



TO: DLZ
9305 Calumet Avenue Ste F1
Munster, IN 46321

ATTN: Mr. Lee Randell, P.E.

Date: July 15, 2020
Contract: 45th Street Grade Separation
Subject: Letter #024: Additional Work at Structure #307 to #308A

Dear Mr. Randell:

As you are aware on April 2, 2020 during the work performed to jack & bore the storm drainage beneath the Canadian National (CN) rail, additional cost was incurred to comply with requests from CN. At the time this was taking place, you and I were in communication via phone call to ascertain what steps needed to be taken in real time. Based on your understanding of CN's concerns and the inability to mitigate those concerns without this additional work, Walsh proceeded with CN's requests.

Attached to this letter is a Change Order Request for additional work performed, including a full explanation with supporting documents for the incurred cost.

Respectfully,

A handwritten signature in black ink that reads "M. HERZ". The signature is written in a cursive, slightly stylized font.

Mike Herz
Project Manager
Walsh Construction

Cc: Cortney Beale, INDOT
Dustin Anderson, Munster
Brad Dailey, DLZ
Marc Arena, Walsh
Jonathan Kruger, INDOT

CHANGE ORDER REQUEST FORM

CONTRACT NO. **B-36229-A**

DATE OF SUBMISSION

July 15, 2020

PROJECT DESCRIPTION <i>(route / intersection / bridge no(s).)</i>	45 th Street and Calumet Avenue 0710056
CHANGE ORDER REQUEST SUMMARY DESCRIPTION	Additional Work for Jack & Bore beneath Canadian National Rail
PROPOSED SOLUTION SUMMARY	Work was performed as directed

NOTE: Upon request from Engineer, enter detailed description on page 2.

ONSET DATE OF CHANGE	April 2, 2020	CHANGE ORDER TYPE	104.02 Changed Conditions
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PROPOSED COST AND TIME ADJUSTMENT

\$10,426.93

COST

COST INCREASE / (DECREASE):

\$

~~\$16,300.59~~

The cost adjustment shall include lump sum and/or estimated totaled unit-priced item costs. Attach a separate sheet of unit price items including item description, unit of measurement, estimated quantity and unit price.

CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF COST CHANGE:

☐ 109.03 Altered Quantities ☒ 109.05(a) Agreed Price ☐ 109.05(b) Force Account ☒ 109.05.02 Delay Costs

PROPOSED COST CHANGE INCLUDES: ☐ Labor ☐ Material ☐ Equipment ☐ Lease Agreement ☒ Subcontractor

TIME ADJUSTMENT

INCREASE / (DECREASE):

(work days)

N/A

CHECK APPROPRIATE BOXES PER APPROPRIATE BASIS OF TIME CHANGE:

☐ 108.08(a) Excusable, Non-Compensable ☐ 108.08(b) Excusable, Compensable

NOTE: If **Compensable**, attach details based on 109.05.2(a) Allowable Delay Costs.

SUPPLEMENTAL INFORMATION

Additional information.

CHANGE ORDER ORIGATION:	<input checked="" type="checkbox"/> INDOT / LPA <input type="checkbox"/> Contractor
DOCUMENTS AFFECTED:	
<input type="checkbox"/> Contract Specifications (ref. doc name/no.)	N/A
<input type="checkbox"/> Contract Plans (ref. doc name/no.)	N/A
CHANGE ORDER AFFECTS DBE PARTICIPATION:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no (if yes, attach details)

CONTRACT NO.

B-36229-A

UPON WRITTEN REQUEST FROM THE ENGINEER, PROVIDE ADDITIONAL DETAIL

DATE RECEIVED REQUEST FOR ADDITIONAL DETAIL	[Select Date]	SUBMITTAL DATE OF ADDITIONAL DETAIL	[Select Date]
------------------------------------------------	---------------	----------------------------------------	---------------

DETAILED DESCRIPTION / JUSTIFICATION:

(Include location(s), actions of contractor, owner, and other stakeholders, key events and related cause(s), discoveries, discussions, meetings, and effect on the contract if no action is taken. Also include references to key documents attached or available to support this change order request.)

