CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) entered into a construction contract dated October 17, 2016 (Contract) with Horizone Construction 1, Ltd. (Contractor) for the construction of the Rojas Drive Improvements Project (Project);

WHEREAS, during construction, the Contractor identified certain conflicts associated with an existing waterline not found in the plans and the County of El Paso separately requested additional barricades and other traffic control devices be added by the Contractor within the project limits; and

WHEREAS, the County of El Paso has approved these proposed changes and the parties therefore desire to execute Change Order No. 2 to the Contract;

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director be authorized to execute Change Order No. 2 with Horizone Construction 1, Ltd., related to resolution of a waterline conflict and to add barricades and other traffic control devices on the Rojas Drive Improvements Project.

CAMINO REAL REGIONAL

PASSED AND APPROVED THIS 9TH DAY OF AUGUST 2017.

	MOBILITY AUTHORITY
ATTEST:	Susan A. Melendez, Chair
Joe R. Fernandez, Board Secretary	
APPROVED AS TO CONTENT:	
Raymond L. Telles Executive Director	



CONSTRUCTION CONTRACT CHANGE ORDER NUMBER #2

4. Describe the change and the reason for the change order. When necessary, include exceptions to this agreement. - Due to a conflict with an existing 8' waterline installed by the MUD prior to the project and not shown on the plans, approximately 0.52 CY of 2-sack was added to an existing 8' waterline was field located and is not shown in the original design plans. - Contractor requires temporary 8' HMAC, with prime coat, and embankment for the westbound Rolas Drive parement transition in Phase 18. Taper will extend from proposed concrete pavement up to existing pavement at 51A 22+70. This will produce an overnun in 8th terms 13-6002, 314-6008, 341-6010. - Contractor requests an additional 22 days and delay costs for idle equipment for two waterline conflicts with proposed RCP during the dates of January 16, 2017 through February 16, 2017 and January 24, 2017 through February 16, 2017 and January 24, 2017 through February 16, 2017 and analyze 24, 2017 through February 16, 2017 and analyze 24, 2017 through February 16, 2017. - I month of additional TCP is also required. - El Paso Country requested additional Barricades, Signs 8, Traffic Handling at Equestrian Rd due to subdivision complaints of motorists making unpermitted left turns from through the dirt median. Prices for the new and existing items were determined to be fair and reasonable. 5. New or revised plan sheet(s) are attached and numbered: none Each signatory hereby warrants that each has the authority to execute this Change Crder. By signing his change order, the contractor agrees to walve any and all admires additional compensation due to any and all other expenses, as a result of this change Further, the contractor agrees to walve any and all colimitations of time. Order and policit roises for compensation as a result of this change Further, the contractor agrees to walve any and all colimitations of the contract agreement introduced and the contract Exceptions should be noted in the response for feature. The following information must b					
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor) 4. Describe the change and the reason for the change order. When necessary, include exceptions to this agreement. - Due to a conflict with an existing 8" waterline installed by the MUD prior to the project and not shown on the plans, approximately 0.52 CY of Jesack was added to an existing 8" waterline found in conflict with proposed 30" RCP at approximate STA 22+90. 8" waterline was field located and is not shown in the original design plans. - Contractor requires temporary 8" HMAC, with prime cost, and embantment for the westbound Rigas Drive parement transition in Picase 18. Target will extend from proposed concrete pavement up to existing pavement at STA 22+70. This will produce an overrun in fill items 132-6003, 314-6010. 34 4-16010. - Contractor requests an additional 22 days and delay costs for idle equipment for two westerines conflicts with proposed RCP during the dates of January 16, 2017. 1 month of additional TDF is also required. - El Paso County requested additional Barriandes, Signs & Traffic Handling at Equestrian Rd due to subdivision complaints of motionists making unpermitted left turns from through the dirt median. Prices for the new and existing items were determined to be fair and reasonable. 5. New or revised plansheet(s) are attached and numbered: none Each signalorly hereby warrants that each has the authority to execute this Change Order. - Sy aging Nicharape and approved by the Camino Real Regional Mobility Authority for the purpose and effect in the response for floatone. - Typed/Printed Name - Date - Date - D	1.00	NTRACTOR: Horizone Construction 1, Ltd.		CCSJ:	N/A
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	gnatui	re Date			
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	med/r	rinted Name and Title			

