S4-20		
		Revised detail 3	·	
		Added detail 18	·	
			·	
			·	

## **Ford Metro Inc**

3121 40th Ave NW Rochester, MN 55901

# LaCrosse Center Expansion and Renovation PR #20 9/22/2020

# REVISE HEAD DETAIL AT CWL 8, 9 & 10 ADDITIONAL LABOR FOR CURTAIN WALL INSTALLATION / FASTENING TO STRUCTURAL STEEL TUBES

	TOTAL	ADD \$ 2,650.56
	OH & P	0.1 \$ 240.96
	SUB	\$ 2,409.60
BOND COST		\$
CAD TIME/ ENGINEERING	0 HRS	\$ 120.00 \$ -
EQUIPMENT	24 HRS	\$ 10.00 \$ 240.00
GLAZIER	12 HRS	\$ 88.20 \$ 1,058.40
WORKING FOREMAN	12 HRS	\$ 92.60 \$ 1,111.20
INSTALLATION LABOR		

## **Ford Metro Inc**

3121 40th Ave NW Rochester, MN 55901

# **LaCrosse Center Expansion and Renovation** 9/22/2020

# REVISE HEIGHTS AT CWL 8 & 9 / NEW GLASS REQUIRED

GLASS COST	\$ 2,572.00
FABRICATION/ CUT DOWN/ REFABRICATION	\$ 1,690.00

SUB \$ 4,262.00
OH & P 0.1 \$ 426.20

TOTAL ADD \$ 4,688.20

# **Proposal Request / Construction Bulletin Quote**



North American Mechanical, Inc.

4401 State Road 19 Windsor, WI 53598

PR/ CB # PR #20

Date:

8/19/20

Phone: (608) 842-3900

Project Name:	Lacrosse	Center
---------------	----------	--------

Project #:

6200002

To: Kraus Anderson	Notes:
Attn: Peter Linsmeier	
Phone: 608-630-4870	
From: Dan Davis	

#### Below is a Breakdown of NAMI's Cost for the above referenced PR/CB

Materials

Total

SM Materials

\$300.00

Pipe Materials

\$20,160.00

Quote Attached. Submittal attached.

Quote breakdown attached.

Equipment (Fan AEF-3) Delivery

Rented Equipment Crane

\$3,200.00

Tools Tax

Mark up Material **Sub Total Materials**  10.0% \$2,366.00

\$26,026.00

Labor	Hrs		Rate	Total
Project Manager			\$105.00	\$0.00
SM Shop Labor			\$85.00	\$0.00
Pipe Shop Labor	1.		\$85.00	\$0.00
Site Superintendent			\$95.00	\$0.00
Field SM		32	\$85.00	\$2,720.00
Field Pipe			\$85.00	\$0.00
0			\$0.00	\$0,00
0			\$0.00	\$0.00
Mark up Labor			10.0%	\$272.00
Labor Subtotal		32		\$2,992.00

Subcontra	ıctors
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Controls

0

0 0

0

Mark up Subcontractors Subcontractor Subtotal

5% -10.0%

\$4,681.50

\$46,815.00

Total

\$51,496.50

Bond Warranty 0.00% 0.00%

Total

\$80,515

Please let me know if you have any questions.

Thanks, Dan Davis Project Manager North American Mechanical Inc. (608) 842-3900

## Davis, Dan

From:

Halderson, Mark < mahalderson@trane.com>

Sent:

Monday, August 17, 2020 2:11 PM

To:

Davis, Dan Schroeder, Scott

Cc: Subject:

FW: La Crosse Center - PCO 126 PR 20

**Attachments:** 

We sent you safe versions of your files; PCO 126 PR 20.pdf

**WARNING: External Email** 

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Dan,

It looked like they wanted this itemized per page 2 of the attached under clarifications. Below is the pricing for anything I saw that affected controls work. All of these controls items were discussed during our walk through in early July.

