

Proposed Change Order
City of Needles Well No. 11 Treatment Plant Upgrade Project



WATERWORKS
ENGINEERS

PCO NO.: 1
SUBJECT: Entrance Gate Modifications
FROM: Water Works Engineers
AUTHOR: Joe Riess

DATE REQUESTED: 3/5/2024

TO: City of Needles
Attn: Kathy Raasch
817 Third Street, Needles, CA 92363

760-326-5700 Ext. 130

WORK CHANGE REQUESTED:

Provide reinforced concrete strip with embedded V-track and new v-guide rollers on existing 30-ft wide entrance gate, to replaced the rubber-wheeled roller system. See attached drawing for details.

JUSTIFICATION OR NEED FOR THE CHANGE:

The existing 30-ft wide rolling entrance gate is difficult to open due to missing wheels and the lack of a firm surface for the wheels to roll on. It's not common for a gate of this size to have rubber wheel rollers and to ride across a soft sandy surface. In the event of an emergency when a vehicle would need to access the site, such as an ambulance or fire truck, the current gate would impede entrance to the site. The current gate requires two people to operate.

The more typical style of gate rollers used for a gate of this size and purpose is to use a V-track embedded in the driving surface (i.e. asphalt or concrete). This type of track design is more robust and reliable and could be maintained by periodically brushing away blown-in sand.

PROJECT IMPACT:

COST CHANGE, \$ \$8,206.20

TIME CHANGE, days 1

CONTRACTOR

Pacific Hydrotech Corporation

Eric Christensen

Digitally signed by Eric Christensen
DN: cn=US,
E=echristensen@pachydro.com,
O=Project Manager,
OU=Construction Division, CN=Eric
Christensen
Reason: I am the author of this
document
Date: 2024.03.06 06:47:29 -08'00'

By: _____

Date: _____

ENGINEER

Water Works Engineers, LLC

By: _____

Date: 03/05/2024

Existing 30-ft wide entrance gate with rubber wheel rollers (exterior rollers missing)





December 13, 2023

City of Needles
817 3rd Street
Needles, CA 92363

Project: 1307 River Road - Well 11 Improvements

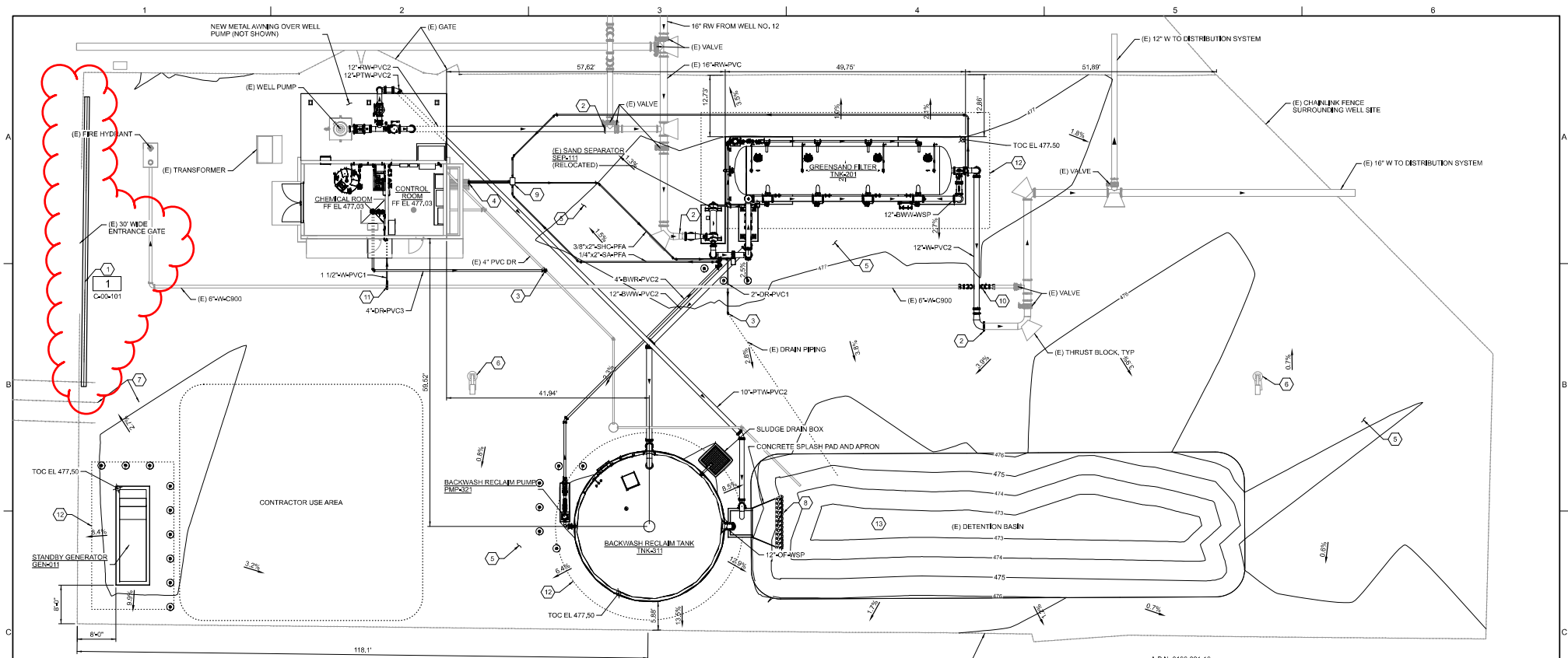
Reference: Concrete gate foundation and track