LIST OF ATTACHMENTS

- Change Order #2 back-up documentation

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER

Estimated Cost:

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2

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TABLE B: Contract Items

	Contract nems							
				ORIGINAL+ REA	ORIGINAL + PREVIOUSLY REVISED	N.	NEW	
ITEM	DESCRPTION	TINO	UNITPRICE	QUANTITY	ITEM COST	QUANTITY	ITEM COST	OVERBUN/ UNDERRUN
132-6002	132-6002 EMBANKMENT(FINAL)(DENS)(TYA)	CY	\$27.50	170	\$4,675.00	214	\$5,885.00	\$1,210.00
314-6003	314-6003 EMULS ASPH (BS OR SUBGR) (SS-1H)	GAL	\$3.00	5,438	\$16,314.00	5,445	\$16,335.00	\$21.00
341-6010	341-6010 D-GR HMA TY B PG70-22	TON	\$62.72	373	\$23,394.56	500.60	\$31,397.63	\$8,003.07
401-6001	401-6001 FLOWABLE BACKFILL	CY	\$54.65	1685	\$92,085.25	1685.52	\$92,113.67	\$28.42
502-6001	502-6001 BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$9,010.00	12	\$108,120.00	13	\$121,418.76	\$9,010.00
xxx-xx01	EQUIPMENT IDLE TIME	FIS	\$43,227.10	0	\$0	1	\$43,227.10	\$43,227.10
xxx-xx02	xxx-xx02 ADDITIONAL BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	\$4,548.92	0	0\$	ĸ	\$18,195.68	\$18,195.68
	TOTALS :							\$79,695.27

Atkins Form# 9-31 Page 1 of 1

CAMINO REAL REGIONAL MOBILITY AUTHORITY

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER	2

Third Party Funding Notification Sheet

This form is used when the subject change order involves funding by a source other than CRRMA, and involves third parties who are providing funding under an Advance Funding Agreement or Donation Agreement.

County of El Paso	CCSJ: N/A
Outside Entity's Legal Name)	CCSJ: N/A
2. Type of outside funding agreement for this change:	Rojas Dr Improvements
X Existing Amended New	Project
[Check one]	Highway: CS(Rojas Dr)
3. Indicate the type and amount of funding:	County: El Paso
☐ Fixed Price (Lump Sum) (Estimated Amount) _	District: N/A
Actual Cost	
(a) Contract Items (Bid Items):	Use as needed: I hereby acknowledge notification of the modifications covered by this Change Order.
TOTAL \$79,6	95.27 Date
	Ву
	ByTyped/Printed Name

- ** Use the statewide district rate as established by Finance Division each year. This line 3 (c) is for Service Project only, unless $otherwise specified in the Advance Funding Agreement. \ \ See \ Stand \ Alone \ Manual \ Notice \ 98-2 for instructions.$

Funding for this Change Order has been arranged:	8/4/2017
Representative About Livery La La COS	Date
Typed/Printed Name: ANN SIVENA Ta/accos	

Contact/Help

Change Order #2 Backup Data



4529 Osborne Dr. Suite A El Paso, Texas 79922 Ph: (915)790-0553 *Fax: (915)790-1133

> June 13, 2017 Rev July 12, 2017

Mr. Cesar Nevarez Atkins North America, Inc. 404 Executive Center Blvd El Paso, Texas 79902

Re: Change Order Request (Change order Two)

Project Number: 2016-15

Below you will find a list of changes that have been made or will be made to the Rojas Drive Project

- 1.-0.52 Cy of 2-sack was added to an existing 8" water line in conflict with new 30" RCP at approximately STA 22+90.
- 2.- Temporary Transition Ramp 40' x 60' 8" HMAC to include subgrade preparation and prime coat. Ramp will be located at the transition of phase 1A to connect new CRCP with existing
- 3.- Additional 22 days per RFI 11 Regarding two waterline conflicts with proposed RCP. This will also increase traffic control and a charge for idle time.
- 4.- Additional traffic control per Atkins and El Paso County Request.