During work to perform the jack & bore for storm drainage between Str. #307 and #308A the Canadian National directed additional work to be performed. The full extent of that work can be found in attached documentation.

PROPOSED SOLUTION – ADDITIONAL DETAILS:

(Include proposed scope of work, means & methods, materials, equipment, utility relocation required, subcontracted scope and the effect on the contract schedule. Also include references to attached documents including, but not limited to, sketches, calculations, photos, material information, and submittals and meeting minutes.)

Contractor performed the work as directed

SIGNATURE

Contractor:

Name: (print) Mike Herz

(signature) M. HERZ Date: July 15, 2020

NOTE: The Contractor should retain a signed copy of this document for record.

CONTRACT NO.

B-36229-A

ATTACHMENT: UNIT PRICE ITEMS DETAIL

Attach or paste a unit price item detail.

WALSH CONSTRUCTION

Extra Work Summary

Date: July 15, 2020

Project Number: B-36229-A

Project Name: 45th and Calumet

Title: Additional Work at Jack & Bore Beneath Canadian National

Item Number	Description	Quantity	Unit	Unit Cost	Mark-up Rule	Mark-up Cost	Total Unit	Total Cost	
	Additional Work Cost	1	LS	\$14,936.94	S2	\$1,135.59	\$16,072.53	\$16,072.53	\$10,281.04
						\$0.00	\$0.00	\$0.00	
						\$0.00	\$0.00	\$0.00	
						\$0.00	\$0.00	\$0.00	
						\$0.00	\$0.00	\$0.00	
	Bond and Insurance Cost (.0129%)	1	LS	\$207.34	S1	\$20.73	\$228.07	\$228.07	\$145.89
Total Extra Work =		1	LS				\$16,300.59		\$10,426.93

Note: Mark-up rules are L=20% labor, E=12% equipment, M=12% materials, S1=10%sub <\$3000 or Bond/Ins & S2=sub >\$3000.



2619 Main Street
Highland, Indiana 46322

Est. 1983
A Site/Civil General Contractor

PH: 219.924.1623
FX: 219.924.0328

www.grimmerconstruction.com

April 21, 2020

Walsh Construction
1260 East Summit Street
Crown Point, IN 46307

RE: INDOT B-36229
Additional Work for RR Bore

Attention: Michael Herz

On April 2, 2020, while boring under the railroad, the boreface intercepted the layer of stone from the recent undercut and the abandoned fiber optic trench. Those layers of granular material held water, which then abruptly flowed into the casing during our work. The railroad inspector/safety supervisor stopped our work, put us on "stand by" for a couple hours and then directed us to advance the bore 20 feet farther than the plan. The goal was to get the casing beyond the stone trench as he was concerned about infiltration and track settlement. As a result of that directive, we needed to vac-truck excavate ("pothole") the fiber lines on the north side of the tracks. From that pothole we discovered that we could not advance the bore as far as they wanted because the fiber lines were in conflict. We were only able to advance the bore 7 additional feet, which meant we were still in the granular material. We were prepared to bulkhead the end of the casing with wood planking, as standard procedures. However, the railroad was directed us to switch the bulkhead to steel welded so that the seal would be completely water proof.

Although casing installation itself will be paid with via the pay item on measured quantity, the above described work was all unforeseen and additional work. Also, because the casing now is past the location of structure 307, we will have to excavate the end of the casing and cut it off/adjust so as to get it back in line to allow for 307 installation. We anticipate that work to take 2 additional hours. We request a change order be awarded for this additional work described herein.