Dear Kathy,

Find for your review and approval the attached documents for the owner requested addition of 1 – 60 gate track, foundation and accessories. Installations to be completed within the existing project schedule.

Respectfully,

Eric Christensen
Pacific Hydrotech, Inc



GENERAL NOTES

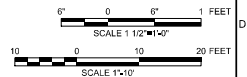
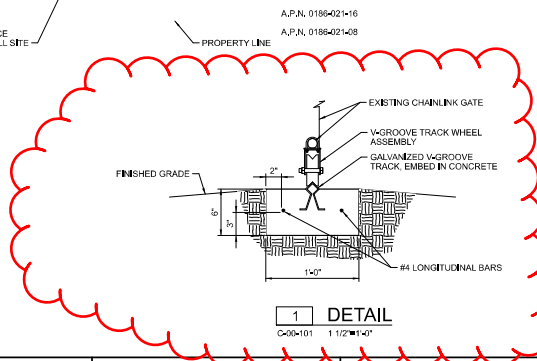
- EXISTING SITE SHOWN WITH ITEMS TO BE DEMOLISHED REMOVED.
- INSTALL ALL BURIED PIPING WITH MIN 3' COVER.
- RESTRAIN ALL JOINTS ON PRESSURIZED PIPING.

KEY NOTES

- INSTALL V-GROOVE TRACK AND NEW METAL WHEEL ASSEMBLIES ON EXISTING 30' WIDE GATE (2 SECTIONS @ 15' EA).
- CONNECT TO EXST PIPING, RESTRAIN ALL JOINTS.
- CONNECT TO EXST DRAIN PIPING, SIZE AND TYPE UNKNOWN, PROVIDE FITTINGS AND ADAPTERS AS NECESSARY TO ADAPT TO HPE SIZE AND MATERIAL.
- CONNECT TO EXST CONDUITS INTO BLDG FOR SHC AND SA PIPING SYSTEMS.
- FOLLOWING DEMOLITION OF FILTER SYSTEM AND TANKS, RECONTOUR AREAS TO PROVIDE UNIFORM SURFACE, EXCAVATED MATERIALS FROM NEW FOUNDATIONS MAY BE USED TO FILL VOIDS REMAINING AFTER DEMOLITION OF EXISTING FOUNDATIONS.
- PROTECT IN PLACE EXST LIGHT POLE.
- PROTECT IN PLACE EXST UTILITY POLE AND GUY WIRE.
- INSTALL GEOTEXTILE AND CALTRANS CLASS I (6-INCH) RRP RAP AT BASE OF CONCRETE APRON.
- 12"x18" HANDHOLE BOX.
- RELOCATE EXST 6" C900 W PIPING.
- 1 1/2" SADDLE TAP ON (E) 6" C900 PIPING.
- OVEREXCAVATE AND RECOMPACT FOR NEW STRUCTURES PER PROJECT GEOTECHNICAL REPORT.
- RECONTOUR EXISTING DETENTION BASIN AFTER EXISTING LINER IS DEMOLISHED.



PLAN
1"=10'



VERIFY SCALE	NO	DATE	REVISION	BY	APVD
BAR IS ONE INCH ON ORIGINAL DRAWING.					
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.					



