

**RESOLUTION AUTHORIZING CONTRACT MODIFICATION #01 TO MOTT
MACDONALD FOR SERVICES DURING CONSTRUCTION FOR THE
GREEN INFRASTRUCTURE PROJECT 2**

MOTIONED BY: Velazquez

SECONDED BY: Gardiner

WHEREAS, the North Hudson Sewerage Authority (hereinafter "Authority") is a public body, duly formed under the Sewerage Authorities law, constituting Chapter 138 of the Laws of New Jersey of 1946, as amended (Chapter 14A of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

WHEREAS, Mott MacDonald has been selected under resolution 17-080 to provide planning and design engineering services during construction for the Green Infrastructure Project 2; and

WHEREAS, this contract modification has been requested in order to efficiently advance the project as described in the report identified as "Exhibit A", with the additional work being documented as required by Mott MacDonald, the project engineer at no additional cost to the Authority; and

WHEREAS, the Facilities Review Board has reviewed the proposal and recommends the approval of the request.

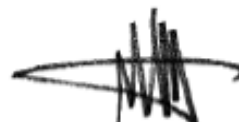
NOW THEREFORE, BE IT RESOLVED that the Authority hereby authorizes the execution and implementation of said contract modification #01 with no increase in contract.

DATED: NOVEMBER 18, 2021

RECORD OF COMMISSIONERS' VOTE

	YES	NO	ABSENT
Commissioner Soares			x
Commissioner Kappock	x		
Commissioner Marotta	x		
Commissioner Gardiner	x		
Commissioner Friedrich	x		
Commissioner Guzman	x		
Commissioner Velazquez	x		
Commissioner Barrera	x		
Commissioner White			x

**THIS IS TO CERTIFY THAT THIS RESOLUTION WAS DULY ADOPTED BY THE
NORTH HUDSON BOARD OF COMMISSIONERS ON NOVEMBER 18, 2021.**



SECRETARY



Mr. Fredric J. Pocci, PE, Authority Engineer
North Hudson Sewerage Authority
1600 Adams Street
Hoboken, New Jersey 07030

**North Hudson Sewerage Authority
Green Infrastructure Improvements – Contract 2
Contract Modification No. 1 and Contract Close-out**

Your Reference

S340952-31

Our Reference

507388902

111 Wood Avenue South
Iselin NJ 08830-4112
United States of America

T +1 (800) 832 3272
F +1 (973) 376 1072
mottmac.com/americas

November 9, 2021

Dear Mr. Pocci:

The purpose of this letter is to recommend Contract Modification No.1 (CM-001) to the Green Infrastructure Contract 2 Improvements Project for the four Bioswales constructed on Park Avenue.

The Contract Modification consists of a summary of Additional Work completed on the project on the following items:

Additional Work:

1. Rock Excavation – Additional work was required for rock excavation required to be removed between an existing inlet at the northeast corner of Park Avenue and 46th Street up to Bioswale No. 4. It was necessary for the Contractor to remove rock for both the pipe trench and the location of Bioswale No. 4. The Contractor spent approximately 18 hours to remove the rock over three days. The Contractor also rented an additional truck for transportation of the excavated rock. The total cost for the rock excavation work was \$9,900.60, as provided under Attachment 1.
2. Oil Tank Interference – Upon excavation for Bioswale No. 1, the contractor encountered an abandoned underground oil tank. The Contractor was required to rent additional equipment for the tank removal at a cost of \$1,260.00, as provided under Attachment 1.

The total additional cost for the Rock Excavation and Oil Tank Interference is \$11,160.00.60

Contract Close Out Final Quantity Adjustments:

Mott MacDonald reconciled all of the unit price items contained with, therefore the Authority will receive a credit of \$21,827.76 for all of the unused items (See Attachment). The following is a summary of this Contract Modification.

CM 01 Additional Work	\$11,160.60
<u>Reconcile As-Built Quantities</u>	<u>(\$21,827.76)</u>
Total Amount for CM No. 1	(\$10,667.16)

The Authority's representatives have reviewed the Contractor's request for this contract modification and feel that the Contractor's request is fair and within industry standards. Therefore, we recommend that the Authority approve this Final Contract



in the amount of \$211,482.84 at their next public meeting. Below summarizes the original and final proposed contract amounts:

Original Contract Amount:	\$222,150.00
<u>CM 01 Total</u>	<u>\$(10,667.16)</u>
Final Contract Amount:	\$211,482.84

If you have any questions or comments, please let me know.