CHANGE ORDER REQUEST

Additional work for RR exploratory excavation, steel bulkhead, and casing adjustment

TOTAL ADDITIONAL WORK

(see attached labor, equipment and material breakdown)

~~-\$ 14,936.94~~

\$10,281.04*

Sincerely,
GRIMMER CONSTRUCTION, INC.

John C. Dudlicek, P.E.
Vice President

*** See breakdown for review of
contractor pricing, performed
separately.**

T&M

Verification of Wage Rate with Benefits

LABOR:

		2-Apr	3-Apr	Future								
Crew Foreman - Lab	S.T.			2.0	-	Hrs.	\$	98.50	\$	-		
	O.T.	2.0	1.0	2.0	5.0	Hrs.	\$	125.00	\$	625.00		
Crew Foreman - Oper	S.T.			2.0	-	Hrs.	\$	118.00	\$	-		
	O.T.	4.0	5.5	2.0	12.0	Hrs.	\$	150.00	\$	1,800.00		
Laborer	S.T.		1.5		-	Hrs.	\$	89.50	\$	-		
	O.T.	5.0	7.0	4.0	16.0	Hrs.	\$	112.00	\$	1,792.00		
Operator I	S.T.		5.0	2.0	-	Hrs.	\$	111.00	\$	-		
	O.T.	8.5	7.5	2.0	10.0	Hrs.	\$	141.00	\$	2,538.00		

\$ ~~6,755.00~~

Standby Rates per INDOT SS

EQUIPMENT:

Excavator - Mid Size - max 75,000 lbs (e.g. Hitachi 270)	4.0	0.5	2.0	6.5	Hrs.	\$	125.00	\$	812.50
Loader Rubber Tire, Large size - 45,000 lb max (e.g. Case 821)	3.5			3.5	Hrs.	\$	110.00	\$	385.00
Job Truck (tooled)	2.0	0.5	2.0	4.5	Hrs.	\$	34.00	\$	153.00
Vac Truck	5.0	7.0		12.0	Hrs.	\$	90.00	\$	1,080.00

\$ ~~2,430.50~~

Invoice

MATERIAL:

Steel sheet							\$	500.00				
							12% Handling	\$	60.00			

\$ ~~560.00~~

SERVICES:

Bull's Eye downtime due to Rail Road stand-by directive							\$	3,410.66				
Bull's Eye welding services for steel end cap per Railroad directive--standard temporary bulkhead is timber							\$	1,432.15				
							7% Handling	\$	339.63			

\$ ~~5,191.44~~

TOTAL AMOUNT THIS CHANGE ORDER REQUEST

\$ ~~14,936.94~~

Grimmer Construction, Inc.

JOB NAME

45th Bridge

JOB NUMBER

THE 19026

DEPTH of CUT

٧٠

DATE 4-2-20

S M T W **TH** F S

WEATHER

60°

DIVISION Hwy / Com

Hwy/

[illegible]

MISC. MATERIALS - SUPPLIER	QUANTITY	DESCRIPTION
Phoenix	19.40/ton	slag 8's
#2		

#2

Day Lighting w/ Vac TRK ^{REMARKS} cabinet + 45" West, Existing 3 Phase Electric cabinet In conflict w/ MH # 120 + adjacent Pipe Runs. Utility not marked. #2 Daylighted Fiber optic cable at MH # 307 location. + confirmed End of 54" Bore casing ^{TRUCKS.} just under

Grimmer Construction, Inc.