DESIGN J. RISS
DRAWN J. RISS
CHECKED J. RISS
APPROVED J. RISS



CITY OF NEEDLES
WELL 11 TREATMENT PROJECT
NEEDLES, CALIFORNIA

CIVIL
SITE PLAN

DATE SEPTEMBER 2023
PROJECT NO. 22-107
DRAWING NO. C-00-101
SHEET NO. 12

FILENAME: L:\CAD\Projects\22-107 Needles Well 11 Treatment Plant Upgrade\07 Drawings\22-107D-C-00-101.dgn

PLOT DATE: 9/8/2023

PLOT TIME: 9:35:43 AM

EQUIPMENT	Hours	Rate	Total
Service Truck - NC			\$ -
Backhoe	2.0	76.25	\$ 152.50
Rammer	4.0	15.00	\$ 60.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subtotal			\$ 212.50
15% Mark Up		15%	\$ 31.88
Total Cost			\$ 244.38
MATERIAL	Qty.	Cost	Total
Concrete	2.0	432.50	\$ 865.01
2 x 6 Form Material	120.0	1.00	\$ 120.00
#4 - Rebar/Will Call	120.0	2.39	\$ 286.80
Fab Track	1.0	2705.60	\$ 2,705.60
Will Call	1.0	150.00	\$ 150.00
Wheel Assembly	2.0	125.00	\$ 250.00
Subtotal			\$ 4,377.41
15% Markup		15%	\$ 656.61
Total Cost			\$ 5,034.02
SUBCONTRACT	Unit	Cost	Total
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subtotal			\$ -
5% Markup		5%	\$ -
Total Cost			\$ -

LABOR	Hours	Rate	Total
Layout	2.00	82.58	\$ 165.16
Excavate/Compact	6.00	82.58	\$ 495.48
Formset/Set Track	6.00	82.58	\$ 495.48
Place Rebar	2.00	82.58	\$ 165.16
Place and Finish	6.00	82.58	\$ 495.48
Strip	2.00	82.58	\$ 165.16
Hotel	3.00	188.00	\$ 564.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
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			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
Subtotal			\$ 2,545.92
15% Mark Up			15% \$ 381.89
Total Cost			\$ 2,927.81

Equipment Total Cost		\$	244.38
Material Total Cost		\$	5,034.02
Subcontracts Total Cost		\$	-
Labor Total Cost		\$	2,927.81
Subtotal		\$	8,206.20
Bond	0%	\$	-
Insurance	0%	\$	-
TOTAL COSTS		\$	8,206.20



An official website of the United States government



U.S. General Services Administration

FY 2024 Per Diem Rates for California

Daily lodging rates (excluding taxes) | October 2023 - September 2024

Cities not appearing below may be located within a county for which rates are listed. To determine the county a destination is located in, visit the [Census Geocoder](#).

Primary Destination	County	2023 Oct	Nov	Dec	2024 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Antioch / Brentwood / Concord	Contra Costa	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165	\$165
Bakersfield / Ridgecrest	Kern	\$129	\$129	\$129	\$129	\$129	\$129	\$129	\$129	\$129	\$129	\$129	\$129
Barstow / Ontario / Victorville	San Bernardino	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124
Death Valley	Inyo / NAWS China Lake	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140	\$140
Eureka / Arcata / McKinleyville	Humboldt	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$173	\$173	\$173	\$124
Fresno	Fresno	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124	\$124
Los Angeles	Los Angeles / Orange / Ventura / Edwards AFB less the city of Santa Monica	\$183	\$169	\$169	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183
Mammoth Lakes	Mono	\$142	\$142	\$178	\$178	\$178	\$178	\$178	\$178	\$178	\$142	\$142	\$142
Mill Valley / San Rafael / Novato	Marin	\$189	\$166	\$166	\$166	\$166	\$166	\$166	\$166	\$189	\$189	\$189	\$189
Monterey	Monterey	\$184	\$184	\$184	\$184	\$184	\$184	\$184	\$184	\$251	\$251	\$251	\$184

Meals & Incidentals (M&IE) rates and breakdown ⁱ

Use this table to find the following information for federal employee travel:

M&IE Total - the full daily amount received for a single calendar day of travel when that day is neither the first nor last day of travel.

Breakfast, lunch, dinner, incidentals - Separate amounts for meals and incidentals. M&IE Total = Breakfast + Lunch + Dinner + Incidentals. Sometimes meal amounts must be deducted from trip voucher.