Item #3: Replace building pressure sensor:

Total

Add:

\$650.00

Item #4: Replace four return air CO2 sensors:

Total

Add:

\$2,460.00

Item #5: Add four room temp sensors near upper mech room doors:

Total

Add:

\$2,310.00

Item #6: Provide BAS S/S and status point for new AEF-3 center arena exhaust fan:

Total

Add:

\$970.00

Item #7: Add four CO & four NO2 sensors to arena concourse area:

Total

Add:

\$10,640.00

Item #8: Run control wires to VFD's serving arena AHU's:

Total

Add:

\$2,105.00

Item #9: Provide electronic damper actuators for outdoor, return and relief air dampers:

Total

Add:

\$27,680.00

items: \$46,815.00

Total of the above controls

The existing face & bypass dampers in the arena AHU's are supposed to be removed when new coils are installed. Item #9 does not have any costs for new F&BP actuators.

Let us know if you have any questions.

Thanks,

#### Mark Halderson

Area Contracting Manager Trane Commercial HVAC North America Upper Midwest Region 2525 Larson St La Crosse, WI 54603 USA

<sup>+1 608 787 7900</sup> Office

<sup>+1 608 780 5664</sup> Cell



5315 Wall St. Suite 160 Madison, WI 53718 (608) 729-5990



			QUOTATION
То:	NORTH AMERICAN MECHANICAL	. INC Kurt Wellenstein	
Project Locatio	t: <u>La Crosse Center Expansion &amp; Roon:</u> La Crosse,WI	enovation	
Bid Da	te: 03/05/2020	Plan Date: 02/06/2020	Addendum:1-4
Project Engine	t: 22435 eer: ISG	Proposal: 011479	Revision: 00
PR #20	0		
IN HZ	_		
	GREENHECK FANS		
		an (Tagged: AEF-3) direct-drive, provided with alu ed backdraft damper, (2) motorized recirculation of fourb.	
	- Fan is not VFD compatible.	to be provided by others. See price to add below. frecirc damper provided. Additional drop height w sembled.	
<u>Γotal F</u>	Price for Greenheck Fan		\$ 17,660.00
	GREENHECK - ADD CONTROL P	ANEL	
	(1) ESRM-CC control panel to control AEF-exhaust/supply/recirculate/mix modes.	-3 - controls the desired fan function by allowing t	he user to adjust between
Γotal A	ADD for Control Panel		\$ 2,500.00
	tfully Submitted, omcheck		
Approve	ed by:	Date Approved:	

#### **TERMS AND CONDITIONS**

F.O.B. Shipping Points, Freight allowed
Terms: Payment is due in net thirty days.
This proposal is valid for thirty days.
No state or federal taxes are included.
This quotation is subject to change without notice
and subject to acceptance and credit approval by the company.
All credit card payments will be subject to an additional 5%
processing fee.





# SUBMITTAL FOR APPROVAL

ITEM	DESCRIPTION					
Job Name	LA CROSSE CENTER EXPANSION & RENOVATION PR #20					
Submittal Date	8/17/2020					
Equipment	GREENHECK FANS					
Specification Section	23 3423					
Lead Time	10 – 12 WEEKS					
Plan Date	2/27/20					
Addendums / CBs	Addenda 1 - 4					
Engineer	ISG					
Contractor	NAMI					
P.O. Number	6200002/M-4					
Submitted By	Mike Tomcheck / mtomcheck@vyron.com / 608-218-3365					
Vyron Job Number	MDT1522200101					

## NOTES:

1. Controls are not included. Mode control provided by others.

**VYRON CORPORATION - Madison Branch** 

5315 Wall Street, Suite 160 Madison, WI 53718 (608) 729-5690



Mark: AEF-3

Model: ESRMDF-54-614-C75

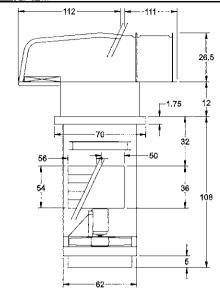
# Model: ESRMDF-54-614-C75

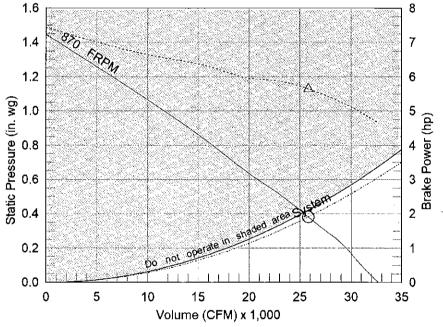
Direct Drive Filtered Four Way Fan

Dimensional						
Quantity	1					
Weight w/o Acc's (lb)	2,102					
Weight w/ Acc's (lb)	2,331					
Weight w/ Acc's and Curb (lb)	2,477					
Max T Motor Frame Size	286					
Roof Opening (in.)	64.5 x 64.5					