JOB NAME 154H Bridge
 JOB NUMBER 19006
 DEPTH of CUT 8' DATE 4-3-20
 WEATHER 60° 8' DIVISION HWY/Com

NUMBER	NAME		RATE	REG	1 1/2	2	UNITS						TOTAL HOURS
							ITEM	Electric conflict	ATT Duct Relocation	Receiving	Hole control	Steel Plate Installation	
673	D. Mirix	For		8	5		112-000	2 1/2	6 1/2	1			13
771	D. Schara	OP	C12	8	L		108-000	2	6 1/2	1/2			9
7043	M. Parfetti	OP	C12	8	1/2		113-000	2	6 1/2				8 1/2
661	C. Ewing	L		8			1006-900	2	6				8
6056	J. Lammert	L		8			006-125	2	6				8
747	JEFFRIES	Sup		8	3		606-108	2	3	6			11
323	AT. Cooley	For		8	1 1/2			2 1/2		7			9 1/2
	Bukovic	T						2 1/2	6				8 1/2
757	SEEGERS	O	I	8	1 1/2			2 1/2		7			9 1/2
590	B Smoot	T	B6	3 1/2	1 1/2						5		5

EQUIP. #	EQUIPMENT												
90	JOBS TRK	D.M.					2 1/2	6 1/2	1/2				13
1128	JO. 245	D. S.					2	6	1/2				8 1/2
122	CASE 821	M. P.					2	6					8
70	TR1 AXLE	K. H					2 1/2	6 1/2					8 1/2
32	Var TRK	AJ. C. AS					2 1/2		7				9 1/2
030	PB tractor	BS								5			5

MISC. MATERIALS - SUPPLIER	QUANTITY	DESCRIPTION
From YARD NEED PRICE "113-000"	1	5'x10'x 3/16" STEEL Plate
7:00 - 9:00 AM - DayLight Electric Run, "Electric conflict" with MH # 120 + adjacent Pipe Run.		
9:00 - 3:00 - ATT Duct Relocation "conflict with MH # 120"		
Excavation 47' x 6' x 6' For Relocation		

3220 21st Street
Zion, IL 60099



Phone (847) 263-7100
FAX (847) 263-7199

YOUR HOLE IS OUR GOAL

April 16, 2020

INVOICE

7955

Grimmer Construction, Inc.
2619 Main St
Highland, IN 46322

BULL'S-EYE JOB NO. 4565

LOCATION: INDOT R36229A (45th St @ Calumet Ave)
Munster, IN

SERVICE: BID ITEM 125 Pipe Installation, Trenchless, 54" with 36" RCP Storm

BILL FOR SERVICES RENDERED: 4/2/20

DOWNTIME - We pushed the 54" Steel Casing to the designated location. Then railroad did not like how close to the tracks the end of the casing was. We waited for approximately 4 hours of overtime 1) for a decision to push the casing further, 2) for the flagger to reset up his flagging boards

SEE ATTACHED TIME AND MATERIAL WORKSHEETS

~~\$3,419.66~~

TOTAL AMOUNT DUE: ~~\$3,419.66~~

* See breakdown for review of contractor pricing, performed separately.

PAYMENT DUE WITHIN THIRTY (30) DAYS OF INVOICE

We appreciate your business!

3220 21st Street
Zion, IL 60099



Phone (847) 263-7100
FAX (847) 263-7199

YOUR HOLE IS OUR GOAL


PAGE 1

We pushed the casing to the designated location, then because of the soils, the railroad flagger wanted the casing pushed further. We were down approximately 4 overtime hours waiting on a decision of what to do and resetting railroad flagging boards