ITEM	Description	Unit	Unit Price	Quantity	Item Cost
1	EMBANKMENT(FINAL)(DENS)(TYA)	CY	\$27.50	44	\$1,210.00
2.1	EMULS ASPH (BS OR SUBGR) (SS-1H)	GAL	\$3.00	7	\$21.00
2.2	D-GR HMA TY B PG70-22	TON	\$62.72	127.60	\$8,003.07
3.1	FLOWABLE BACKFILL	CY	\$54.65	.52	\$28.42
3.2	Barricades, Signs and Traffic Handling	МО	\$9,010.00	1	\$9,010.00
4.1	Additional Barricades, Sings	МО	\$4,548.92	3	\$18,195.68
4.2	Idle Time	LS	\$43,227.10	1	\$43,227.10

Total \$79,695.27

Please do not hesitate to contact me if you need any other information regarding this matter.

Sincerely,

Saul Mejia

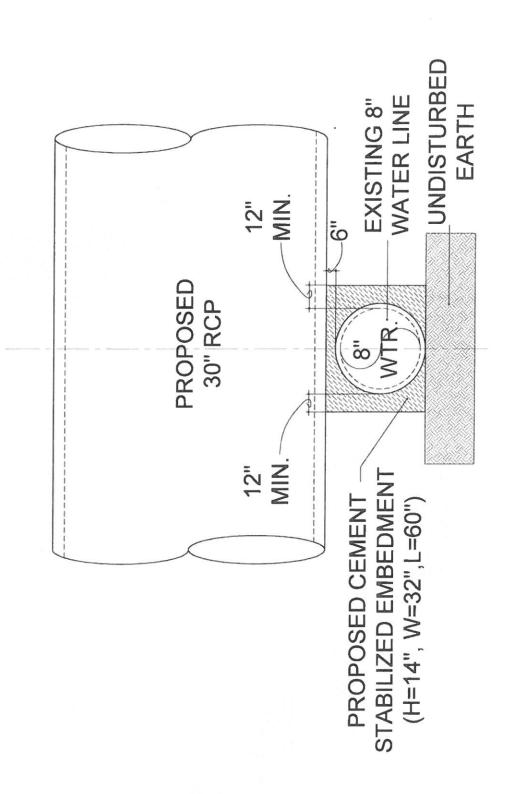
Project Manager



Request for Information

No.: 11 Date: 1/23/17

The second secon			
PROJECT NO.:		Water Line & Stor	rm Sewer Conflict STA
PROJECT:	Rojas Drive Improvements		
SSUED TO:	Atkins	ATTENTION: Joseph W. Hudy	
DESCRIPTION:			REFERENCE:
We encounter a ine it is not on the Engineering on the south of I water line, this vat that station it Please advise o Zollars had the a for lost days unt	water pipe line on STA 23+86 perpender plans provided by the designer, Ho and they let us know the purpose of Rojas Drive. We pot hole it and took to will generate a conflic with our storms is as follow, Top of Pipe 3789.97' and in how to proceed, according with Mr. as builts for this line previously to the	Indicular to our proposed storm sewer, this prizone notify HRMUD and Mr. Duran from this line it is to feed a future construction the elevation 3787.44' to the top of the sewer since our top and bottom of the pipe is 3786.91'. Duran he can not help us since Huitt storm sewer desing. The storm sewer it is activities for this issue. We need to ask	
CC:		-	
SSUED BY:	Occar Rurciaga		ANSWER REQUIRED BY:
REPLY:	Oscar Burciaga		ASAF
We have reviewed reference to this work-final design placeting dentified conflicts phase. In the interest of twater line. However drawing to show see attached conflicts was a drawing to show see attached conflicts.	rater line crossing Rojas Dr at this location hase. In addition, several utility coordination where resolutions were required. The HI time to resolve this issue, HZ will evaluate the ver, due to slope limitation, the cover between ew slopes. If the HR MUD does not approximately approximately the slopes of the HR MUD does not approximately the slopes.	the HRMUD during the design phase and have not be Furthermore, the plans were provided to the HI on meetings were held where the HRMUD wasped MUD did not bring up a conflictwith a line in the storm line in this area to determine if the pipe even the water line and the storm may not be more rove with the our recommendation. Theywill has approved by PDEMUDCRN February 16, 2017)	RMUD at 30%,60%, 90%, and resent and HZ presented the his location during the design can be raised toclear the e than afoot. HZ will provide
	Roxanna Medina		1/25/17
	Koxanna Medina,	FE.	1/25/1/
NOTE:			



CEMENT STABILIZED DETAIL

Nevarez, Cesar R

From:

Luis De Stefano < Irdestefano 25@gmail.com>

Sent:

Monday, March 20, 2017 11:52 AM

To:

rlara@aiainc.com

Cc:

Nevarez, Cesar R; Oscar Burciaga

Subject:

Re: FW: Lost days letter

Ruben:

please review the attached information, if you have any question please call me

Equipment	Lost Days	Dates
Sheep Foot Roller CA25PD	21	(1/16-1/24) and (1/24-2/16)
Water Truck Peterbuilt 2000 Gal	21	(1/16-1/24) and (1/24-2/16)
Front End Loader CAT 950 F	21	(1/16-1/24) and (1/24-2/16)
Smooth Roller CAT CS583C	14	1/24-2/16
Excavator CAT 320	14	1/24-2/17
Motor Grader CAT 140 M	14	1/24-2/18

Luis Rene De Stefano Horizone Construction I LTD 4529 Osborne Dr El Paso, Tx 79922 T (915) 790-0553 F (915) 790-1133

On Mon, Mar 20, 2017 at 11:10 AM, <<u>rlara@aiainc.com</u>> wrote:

Mr. Stefano,

Please provide a list of the equipment you are claiming as standby in the "Lost Days" letter dated March 10, 2017.

Thanks

Ruben Lara

From: Nevarez, Cesar R [mailto:cesar.r.nevarez@atkinsglobal.com]

Sent: Monday, March 20, 2017 9:30 AM

To: rlara@aiainc.com

Subject: FW: Lost days letter

Try this e-mail.
Cesar R. Nevarez, P.E.
Senior Engineer, Traffic
ATKINS
404 Executive Center Boulevard, El Paso, TX 79902 Direct: +1 (512) 372 1206 Fax: +1 (915) 533.4089
Email: cesar.r.nevarez@atkinsglobal.com Web: www.atkinsglobal.com www.atkinsglobal.com
Twitter: www.twitter.com/atkinsglobal Facebook: www.facebook.com/atkinsglobal
LinkedIn: www.linkedin.com/company/atkins YouTube: www.youtube.com/wsatkinsplc
From: Nevarez, Cesar R Sent: Friday, March 10, 2017 11:47 AM To: 'rlara@aiainc.com' <rlara@aiainc.com> Subject: FW: Lost days letter</rlara@aiainc.com>
Ruben,
Can you please check (attached letter) & provide a list of the equipment that Horizone had on standby during the dates that they are asking for lost time?
Thank you,
Cesar R. Nevarez, P.E.
Senior Engineer, Traffic

ATKINS

404 Executive Center Boulevard, El Paso, TX 79902 | Direct: +1 (512) 372 1206 | Fax: +1 (915) 533.4089|

Email: cesar.r.nevarez@atkinsglobal.com | Web: www.atkinsglobal.com | www.atkinsglobal.com | www.atkinsglobal.com

Twitter: www.twitter.com/atkinsglobal | Facebook: www.facebook.com/atkinsglobal

LinkedIn: www.linkedin.com/company/atkins | YouTube: www.youtube.com/wsatkinsplc

From: Luis De Stefano [mailto:lrdestefano25@gmail.com]

Sent: Friday, March 10, 2017 11:30 AM

To: Nevarez, Cesar R < cesar.r.nevarez@atkinsglobal.com >

Cc: Oscar Burciaga < oeburciaga@gmail.com >; Saul Mejia < horizone-sm@hotmail.com >;

<u>rojasdriveimprovementshorizone@gmail.com</u>; Hudy, Joseph W < <u>Joseph.Hudy@atkinsglobal.com</u>>; Ordonez, Adalberto

Adalberto.Ordonez@atkinsglobal.com

Subject: Lost days letter

Cesar:

Please see attached letter.

Luis Rene De Stefano

Horizone Construction I LTD

4529 Osborne Dr

El Paso, Tx 79922

T (915) 790-0553

F (915) 790-1133

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Consider the environment. Please don't print this e-mail unless you really need to.