Very Truly Yours,

Mott MacDonald

A handwritten signature in blue ink, appearing to read 'Kevin Wynn', written over a light blue horizontal line.

Kevin P. Wynn, PE, BCEE
Vice President
T 973-912-2537
kevin.wynn@mottmac.com

Attachment

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

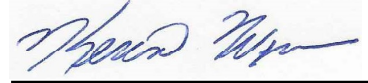
1. ISSUING OFFICE NNSA	2. PROJECT NO. S340952-31	3. CONTRACT NO.	4. MODIFICATION NO. CM-001
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5. TO (CONTRACTOR) JR CRUZ Corp. 675 Line Road #2 Matawan, NJ 07747	6. PROJECT LOCATION AND DESCRIPTION 2018 Green Infrastructure Project, Contract 2 Park Avenue, Union City NJ
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7. A proposal is required for making the hereinafter described change in accordance with specification and drawing revisions cited herein or listed in attachment hereto. Submit your proposal in space indicated on Page 2, attach detailed breakdown of prime and sub-contract costs (See the clause of this contract entitled, "Changes". DO NOT start work under this proposed change until you receive a copy signed by the Contracting Officer or a directive to proceed).

November 8, 2021

Kevin P. Wynn, PE
Vice President, Mott MacDonald



Date

Type Name and Title

Signature

8. DESCRIPTION OF CHANGE: Pursuant to the clause of this contract covering changes, the contractor shall furnish all labour and material, and all work necessary to accomplish the following described work:

This Contract Modification adjusts the Contract Value for costs associated with the following three issues:

1. Rock Excavation
2. Oil Tank Interference
3. Final Quantity Adjustments

As a result of the above, the contract price is revised as follows:

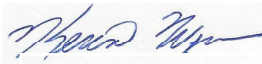
ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ESTIMATED QUANTITY	TOTAL COST
1	Rock Excavation	\$ 9,900.60	1	\$ 9,900.60
2	Oil Tank Interference	\$ 1,260.00	1	\$ 1,260.00
3	Final Quantity Adjustments	\$ (21,827.76)	1	\$ (21,827.76)

TOTAL COST OF THIS MODIFICATION \$ (10,667.16)

The contract time is hereby: increase decrease or remains the same

The foregoing modification is hereby accepted:

<u>JR CRUZ Corp.</u> CONTRACTOR	<u>NNSA</u> OWNER	<u>Mott MacDonald</u> (NJPE SEAL) ENGINEER
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BY: _____	BY:  DATE: <u>November 8, 2021</u>	BY: _____ DATE: _____
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APPROVAL: NA STATE OF NEW JERSEY _____ DATE _____

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

9. ISSUING OFFICE <p style="text-align: center;">NHTSA</p>	10. PROJECT NO. <p style="text-align: center;">S340952-31</p>	11. CONTRACT NO.	12. MODIFICATION NO. <p style="text-align: center;">CM-001</p>
13. CONTRACTOR'S PROPOSAL - CHANGE IN CONTRACT PRICE (Detailed breakdown, attach additional sheets as necessary)			
<p>(Proposed)</p> <p>Refer to Mott MacDonald's letter dated November 8, 2021, inclusive of documentation.</p>			
NET INCREASE <hr/>	NET DECREASE <p style="text-align: center;">\$ 10,667.16</p>	CALENDAR DAYS INCREASE <p style="text-align: center;">0 DAYS</p>	
DATE:	TYPE NAME AND TITLE: David Shamula JR CRUZ Corp.	SIGNATURE:	