Performance	се
Requested Volume (CFM)	26,500
Actual Volume (CFM)	25,817
Total External SP (in. wg)	0.382
Fan RPM	870
Operating Power (hp)	5.64
Elevation (ft)	692
Airstream Temp.(F)	70
Air Density (lb/ft3)	0.073
Tip Speed (ft/min)	12,299
Static Eff. (%)	28

Motor	
Motor Mounted	Yes
Size (hp)	7 1/2
Voltage/Cycle/Phase	460/60/3
Enclosure	TEFC
Motor RPM	870
Efficiency Rating	Energy Efficient
Windings	1





Operating Bhp point
Operating point at Total External SP
Fan curve
System curve
Brake horsepower curve

**Static Pressure Calculations** 

External SP	0.331	in. wg
Filters	0.072	in. wg
Direct Drive RPM Adjustment	-0.02	in. wg
Total External SP	0.382	in. wg

#### Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
Inlet	103	103	99	97	95	90	86	83	100	88	58

#### Notes:

All dimensions shown are in units of in.
"Please consult factory for actual motor amp draw
LwA - A weighted sound power level, based on ANSI S1.4
dBA - A weighted sound pressure level, based on 11.5 dB
attenuation per Octave band at 5 ft - dBA levels are not
licensed by AMCA International
Sones - calculated using AMCA 301 at 5 ft



Mark: AEF-3

Model: ESRMDF-54-614-C75

# Model: ESRMDF-54-614-C75

## Direct Drive Filtered Four Way Fan

## **Standard Construction Features:**

- Hood and pienum of galvanized steel construction - Aluminum mesh filters -Double venturi panel - Reversible cast aluminum airfoil blade propeller -Protective guard - Motor support frames of heavy gauge steel - Ball bearing motor - (1) Low leakage opposed blade top damper, (2) VCD-20 PB recirculation dampers - Modulating spring return damper actuator(s) - Corrosion resistant fasteners - Tie down points. - Due to shipping size limitations, hoods for fans sizes 48 and 54 will be shipped in sections. Hood assembly requires no special tools or training. Complete illustrated assembly and installation instructions are packed with each fan. \* \* (Optional) 4-Way Directional Diffuser

## **Selected Options & Accessories:**

Energy Efficient Motor - meets NEMA Table 12-11 Switch, NEMA-1, T.O., Toggle, Shipped with Unit Junction Box Mounted & Wired Aluminum Hood Top Damper - VCD-23 Low Leakage 12 in. Plenum Ext. (32 in. Total Plenum Height) 4-Way Diffuser with Manual Quadrants Unit Warranty: 1 Yr (Standard)

#### Selected Sub Marks

See individual submittals for full details GPI-70-G24



Mark: AEF-3

Model: ESRMDF-54-614-C75

# **Disconnect Switch**

**Enclosure Rating: NEMA-1** 

#### **Standard Construction Features:**

Enclosure constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection against falling dust. This enclosure meets the rod entry and the indoor corrosion protection design tests. The rod entry test is intended to simulate incidental contact with enclosure equipment. Enclosure is equipped with provision to lockout in the off position with customer supplied lock.

## **Disconnect Switch Configuration**

Type: Manufacturer: Toggle Square D Motor Size: 7 1/2 hp

Voltage: Amperage:

460

UL Listed:

Yes

Overload Protection:

Thermal Overload

Phase:

Cycle:

60 3 870

Switch Pole(s):

30 3

CSA Approved: Yes Rating:

10 hp

Junction Box Mtg.:

Mounted and Wired RPM:

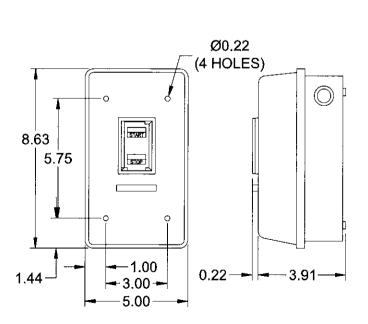
Exp. Resist, Wiring:

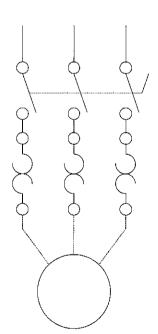
None

Switch Mounting:

Shipped With Unit

## **Electrical Drawing Details**





Wiring Schematic

Notes: All dimensions shown are in units of in.