Transition Calculations

Asphalt =
$$\frac{W \times L \times T \times Density}{2000}$$

Asphalt =
$$\frac{40 \times 60 \times (8/12)}{2000} \times 145$$

Date 4/3/2017

PROJECT: Rojas Drive
ITEM NUMBER/DES Additional Traffic Control
ESTIMATED QUAN'
1
DATE PERSONNET PROJECT

DATE PERFORMED Pending ITEM		T		U	NIT COSTS				TOTAL COSTS			
DESCRIPTION	QTY	UNIT	LABOR	EQUIP	MATERIAL	SUBCT.	O.T.Factor	LABOR	EQUIP	MATERIAL	SUBCT.	MISC
LABOR							1	s .				
MATERIAL		Ton			s - s -					\$ - \$ -		
QUIPMENT Vater Truck					S -			ľ	s .	\$		
SUBCONTRACT Traffic Control Set up Traffic Control Set up	1 1	Month Ea				\$ 3,775 22 \$ 514 19					\$ 3,775.22 \$ 514.19	
MISC												
								5 .	s .	\$.	\$ 4,289 41	s -

TOTAL LABOR					5	10
TOTAL MATERIAL					5	
TOTAL SUBCONTRACT					5	4,289.41
TOTAL EQUIPMENT					5	
MARKUPS						
LABOR BURDENS	\$	4	@	55%	5	
LABOR MARK-UP	5		@	25%	5	
MATERIAL MARK-UP	S		@	25%	5	-
EQUIPMENT MARK-UP	5		@	15%	5	
SUBCONTRACT MARK-UP	\$	4,289.41	@	5%	5	214.47
MISC COST					s	
				SUBTOTAL	S	4,503 88
BOND COST	s	4.503.88	@	1.00%	\$	45 04
				TOTAL	\$	4,548 92

Rojas Drive Horizone Construction

		Traffic Control Specialists Sales and Rentals QUOTE DOCUMENT REFERENCE	1	X	1				
Reference		3120 Trawood Dr. Suite F	-/-	7					
	1	<mark>El Pa</mark> so, Texas 79936	1	-	(D) US DI LOS				
		B: (915) 921-0300		/	/ i=) 205,321-03				
	+	Fax: (915) 921-1647		-6	ट्याद्यस्य हिर्वाती				
Company Name:	Но	Horizone Construction							
Project Contact:	Sau	Saul Mejia, 915-790-0563, horizone-sm@hotmail.com							
Instructions Reference:	Ten	nporary Traffic Control, Barricades and Equ	uipment						
Date:	Thu	rsday, April 6, 2017							
Description:	Cha	nge Order: Rojas Drive Improvement Proje	ct						
Terms of Contract:	Quo	te		-					
	Qty	Traffic Equipment	Unit Price	I	Total				
		Project Equipment							
	89	Channelizing Drums w/Sleeve (30-day Intervals)	\$108.00	18	3,240,00				
	1	No Right Turn Sign w/Stand (30-day Intervals)	\$2.15	5	64.50				
	1	No Left Furn Sign w/Stand (30-day Intervals)	\$2.15	S	64.50				
	1	Type III Barricade (30-day Intervals)	\$3.95	S	118.50				
		Equipment Rental Rates	\$116.25/Day		\$3,487.50/Montl				
rices.		Delivery & Setup		+					
	1	Crew Leader (Cost/3-Hour)	\$60.00	\$	180.00				
_	2	Laborer (Cost/3-Hour)	\$50.00	\$	150.00				
	!	Service Truck (Day)	\$100.00	8	100.00				
	1	Trailer (Day)	\$45.00	\$	45.00				
		Delivery & Setup (Fee)			\$475.00/Fee				
		Delivery & Setup (Fee)	\$475,00/Fee						
			Subtotal	\$	3,962.50				
			Tax	\$	326.91				
			Total	5	4,289.41				

QUOTE IS GOOD FOR 30 DAYS

Taxes and Fees will be applied on final invoice.

Any additional equipment or setups not listed in Temporary Traffic Control Scope of Work will be charged aunit prices as field conditions to determine actual equipment and quantities used.

Any missing and/or damaged equipment due to negligence will be charged accordingly

The form must be completed fully and contain an original signature of the bidder or its authorized agent.