CONTRACT MODIFICATION PROPOSAL AND ACCEPTANCE

14. ISSUING OFFICE & PROJECT NO. <p style="text-align: center;">NHSA S340952-31</p>	15. CONTRACT NO.	16. MODIFICATION NO. <p style="text-align: center;">CM-001</p>									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 55%; padding: 2px;">17. ORIGINAL CONTRACT BID PRICE.....</td> <td style="width: 5%; padding: 2px;">\$</td> <td style="width: 40%; padding: 2px; text-align: right;">222,150.00</td> </tr> <tr> <td style="padding: 2px;">TOTAL OF PREVIOUS CHANGE ORDERS.....</td> <td style="padding: 2px;">\$</td> <td style="padding: 2px; text-align: right;">0.00</td> </tr> <tr> <td style="padding: 2px;">TOTAL CONTRACT COST INCLUDING CHANGE ORDERS.....</td> <td style="padding: 2px;">\$</td> <td style="padding: 2px; text-align: right;">211,482.84</td> </tr> </table>			17. ORIGINAL CONTRACT BID PRICE.....	\$	222,150.00	TOTAL OF PREVIOUS CHANGE ORDERS.....	\$	0.00	TOTAL CONTRACT COST INCLUDING CHANGE ORDERS.....	\$	211,482.84
17. ORIGINAL CONTRACT BID PRICE.....	\$	222,150.00									
TOTAL OF PREVIOUS CHANGE ORDERS.....	\$	0.00									
TOTAL CONTRACT COST INCLUDING CHANGE ORDERS.....	\$	211,482.84									
18. NECESSITY FOR CHANGE AND REASON FOR OMISSION FROM PLANS AND SPECIFICATIONS: Refer to Mott MacDonald's letter dated November 8, 2021.											
19. OTHER IMPACTS RESULTANT OF THIS CHANGE: <p style="text-align: center;">NA</p>											
20. RESUME OF NEGOTIATIONS OR RECOMMENDATIONS (Loanee's Representative): <p style="text-align: center;">NA</p>											
DATE:	TYPE NAME AND TITLE OF LOANEE'S REPRESENTATIVE: Fredric J. Pucci, P.E. Authority Engineer	SIGNATURE:									

Rental Agreement

Agreement A83399



Date Out: 07/20/2021 Tue 01:00 PM
 Est. Date In: 07/27/2021 Tue 01:00 PM
 Delivery Date: 07/20/2021 Tue 01:00 PM

Bill to: Customer: 1213720
JRCRUZ CORP.
 675 LINE RD
 MATAWAN, NJ 07747-1246

Jobsite: CPU @ PISCATAWAY
 Contact: DAVID CRUZ
 Phone: 646-831-5381
 CPU @ PISCATAWAY
 855 CENTENNIAL AVENUE
 PISCATAWAY, NJ
 CUSTOMER PICK UP

PO #: NO PO **15027**
 Signed By:
 Order By: DAVE
 Phone: 7322679233

Written By: Patrick Tognio
 Sales Rep: BRETT BARRATT
 Rep Email: BBARRATT@FOLEYINC.COM

QTY	DESCRIPTION	DAY	WEEK	4WEEK
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Rental Items

1	305 MINI-EXCAVATOR ID: MNR00630 SERIAL:0H5M08606 MODEL:305E2	\$546.00	\$1,575.00	\$4,000.00
	HRS OUT: 384.2 HRS ALLOWED: 8/40/160			
1	B6 HAMMER BRACKET FOR 305 ID: RA00599 SERIAL:RA00599A MODEL:B6BRKT305	\$0.00	\$0.00	\$0.00
1	B6 HAMMER SSL/303-308 ID: RA00593 SERIAL:0HA605779 MODEL:B6	\$362.00	\$853.00	\$1,897.00
1	305 - QUICK COUPLER ID: AR01284 SERIAL:2389893-13 MODEL:305CPLHYD			

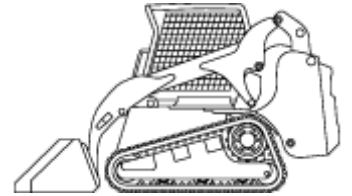
ALL MACHINES ARE DELIVERED FULL OF FUEL.
 A RE-FUELING CHARGE OF 6.95 PER GALLON IS
 APPLICABLE ON RETURN.
 A MINIMUM CLEANING CHARGE OF \$300 WILL APPLY WHEN
 RENTAL EQUIPMENT IS RETURNED OTHER THAN IN THE

Returned on 7-26-21

Rental Rate Blue Book®

Caterpillar 299D (disc. 2016) Compact Track Loaders

Size Class:
2851 - 3200 lbs
Weight:
10898 lbs



Configuration for 299D (disc. 2016)