[See More Information](#)

First & last day of travel - amount received on the first and last day of travel and equals 75% of total M&IE.

Primary Destination ⁱ	County ⁱ	M&IE Total	Continental Breakfast/Breakfast	Lunch	Dinner	Incidental Expenses	First & Last Day of Travel ⁱ
Antioch / Brentwood / Concord	Contra Costa	\$74	\$17	\$18	\$34	\$5	\$55.50
Bakersfield / Ridgecrest	Kern	\$64	\$14	\$16	\$29	\$5	\$48.00
Barstow / Ontario / Victorville	San Bernardino	\$64	\$14	\$16	\$29	\$5	\$48.00
Death Valley	Inyo / NAWS China Lake	\$69	\$16	\$17	\$31	\$5	\$51.75
Eureka / Arcata / McKinleyville	Humboldt	\$69	\$16	\$17	\$31	\$5	\$51.75
Fresno	Fresno	\$69	\$16	\$17	\$31	\$5	\$51.75
Los Angeles	Los Angeles / Orange / Ventura / Edwards AFB less the city of Santa Monica	\$74	\$17	\$18	\$34	\$5	\$55.50
Mammoth Lakes	Mono	\$79	\$18	\$20	\$36	\$5	\$59.25
Mill Valley / San Rafael / Novato	Marin	\$74	\$17	\$18	\$34	\$5	\$55.50
Monterey	Monterey	\$74	\$17	\$18	\$34	\$5	\$55.50

Additional Per Diem Topics

Need more information?

Related topics

- [Travel Resources](#)

CITY TOOL WORKS INC.

1250 E. ONTARIO BLVD

ONTARIO, CA 91761

Phone # (909) 923-8080

Fax # (909) 923-4330

sales@citytoolworks.com

www.CityToolWorksInc.com

Quote

Date 12/11/2023

Estimate # 10786UCP

Project C2228 Grooved Gate

Quoted by Bill

Customer Name & Address

Pacific Hydro
314 E. 3rd St.
Perris, CA 92570

Qty	Description	Price Each	Total
3	GROOVED GATE RAILS X 20' 0" PER DRAWING, H.D.G. ESTIMATED LEAD TIME 13- 15 BUSINESS DAYS	837.00	2,511.00T
Sales Tax (7.75%)			\$194.60
Total			\$2,705.60



Acknowledgement 0041350404

Customer PO # ERIC

SELLER: CEMEX Construction Materials South, LLC

Valid from: 08/08/2023

Valid to: 12/31/2023

Sales Office: Bullhead

Sales Employee: Tonja Frederickson

Terms of Sale: 1% 15th, net 20th

Delivery Terms: Delivered

Customer Job #:

P O BOX 1585

BULLHEAD CITY, AZ

928-763-1022

928-763-1942 (fax)

Prepared for: 0003035752

PACIFIC HYDROTECH CORPORATION

314 E 3RD ST

PERRIS CA 92570-2225

USA

Ship To: 0050379812

PACIFIC HYDROTECH CORPORATION

C2228 CITY OF NEEDLES

NEEDLES CA 92363

USA

Bill To: 0003035752

PACIFIC HYDROTECH CORPORATION

314 E 3RD ST

PERRIS CA 92570-2225

USA

Project Name: AB-219 C2228-CITY OF NEEDL

WE ACKNOWLEDGE RECEIPT OF YOUR ORDER FOR THE ITEMS LISTED BELOW, AT THE PRICES STATED IN OUR QUOTATION. YOUR ORDER IS ACCEPTED BASED SOLELY ON THE ORDER CONFIRMATION STANDARD TERMS AND CONDITIONS, WHICH SHALL CONTROL AND TAKE PRECEDENCE OVER ANY TERMS AND CONDITIONS TO THE CONTRARY CONTAINED IN YOUR PURCHASE ORDER, WHICH ARE HEREBY EXPRESSLY REJECTED.

Transmittal Message:

Due to extended travel/placement time, Cemex requests the incorporation of a hydration stabilizer (W.R., Grace Recover) be added to the concrete allowing the delivery/placement time to be extended based on customer's requirements.