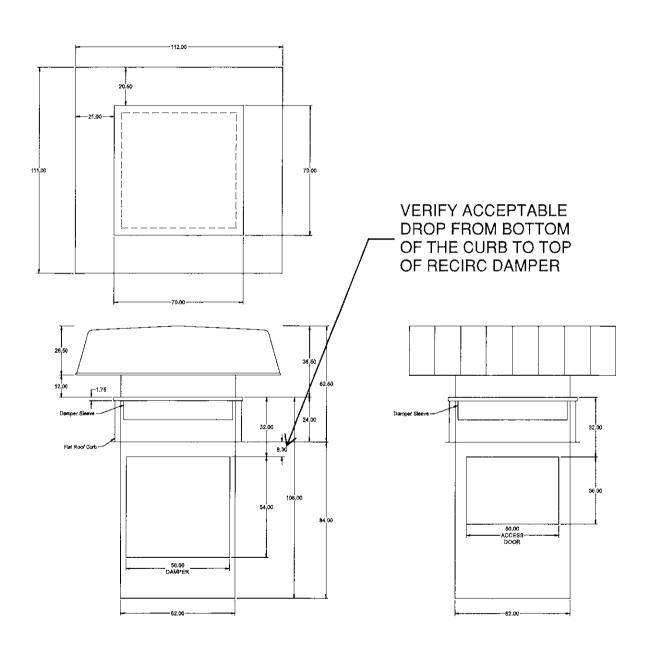


Mark: AEF-3

Model: ESRMDF-54-614-C75

# **Assembly Drawing**

Type: Direct Drive Filtered Four Way Fan



Notes: All dimensions shown are in units of in..



Mark: AEF-3

Model: ESRMDF-54-614-C75

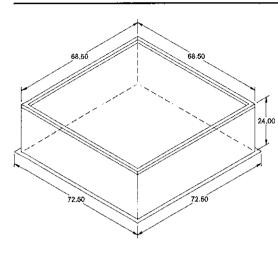
# Warranty 1 Yr (Standard)

WARRANTY AND LIABILITY: SELLER warrants to Buyer that products manufactured are free from defects in material and workmanship for a period of 1 Yr (Standard) from the date of shipment. SELLER's obligations and liabilities under this warranty are limited to furnishing FOB factory or warehouse at SELLER's designated shipping point, freight allowed to Buyer's city, (or point of export for shipments outside the conterminous United States) replacement equipment (or at the option of SELLER parts therefore) for all Seller's products not conforming to this warranty and which have been returned to the manufacturer. No liability whatever shall attach to SELLER until said products have been paid for and such liability shall be strictly limited to the purchase price of the equipment shown to be defective. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by SELLER prove defective during this period, they should be returned to the nearest authorized motor service station. SELLER will not be responsible for any removal or installation costs. Electrical components, excluding motors, are warranted only to the extent warranted by the original manufacturer. To the extent that SELLER is entitled to pass through a warranty of the original equipment manufacturer of the electrical goods sold. SELLER will pass through such warranties to Buyer. The legal remedies described in this Warranty are the sole exclusive remedy of Buyer. SELLER MAKES NO OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, REGARDING ITS PRODUCTS, OR ITS SELECTION AND APPLICATION. INCLUDING, BUT NOT LIMITED TO, COMPLIANCE WITH BUILDING CODES, SAFETY CODES, LAWS, MERCHANTABILITY OR FITNESS OR A PARTICULAR PURPOSE. This warranty is extended solely to the Buyer. It is nontransferable and non-assignable, and the Buyer shall not permit or authorize its employees, agents, representatives or customers to claim, represent or imply that this limited warranty extends or is available to anyone other than the Buyer, ANY MISUSE, NEGLECT, FAILURE TO FOLLOW INSTRUCTIONS OR MANUALS OF INSTALLATION OF MAINTENANCE REPAIR, SERVICE, RELOCATION OR ALTERATION TO OR OF, OR OTHER TAMPERING WITH, THE PRODUCTS PERFORMED BY ANY PERSON OR ENTITY OTHER THAN SELLER WITHOUT SELLER'S PRIOR WRITTEN APPROVAL OR ANY USE OF REPLACEMENT PARTS NOT SUPPLIED BY SELLER, SHALL IMMEDIATELY VOID AND CANCEL ALL WARRANTIES WITH RESPECT TO THE AFFECTED PRODUCTS. THE WARRANTY AND LIABILITY SET FORTH HEREIN ARE IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES WHETHER IN CONTRACT OR IN NEGLIGENCE, EXPRESSED OR IMPLIED. IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. SELLER PROVIDES NO INDEPENDENT WARRANTY FOR THIRD PARTY PRODUCTS OR COMPONENTS SOLD TOGETHER OR INCORPORATED WITH SELLER'S PRODUCT(S), THE SELLER HAS THE RIGHT TO SETTLE ANY AND ALL DISPUTES REGARDING THE WARRANTY.