Date 6/13/2017

Rojas Drive Idle Time PROJECT: ITEM NUMBER/DESC.: ESTIMATED QUANTITY: DATE PERFORMED:

ITEM	DESCRIPTION	LABOR	MATERIAL		EQUIPMENT Dates	iter truck peterbuilt 200 gal 1/16 to 2/16	nt end loader CAT 950 F 1/16 to 2/16	ooth Roller CAT CS583C 1/24 to 2/16	avator CAT 320 EL 1/24 to 2/16	tor grader CAT 140 M 1/24 to 2/16	SUBCONTRACT		MISC	
	QTY				2	21	21	14	14	14				
	TINO				Day	Day	Day	Day	Day	Day				
	LABOR													
NS S	EQUIP					\$ 109.62								
UNIT COSTS	MATERIAL													
	SUBCT.													
	O.T.Factor											Ш		
	LABOR	.σ. υ	?	1,1	_					_				
	EQUIP				¢ 6 105 00					\$ 7,929.60	ı A			
TOTAL COSTS	MATERIAL			1 1 1 A 69 69										
STS	SUBCT.									32		, , es es	· •	
	MISC.													

\$ -\$ -\$ 37,216.62 5,582.49 \$ 42,799.11 \$ 427.99 \$ 43,227.10 SUBTOTAL 1.00% TOTAL 55% 25% 25% 15% 5% 00000 0 \$ - . \$ -\$ 37,216.62 \$ 42,799.11 TOTAL LABOR
TOTAL MATERIAL
TOTAL SUBCONTRACT
TOTAL EQUIPMENT
MARKUPS
LABOR BURDENS
LABOR MARK-UP
MATERIAL MARK-UP
EQUIPMENT MARK-UP
SUBCONTRACT MARK-UP BOND COST MISC COST

www.equipmentwatch.com

All prices shown in USS

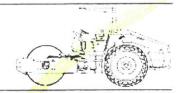
Adjustments for SAULMEJIA6 in All Saved Models

June 22, 2017

Dynapac CA250PD

Single Drum Vibratory Compactors

Size Class: 12.0 - 14.9 MTons Weight: 26,900 lbs.



Configuration for CA250PD

Drum Width Power Mode

84 in Diesel Drum Type Net Horsepower Padfoot 110 hp

Blue Book Rates

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

	Ownership Costs					FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,230.00	\$1,185.00	\$295.00	\$44.00	\$28.05	\$52.08
Adjustments						
Region (100%)			* -			
Model Year (2017: 100%)						
Ownership (100%)						
Operating (100%)					-	
Total:	\$4,230.00	\$1,185.00	\$295.00	\$44.00	\$28.05	\$52.08

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	\$2,157.30/mo
Overhaul (ownership)	29%	\$1,226.70/mo
CFC (ownership)	7%	\$296.10/mu
Indirect (ownership)	13%	\$549.90/mo
Fuel (operating) @ 2.3	23%	\$6.58/hr

Revised Date: 1st Half 2017

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All prices shown in USS

Rental Rate Blue Book®

June 22, 2017

Miscellaneous GAS 4X2 2000 On-Highway Water Tankers

Size Class: To 199 HP Weight: 9,600 lbs.

Configuration for GAS 4X2 2000

Power Mode Tank Capacity Gasoline 2000 gal Horsepower

175

Blue Book Rates

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

		Ownership	Estimated Operating Costs	FHWA Rate**		
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$1,765.00	\$495.00	\$125.00	\$19.00	\$24.25	\$34.28
Adjustments						
Region (100%)	¥ =			<u></u>		
Model Year (2005: 87.7%)	(\$217,10)	(\$50.89)	(S15.3B)	(\$2.34)		
Ownership (100%)						
Operating (100%)						
Total:	\$1,547.90	\$434.11	\$109.62	\$16.66	\$24.25	\$33.04

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	51%	\$900.15/mo
Overhaul (ownership)	31%	\$547.15/mo
CFC (ownership)	6%	\$105.90/mo
Indirect (ownership)	12%	\$211.80/mo
Fuel (operating) @ 2.34	65%	\$15.72/hr

Revised Date: 2nd Half 2016

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Rental Rate Blue Book®

June 22, 2017

Caterpillar 950F (disc. 1993) 4-Wd Articulated Wheel Loaders

Size Class: 150 - 174 HP Weight: 33,757 lbs.