We were down approximate 4 overtime hours waiting on a decision of what to do and resetting railroad flagging boards									
4/2		Total Hours		Rate	Insurance	Payroll	Earnings To Date	Eligible For Unempl Tax	
		S.T.	O.T.		Amount	Amount		FUT	SUT
<u>Foreman/Operator</u>									
Michael Dennis Doyle	4	0	4	\$77.50	\$310.00	\$465.00	\$32,230.49	\$0.00	\$0.00
<u>Operator</u>									
Brian Engler	4	0	4	\$50.30	\$201.20	\$301.80	\$11,040.85	\$301.80	\$301.80
<u>Laborers</u>									
Jack Fisher	4	0	4	\$43.72	\$174.88	\$262.32	\$4,415.72	\$262.32	\$262.32
Julio Arizmendi	4	0	4	\$43.72	\$174.88	\$262.32	\$6,601.72	\$262.32	\$262.32
								\$826.44	\$826.44
		0	16		\$860.96	\$1,291.44			
Labor Pension & Welfare -					8 @	\$29.58	\$236.64		
Operating Engineer Pension & Welfare -					8 @	\$42.18	\$337.44		
						\$1,865.52			
Plus 15% of				\$1,865.52		\$279.83			
Total							\$2,145.35		
Plus Workman's Comp Insurance			19.83 % of		\$860.96	\$170.73			
Public Liability& Prop. Damage Insur.			8.0124 % of		\$860.96	\$68.98			
Federal Unemployment Tax			0.80 % of	\$826.44		\$6.61			
State Unemployment Tax			8.90 % of	\$826.44		\$73.55			
Federal Social Security Tax			7.65 % of		\$1,291.44	\$98.80			
Total Payroll Additives						\$418.67			
Plus 15% of						\$418.67	\$62.80		
Subtotal							\$481.47		
TOTAL LABOR							\$2,626.82		

I hereby certify that the above statement is a copy of that portion of payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

BULL'S-EYE BORING, INC.

By: 
Manuel Ballesterro - Executive Vice President

*** See breakdown for review of contractor pricing, performed separately.**



3220 21st Street
Zion, IL 60099



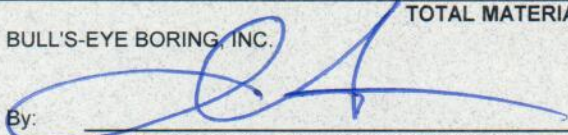
Phone (847) 263-7100
FAX (847) 263-7199

YOUR HOLE IS OUR GOAL

Equipment Expense

				Total Hours	Rate	Amount
				4/2		
2015 Pickup - GMC Pickup	4	\$4.90	Idle Rate	4	\$10.94	\$43.76
Grove TMS 500E Crane	4	\$55.77	Idle Rate	4	\$96.35	\$385.40
60" American Augers Bore Machine	4	\$27.66	Idle Rate	4	\$43.64	\$174.56
International Crew Truck (DT 466)	4	\$13.00	Idle Rate	4	\$30.48	\$121.92
Miller Generator/Welder	4	\$1.82	Idle Rate	4	\$8.40	\$33.60
Miller Generator/Welder	4	\$1.82	Idle Rate	4	\$8.40	\$33.60
TOTAL EQUIPMENT EXPENSE						\$792.84

Material Used

15% of \$	-			\$0.00
BULL'S-EYE BORING, INC.				
By: 				
Manuel Ballestero - Executive Vice President				
TOTAL LABOR				\$2,626.82
TOTAL EQUIPMENT EXPENSE				\$792.84
TOTAL MATERIALS				\$0.00
TOTAL				\$3,419.66

RESIDENT

* See breakdown for review of contractor pricing, performed separately.



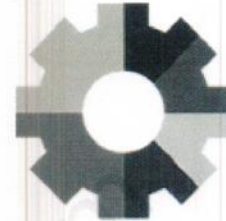
Adjustments for Diesel Pick up in All Saved Models

April 17, 2020

Miscellaneous 4X4 3/4 160 CONV DSL

On-Highway Light Duty Trucks

Size Class:
100 - 199 HP
Weight:
4500 lbs



Configuration for 4X4 3/4 160 CONV DSL

Axle Configuration	4X4	Cab Type	Conventional
Horsepower	160.0	Power Mode	Diesel
Ton Rating	3/4		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$910.00	USD \$255.00	USD \$64.00	USD \$10.00	USD \$8.81	USD \$13.98
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2015: 97.9%)	(USD \$19.11)	(USD \$5.36)	(USD \$1.34)	(USD \$0.21)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$890.89	USD \$249.65	USD \$62.66	USD \$9.79	USD \$8.81	USD \$13.87