Operator Protection **ROPS/FOPS** 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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$5,750.00	USD \$1,610.00	USD \$405.00	USD \$61.00	USD \$21.81	USD \$54.48
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2016: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$5,750.00	USD \$1,610.00	USD \$405.00	USD \$61.00	USD \$21.81	USD \$54.48

Non-Active Use Rates

	Hourly
Standby Rate	USD \$16.34
Idling Rate	USD \$41.55

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	38%	USD \$2,185.00/mo
Overhaul (ownership)	50%	USD \$2,875.00/mo
CFC (ownership)	3%	USD \$172.50/mo
Indirect (ownership)	9%	USD \$517.50/mo
Fuel (operating) @ USD 2.53	41%	USD \$8.88/hr

Revised Date: 1st half 2021

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 UTILITY JRCRUZ (mfernandez@jrcruz.com)

Rental Rate Blue Book®

January 21, 2020

Miscellaneous 30DRY

Hand-Held Rock Drills (Jackhammers)

Size Class:

30 - 39 lbs

Weight:

29 lbs



Configuration for 30DRY

Type **Dry** Weight Class **30.0 lbs**

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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	USD \$200.00	USD \$56.00	USD \$14.00	USD \$2.00	USD \$0.70	USD \$1.84
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$200.00	USD \$56.00	USD \$14.00	USD \$2.00	USD \$0.70	USD \$1.84

Non-Active Use Rates

	Hourly
Standby Rate	USD \$0.74
Idling Rate	USD \$1.14

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	54%	USD \$108.00/mo
Overhaul (ownership)	35%	USD \$70.00/mo
CFC (ownership)	5%	USD \$10.00/mo
Indirect (ownership)	6%	USD \$12.00/mo

Fuel cost data is not available for these rates.

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 EVARISTO CRUZ
(jcruz@jrcruz.com)

AED Green Book®

April 12, 2017

Ingersoll Rand JRD50

Hand-Held Rock Drills (Jackhammers)

Size Class:

50 lbs & Over

Weight:

N/A



Configuration for JRD50

AED Rental Rates

These rental rates reflect an average for equipment of this type and size. Rates shown for specific brands or models are provided for convenience only. Rates charged by rental companies for specific brands or models will vary depending on many factors

	Monthly	Weekly	Daily
Published Rates	\$477.00	\$175.00	\$57.00
Adjustments			
Region (New York: 108%)	\$38.16	\$14.00	\$4.56
User Defined			
Rental Rates (100%)	-	-	-
Total:	\$515.16	\$189.00	\$61.56
Date Last Updated: Nov 06, 2016			

Cost = 61.56/8

= \$7.70

The equipment represented in this report has been exclusively prepared for EVARISTO CRUZ (jcruz@jrcruz.com)

Rental Rate Blue Book®

November 9, 2016

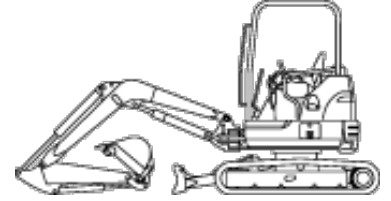
Caterpillar 305 CR (disc. 2006)

Crawler Mounted Compact Excavators

Size Class:

4.1 - 5.0 MTons

Weight:

10,890 lbs.

Configuration for 305 CR (disc. 2006)

Bucket Capacity - Heaped	4.7 cu ft	Power Mode	Diesel
Net Horsepower	42 hp	Operator Protection	EROPS
Operating Weight	4.94 mt		

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	\$2,460.00	\$690.00	\$175.00	\$26.00	\$11.85	\$25.83
Adjustments						
Region (New York: 108%)	\$196.80	\$55.20	\$14.00	\$2.08		
Model Year (100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$2,656.80	\$745.20	\$189.00	\$28.08	\$11.85	\$26.95

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	44%	\$1,082.40/mo
Overhaul (ownership)	36%	\$885.60/mo
CFC (ownership)	8%	\$196.80/mo
Indirect (ownership)	12%	\$295.20/mo
Fuel (operating) @ 2.36	34%	\$4.06/hr

Revised Date: 2nd Half 2016