****If trial batching is required additional cost will be charged at a rate of \$2500.00 per mix design and will a minimum time of 65days.**

***** AB-219 SET-UP FEE \$2000.00 AND PER TRUCK LOAD FEE OF \$200.00 PER TRUCK LOAD**

*****EXCELLORATORS ARE POSSIBLE 12/31/23 \$15.00 PER YARD, AND EVERY 6 MONTHS THERE AFTER.**

Time

RM = Allow 6 min per yard to unload, then \$2.00 min/thereafter

Short Load Delivery Charges Per Load

RM: LESS THAN 6 YARDS DUE TO TRAVEL TIME WILL BE \$300.00 PER TRUCK LOAD

*****There will be a fuel surcharge on all delivered loads. The charge will be on a sliding scales adjusted monthly based on fuel price according to WEST COAST PADD 5 (Diesel)**

Environmental fee per truck load \$15.00

Temperature Control:

Available upon request:

Chilly Water \$2.00 per yard

Entered by: TLFRED

Document date: 08/08/2023



Acknowledgement 0041350404

Customer PO # ERIC

Prepared for:
PACIFIC HYDROTECH CORPORATION

ICE Per LBS \$.40
Summer Set 1 (15 - 30 mins) \$4.50 per yard
Summer Set 2 (30 - 45 mins) \$4.75 per yard
Summer Set 3 (45 - 60 mins) \$5.00 per yard
Summer Set 4 (60 - 90 mins) \$5.25 per yard
Summer Set 5 (2 - 2.5 Hours) \$5.50 per yard

Winter Set 1 \$4.50 per yard
Winter Set 2 \$7.50 per yard
Winter Set 3 \$9.00 per yard

All others call for pricing.

Admixtures:
Accelerator will be added separately as needed.

Retarder will be added separately as needed.

Fibers:
Available upon request at an additional charge call for pricing.

Euclid Fiberstrand 150-1/4 \$7.00 per lbs
Tuf Strand SF \$21.00 per 3 lbs
Stealth Fiber 3/4 Monofmt \$7.50 per lbs
Fibrillated 3/4 & 1-1/2 \$7.00 per 1.5 lbs

Miscellaneous:
Seller reserves the right to (i) increase prices on any quotes or accepted orders without notice to reflect any raw material cost increases or surcharges incurred by Seller and (ii) defer or cancel any quotes or accepted orders in the event Seller becomes delayed or prevented from performing due to shortages or allocations of raw materials. In the event of a delay or cancellation resulting from shortages or allocations of raw materials, Seller shall not be liable to Buyer for any damages incurred by Buyer as a result of any such delay or cancellation.

General:
Saturday Service \$4.00 per yard.
Prices quoted do not include Sunday or Holiday shipments, nor does it include any off-hour or overtime shipments. This quote applies to only our regular single-shift. Additional plant opening FEE \$2500.00 charge will apply for deliveries or pick-ups outside of regular shift approximately 6:00am to 4:00pm Monday # Friday.

Sales Tax:
Sales tax will be added to invoice if no tax exemption form received at the time of invoicing the material. Arizona Mining Tax will apply at a rate of 3.281% on all shipments crossing state lines.

Item	QTY	Material	Description	Price	Per UOM	Total
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Entered by: TLJFRED

Document date: 08/08/2023



Acknowledgement 0041350404

Customer PO # ERIC

Prepared for:
PACIFIC HYDROTECH CORPORATION

10	100.000 YD3	1624436	4500,AIR,EXT TRAVEL FLOW	163.00	1 YD3	16,300.00
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*This mix has 5% over spec on Ash & 274BS over cementitious

Acknowledgement Total 16,300.00

SALES TAX NOT INCLUDED

Accepted this _____ day of _____ 2023
upon Seller's attached Standard Terms and Conditions.

Firm: _____

Signature: _____

Print Name: _____

Title: _____

TAX EXEMPT _____ **YES** _____ **NO**

STANDARD TERMS AND CONDITIONS

Entire Agreement. The terms and conditions contained in this Order Confirmation ("Order Confirmation") shall constitute the entire Agreement ("Agreement") between the parties pertaining to the subject matter of this Order Confirmation. This Agreement incorporates herein by reference Buyer's previously executed Credit Application, if any, the Seller's Standard Terms and Conditions, and Seller's Quotation, as if fully set forth herein. This Agreement supersedes any and all prior or contemporaneous oral or written agreements between the parties with regard to the subject matter hereof.

Signature. In the event Buyer should fail to sign and return to Seller a copy of this Order Confirmation, acceptance of the Standard Terms and Conditions set forth herein shall be deemed to have been made by Seller supplying any portion of the Materials described herein.