Non-Active Use Rates

	Hourly
Standby Rate	USD \$3.70
Idling Rate	USD \$10.94

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD \$491.40/mo
Overhaul (ownership)	27%	USD \$245.70/mo
CFC (ownership)	7%	USD \$63.70/mo
Indirect (ownership)	12%	USD \$109.20/mo
Fuel (operating) @ USD 3.07	67%	USD \$5.88/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

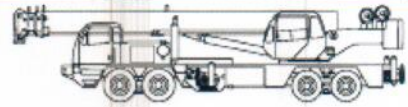
The equipment represented in this report has been exclusively prepared for MANUEL BALLESTERO
(bullseyeboring@aol.com)

Adjustments for CR06 Grove Crane in All Saved Models

April 17, 2020

Grove TMS500E (disc. 2008)

Truck Mounted Hydraulic Cranes---Single Engine



Size Class:

40.0 - 49.9 MTons

Weight:

63101 lbs

Configuration for TMS500E (disc. 2008)

Axle Configuration	6 X 4 X 2	Maximum Boom Length	95.0 ft
Maximum Lift Capacity	40.0 mt	Net Horsepower	330.0 hp
Power Mode	Diesel		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$10,705.00	USD \$3,000.00	USD \$750.00	USD \$115.00	USD \$73.94	USD \$134.76
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2006: 96.98%)	(USD \$323.04)	(USD \$90.53)	(USD \$22.63)	(USD \$3.47)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$10,381.96	USD \$2,909.47	USD \$727.37	USD \$111.53	USD \$73.94	USD \$132.93

Non-Active Use Rates

	Hourly
Standby Rate	USD \$34.21
Idling Rate	USD \$96.35

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	39%	USD \$4,174.95/mo
Overhaul (ownership)	42%	USD \$4,496.10/mo
CFC (ownership)	10%	USD \$1,070.50/mo
Indirect (ownership)	9%	USD \$963.45/mo
Fuel (operating) @ USD 3.07	51%	USD \$37.36/hr

Revised Date: 1st half 2020

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Adjustments for 60" American Augers Bore Machine in All Saved Models

April 17, 2020

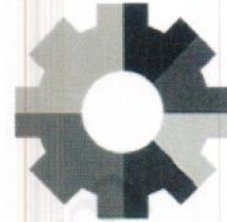
Miscellaneous 60-1200 TURBO

Self Contained Horizontal Borers

Size Class:

54 & Over

Weight:

35100 lbs


Configuration for 60-1200 TURBO

Cased Boring Range	12' - 60'	Horsepower	135.0
Maximum Thrust	1200000.0 lbs	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$6,295.00	USD \$1,765.00	USD \$440.00	USD \$66.00	USD \$57.81	USD \$93.58
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2008: 83.8%)	(USD \$1,019.79)	(USD \$285.93)	(USD \$71.28)	(USD \$10.69)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$5,275.21	USD \$1,479.07	USD \$368.72	USD \$55.31	USD \$57.81	USD \$87.78

Non-Active Use Rates

	Hourly
Standby Rate	USD \$21.88
Idling Rate	USD \$43.64

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	45%	USD \$2,832.75/mo
Overhaul (ownership)	27%	USD \$1,699.65/mo
CFC (ownership)	11%	USD \$692.45/mo
Indirect (ownership)	17%	USD \$1,070.15/mo
Fuel (operating) @ USD 3.07	24%	USD \$13.67/hr

Revised Date: 1st half 2020

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(bullseyeboring@aol.com)

Adjustments for International Crew Truck in All Saved Models

April 17, 2020

Miscellaneous 6X4 43KGVW DSL

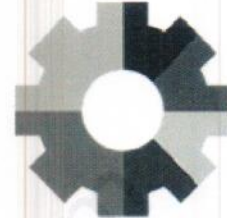
On-Highway Flatbed Trucks

Size Class:

33,001 - 45,000 GVW

Weight:

12606 lbs



Configuration for 6X4 43KGVW DSL

Axle Configuration	6X4	Horsepower	280.0
Maximum Gross Vehicle Weight	40000.0 lbs	Power Mode	Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$2,410.00	USD \$675.00	USD \$170.00	USD \$26.00	USD \$26.98	USD \$40.67
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2019: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$2,410.00	USD \$675.00	USD \$170.00	USD \$26.00	USD \$26.98	USD \$40.67

Non-Active Use Rates

	Hourly
Standby Rate	USD \$9.31
Idling Rate	USD \$30.48

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	47%	USD \$1,132.70/mo
Overhaul (ownership)	32%	USD \$771.20/mo
CFC (ownership)	9%	USD \$216.90/mo
Indirect (ownership)	12%	USD \$289.20/mo
Fuel (operating) @ USD 3.07	62%	USD \$16.79/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for MANUEL BALLESTERO (bullseyeboring@aol.com)

Adjustments for Miller Big Blue Diesel Welder in All Saved Models

April 17, 2020

Miscellaneous DIESEL 400 DC-CC/CV

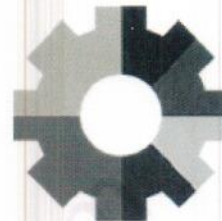
Portable Welders

Size Class:

301 - 400 amps

Weight:

2062 lbs



Configuration for DIESEL 400 DC-CC/CV

Amps	400.0	Current	DC-CC/CV
Horsepower	48.0	Mounting	Skid
Power Mode	Diesel		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$425.00	USD \$120.00	USD \$30.00	USD \$5.00	USD \$8.15	USD \$10.56
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2014: 96.4%)	(USD \$15.30)	(USD \$4.32)	(USD \$1.08)	(USD \$0.18)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$409.70	USD \$115.68	USD \$28.92	USD \$4.82	USD \$8.15	USD \$10.48

Non-Active Use Rates

	Hourly
Standby Rate	USD \$1.82
Idling Rate	USD \$8.40

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	47%	USD \$199.75/mo
Overhaul (ownership)	23%	USD \$97.75/mo
CFC (ownership)	14%	USD \$59.50/mo
Indirect (ownership)	17%	USD \$72.25/mo
Fuel (operating) @ USD 3.07	74%	USD \$6.07/hr

Revised Date: 1st half 2020

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3220 21st Street
Zion, IL 60099



Phone (847) 263-7100
FAX (847) 263-7199

YOUR HOLE IS OUR GOAL

April 16, 2020

INVOICE

7956

Grimmer Construction, Inc.
2619 Main St
Highland, IN 46322

BULL'S-EYE JOB NO. 4565

LOCATION: INDOT R36229A (45th St @ Calumet Ave)
Munster, IN

SERVICE: BID ITEM 125 Pipe Installation, Trenchless, 54" with 36" RCP Storm

BILL FOR SERVICES RENDERED: 4/2/20

DOWNTIME - We agreed to put a plywood bulkhead with some sand bags behind it - that is pretty common just to hold the dirt back for a small duration until Grimmer could do the tie in. The railroad guy saw a little water coming thru the casing so he wanted something more substantial - Grimmer supplied some steel and we welded it in there.

SEE ATTACHED TIME AND MATERIAL WORKSHEETS

~~\$1,432.15~~

TOTAL AMOUNT DUE:

~~\$1,432.15~~

* See breakdown for review of contractor pricing, performed separately.

PAYMENT DUE WITHIN THIRTY (30) DAYS OF INVOICE

We appreciate your business!

3220 21st Street
Zion, IL 60099



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YOUR HOLE IS OUR GOAL

PAGE 1

We agreed to put a plywood bulkhead with some sand bags behind it - that is pretty common just to hold the dirt back for a small duration until Grimmer could do the tie in. The railroad guy saw a little water coming thru the casing so he wanted something more substantial - Grimmer supplied some steel and we welded it in there.