Mark: AEF-3

Model: GPI-70-G24



Model: GPI

## Roof Curb

## 24/00 Standard Construction Features:

- Roof Curb fits between the building roof and the fan mounted directly to the roof support structure - Constructed of either 18 ga galvanized steel or 0.064 in. aluminum - Straight Sided without a cant - 2 in. mounting flange - 3 lb density insulation - Height - Available from 12 in. to 42 in. as specified in 0.5 in. increments. Notes: - The maximum roof opening dimension should not be greater than the "Actual" top outside dimension minus 2 in.. - The minimum roof opening dimension should be at least 2.5 in. more than the damper dimension or recommended duct size. - The Roof Opening Dimension may or may not be the same as the Structural Opening Dimension. - Damper Tray is optional and must be specified. Tray size is same as damper size. - Security bars are optional and must be specified. Frames and gridwork are all 12 ga steel. Gridwork is welded to the frame and the frame is welded to the curb.

#### General

1			, <del></del>	Sizing	Undersizing	Weight	Shipped
	Tag	Qty	Model	Method	(in.)	(lb)	Assembled
		1	GPI-70	Nominal	1.5	146	Yes

#### **Dimensions**

	Nominal	Nominal	Actual	Actual	Actual	Actual			Hinge	Hinge
Curb	Outside	Outside	Outside	Outside	Inside	Inside	Flange	Flange	Base	Base
Height	Width	Length	Width	Length	Width	Length	Width	Length	Width*	Length*
(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)
24	70	70	68.5	68.5	65	65	72.5	72.5	69	69

#### Accessories

	·		
	Security		Insulation
Material	Bars	Liner	(in.)
Galvanized	No	No	1



**Filter Configuration:** 

IĎ #:	Tag:	Mark Qty:	Filter Type;	Filter W x L x H (in):	Qty of Filters:	Part Number (1 each):
2	AEF-3	1	2 inch Washable Aluminum Filter	12.625 X 33.75 X 2	4	469234
2	AEF-3	1	2 inch Washable Aluminum Filter	12.875 X 29.75 X 2	8	469235

Notes: All dimensions shown are in units of in.



Approval: \_

# **Change Order Request #13**

<b>Project Name:</b> La Crosse Center Expansion - B	<b>Job</b> # 220071					
<b>Date:</b> 8/19/2020						
DESCRIPTION OF WORK TO BE DONE:						
	PCO 126 - PR	#20				
	Subcontractor Total	Labor Total	Material Total	Equipment Total	Total Cost	
100' 2x4 blocking, 1-1/2" foam, and 3/4"		¢560.00	¢720.00		¢1 200 00	
firetreated plywood		\$560.00	\$738.00		\$1,298.00	
					\$0.00 \$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
					\$0.00	
Subtotal	\$0.00	\$560.00	\$738.00	\$0.00		
	,			Subtotal	\$1,298.00	
Self Performed OH&P Subcontractor OH&P						
				Bonding	\$0.00	
				Grand Total	\$1,427.80	
				-		