Configuration for 950F (disc. 1993)

Operator Protection Net Horsepower

EROPS

Bucket Capacity - Heaped Power Mode 3.25 cu yd Diesel

170 hp

Blue Book Rates

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

		Ownership (Estimated Operating Costs	FHWA Rate**		
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,455.00	\$1,245.00	\$310.00	\$47.00	\$29.00	\$54.31
Adjustments						
Region (100%)	*					7
Model Year (1993: 100%)						
Ownership (100%)	-		2			
Operating (100%)					-	
Total:	\$4,455.00	\$1,245.00	\$310.00	\$47.00	\$29.00	\$54.31

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	12%	\$1,871.10/mo
Overhaul (ownership)	38%	\$1,692.90/ma
CFC (ownership)	8%	\$356.40/mo
Indirect (ownership)	12%	\$534.60/mo
Fuel (operating) @ 2.36	44 %	\$12.84/hr

Revised Date: 2nd Half 2016

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All prices shown in USS

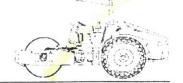
Rental Rate Blue Book®

June 21, 2017

Caterpillar CS-583C (disc. 2001) Single Drum Vibratory Compactors

Size Class: 15.0 MTons & Over

Weight: 33,060 lbs.



Configuration for CS-583C (disc. 2001)

Power Mode Drum Type Diesel Smooth Net Horsepower Drum Width 137 hp 84 in

Blue Book Rates

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

•	•	Estimated Operating Costs	FHWA Rate**			
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,700.00	\$1,315.00	\$330.00	\$50.00	\$39.25	\$65.95
Adjustments						
Region (100%)				-		
Model Year (2001: 100%)				-		
Ownership (100%)	(4.5)	*	*	(*)		
Operating (100%)					-	
Total:	\$4,700.00	\$1,315.00	\$330.00	\$50.00	\$39.25	\$65.95

Rate Element Allocation

Element	Percentage	Value	
Depreciation (ownership)	51%	\$2,397.00/mo	
Overhaul (ownership)	29%	\$1,363.00/mo	
CFC (ownership)	7%	\$329.00/mo	
Indirect (ownership)	13%	\$611.00/mo	
Fuel (operating) € 2.3	21%	\$8.19/hr	

Revised Date: 1st Half 2017

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All prices shown in US\$

Rental Rate Blue Book®

June 22, 2017

Caterpillar 320E L

Crawler Mounted Hydraulic Excavators

Size Class: 24.1 - 28.0 MTons Weight:

N/A Configuration for 320E L

Net Horsepower Operating Weight

153 hp 23.7 mt 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	Daity	Hourly	Hourly	Hourly
\$9.855.00	\$2,760.00	\$690.00	\$105.00	\$46.55	\$102.54
					1
*					1
2 300		il •			
		-	8		
\$9,855.00	\$2,760.00	\$690.00	\$105.00	\$46.55	\$102.54
	\$9,855,00	Monthly Weekly \$9,855.00 \$2,760.00	Monthly Weekly Daity \$9,855.00 \$2,760.00 \$690.00	Monthly Weekly Daily Hourly \$9,855,00 \$2,760,00 \$690,00 \$105,00 	Costs Monthly Weekly Daily Hourly \$9,855,00 \$2,760,00 \$690,00 \$105,00 \$46.55

Rate Element Allocation

Percentage	Value	
37%	\$3,646.35/mo	
49%	\$4,828.95/mo	
7%	\$689.85/mo	
7%	\$689.85/mu	
33%	\$15.17/hr	
	37% 49% 7% 7%	

Revised Date: 2nd Half 2016

The equipment represented in this report has been exclusively prepared for SAUL MEJIA (horizone-sm@hotmail.com)

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All prices shown in USS

Rental Rate Blue Book®

June 22, 2017

Caterpillar 140M

Articulated Frame Graders

Size Class: 170 - 199 HP Weight: 35,708 lbs.



Configuration for 140M

Moldboard Size Power Mode

12 ft Diesel Net Horsepower Operator Protection

183 hp EROPS

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	\$8,595.00	\$2,405.00	\$600.00	\$90.00	\$38.95	\$87.79
Adjustments						
Region (100%)	*	*				
Model Year (2008: 94.4%)	(\$481.32)	(\$134.68)	(\$33.60)	(\$5.04)		
Ownership (100%)		-				
Operating (100%)						
Total:	\$8,113.68	\$2,270.32	\$566.40	\$84.96	\$38.95	\$85.05

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	33%	\$2,836.35/mo
Overhaul (ownership)	49%	\$4,211.55/mo
CFC (ownership)	7%	\$601.65/mo
Indirect (ownership)	11%	\$945.45/mo
Fuel (operating) @ 2.36	35%	\$13.82/hr

Revised Date: 2nd Half 2016

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