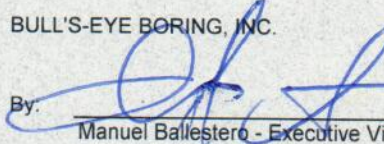
supplied some steel and we welded it in there.

	4/3	Total Hours		Rate	Insurance Amount	Payroll Amount	Earnings To Date	Eligible For Unempl Tax	
		S.T.	O.T.					FUT	SUT
<u>Foreman/Operator</u>									
Michael Dennis Doyle	2	2		\$77.50	\$155.00	\$155.00	\$32,230.49	\$0.00	\$0.00
<u>Operator</u>									
Brian Engler	2	2		\$50.30	\$100.60	\$100.60	\$11,040.85	\$100.60	\$100.60
<u>Laborers</u>									
Jack Fisher	2	2		\$43.72	\$87.44	\$87.44	\$4,415.72	\$87.44	\$87.44
Julio Arizmendi	2	2		\$43.72	\$87.44	\$87.44	\$6,601.72	\$87.44	\$87.44
								\$275.48	\$275.48
Labor Pension & Welfare -		8	0		\$430.48	\$430.48			
Operating Engineer Pension & Welfare -				4 @	\$29.58	\$118.32			
				4 @	\$42.18	\$168.72			
						\$717.52			
Plus 15% of				\$717.52		\$107.63			
Total							\$825.15		
Plus Workman's Comp Insurance		19.83	% of		\$430.48	\$85.36			
Public Liability& Prop. Damage Insur.		8.0124	% of		\$430.48	\$34.49			
Federal Unemployment Tax		0.80	% of	\$275.48		\$2.20			
State Unemployment Tax		8.90	% of	\$275.48		\$24.52			
Federal Social Security Tax		7.65	% of		\$430.48	\$32.93			
Total Payroll Additives						\$179.50			
Plus 15% of						\$179.50	\$26.93		
Subtotal							\$206.43		
TOTAL LABOR							\$1,031.57		

I hereby certify that the above statement is a copy of that portion of payroll which applies to the above stated work and that the rates shown for taxes and insurance are actual costs.

BULL'S-EYE BORING, INC.

By.


Manuel Ballesterro - Executive Vice President

* See breakdown for review of contractor pricing, performed separately.



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Zion, IL 60099



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YOUR HOLE IS OUR GOAL

Equipment Expense

	4/2		Total Hours	Rate	Amount
2015 Pickup - GMC Pickup	2	Idle Rate	2	\$10.94	\$21.88
Grove TMS 500E Crane	2	Idle Rate	2	\$96.35	\$192.70
60" American Augers Bore Machine	2	Idle Rate	2	\$43.64	\$87.28
International Crew Truck (DT 466)	2	Idle Rate	2	\$30.48	\$60.96
Miller Generator/Welder	2	Idle Rate	2	\$8.40	\$16.80
Miller Generator/Welder	2	NORMAL RATE	2	\$10.48	\$20.96

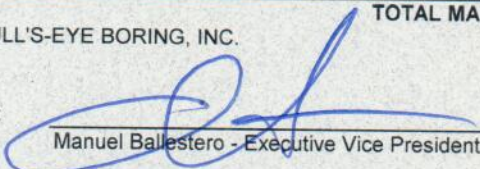
TOTAL EQUIPMENT EXPENSE ~~\$400.58~~

Material Used

15% of \$	-		\$0.00
		TOTAL MATERIALS	\$0.00

BULL'S-EYE BORING, INC.

By:


Manuel Ballesterro - Executive Vice President

TOTAL LABOR

TOTAL EQUIPMENT EXPENSE

TOTAL MATERIALS

\$1,031.57

~~\$400.58~~

\$0.00

TOTAL ~~\$1,432.15~~

RESIDENT

* See breakdown for review of contractor pricing, performed separately.

