

**REPORT OF GENERAL MANAGER
OF CHANGE ORDERS TO SPECIFICATIONS**

December 11, 2019

SPECIFICATION NUMBER	CHANGE ORDER NUMBER	DAYS ADDED	AMOUNT	JOB DESCRIPTION / CONTRACTOR
1197S	#028	0 DAYS	\$200,913.44	TVRWRF 23 MGD Expansion Archer Western Construction, LLC
1286W	#007	0 DAYS	\$15,854.48	Pump Electrification (Phase 1) J R Filanc Construction Company Inc.
1304S	#011	13 DAYS	\$30,577.93	Sun City Lift Station Electrical Upgrades Schuler Constructors, Inc.
1329	#002	0 DAYS	\$31,301.68	OMC Laboratory Modification Project Tovey/Schultz Construction, Inc.
1338W	#005	0 DAYS	\$610,065.31	Perris II Desalination Facility Kiewit Infrastructure West Company
1345	#006	22 DAYS	\$114,537.23	Solar Renewable Energy Initiative - Phase 3 Site Preparation Construction Sukut Construction, LLC.
1345	#007	10 DAYS	\$52,279.01	Solar Renewable Energy Initiative - Phase 3 Site Preparation Construction Sukut Construction, LLC.
1359S	#001	0 DAYS	\$13,898.03	MVRWRF TEPS MCC Replacement Big Sky Electric, Inc.
1359S	#002	0 DAYS	(\$80,227.19)	MVRWRF TEPS MCC Replacement Big Sky Electric, Inc.

* Field Order

Eastern Municipal Water District

Spec No. 1197S - TVRWRF 23 MGD Expansion

Change Order – No. 00028

To: Archer Western Construction, LLC
9915 Mira Mesa Blvd., Suite 230
San Diego, CA 92131

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 469069

Attn: Blayne Goodman

Date: Friday, September 13, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

28A	CLAIMS RESOLUTION	ADD	\$200,913.44
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Due to the TEPS Flooding issue that occurred on 14Feb19, an insurance claim for the damage has been created to capture all costs related to the issue. The Contractor has submitted the third request for compensation that covers extended overhead for the general contractor (Archer Western), extended overhead for the electrical subcontractor (Southern Electrical) from July 15th to August 16th. Additionally the total requested also includes costs for removing the existing gear and installing the new electrical gear inside the TEPS Electrical Building.

The District's insurance adjuster has reviewed the costs and through negotiations with the Contractor, all parties agree to compensation in the amount of \$200,913.44.

Total costs submitted to date are \$1,283,933.99.

REF: COR/COE No. 0192.2

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$200,913.44

SML:vw

TOTAL	\$200,913.44
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EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 9-17-19

The Original Contract Sum was	\$71,967,659.00
Net Change by Previously Authorized PCO's and Change Order's is	\$5,790,940.45
The Contract Sum Prior to This Change Order was	\$77,758,599.45
The Contract Sum will be Increased by this Change Order.....	\$200,913.44
The New Contract Sum including this Change Order is	\$77,959,512.89
This Change Order Does Not Change the Contract Time.....	
The Completion Date as of this Change Order therefore is	6/8/2019
<hr/>	
Additive CO/PCO/BCO line items to date	\$6,900,959.64
Deductive CO/PCO/BCO line items to date:	(\$909,105.75)
Net Percent Change of All CO/PCO/BCO's to Date:.....	8.33%

Eastern Municipal Water District

Spec No. 1197S - TVRWRF 23 MGD Expansion

Change Order – No. 00028

Archer Western Construction, LLC

I certify agreement with this Change Order

I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: [Signature]
By: Kyle D. Jones BGL

Date: 9/26/19

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: [Signature]
By: Paul D. Jones II, P. E., General Manager

Date: 10/2/19

Funding Source CO # 469069

CA: [Signature]
PM: _____
DFE: [Signature]
DE: _____
DGM: [Signature]
GM: [Signature]

Date: 09/13/2019
Date: _____
Date: 09/13/2019
Date: _____
Date: 9.17.19.
Date: 9.18.19

Eastern Municipal Water District

Spec No. 1286W - Pump Electrification (Phase 1)

Change Order – No. 00007

RECEIVED

OCT 18 2019

FILANC CONSTRUCTION

Page 1 of 2

To: J R Filanc Const Co., Inc.
740 North Andreasen Drive
Escondido, CA 92029

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

Attn: Gary Silverman

W.O./C.O.: 470804
Date: Monday, October 14, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

7A REQUESTED BY DISTRICT **ADD** \$15,854.48

Payment for work to provide terminal blocks, relays and wiring necessary to complete termination of signal wiring at interface with District provided RTU panel.
Ref. COR/COE No. 008

PAYMENT TO BE AT THE PRE-NEGOTIATED AMOUNT OF \$15,854.48.

KR:jrm

TOTAL **\$15,854.48**

EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 10-16-19

The Original Contract Sum was	\$3,581,376.00
Net Change by Previously Authorized PCO's and Change Order's is	\$235,610.94
The Contract Sum Prior to This Change Order was	\$3,816,986.94
The Contract Sum will be Increased by this Change Order.....	\$15,854.48
The New Contract Sum including this Change Order is	\$3,832,841.42
This Change Order Does Not Change the Contract Time.....	
The Completion Date as of this Change Order therefore is	9/19/2019
<hr/>	
Additive CO/PCO/BCO line items to date	\$278,454.62
Deductive CO/PCO/BCO line items to date:	(\$26,989.20)
Net Percent Change of All CO/PCO/BCO's to Date:.....	7.02%

Eastern Municipal Water District

Spec No. 1286W - Pump Electrification (Phase 1)

Change Order – No. 00007

J R Filane Const Co., Inc.

I certify agreement with this Change Order

I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: _____

By: _____

Date: 10/19/2019

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: _____

By: Paul D. Jones II, P. E., General Manager

Date: 10/23/19

Funding Source CO # 470804

CA: _____

PM: _____

DFE: _____

DE: _____

DGM: _____

GM: _____

Date: 10/19/19

Date: 10/16/2019

Date: 10/12/2019

Date: _____

Date: _____

Date: _____

Eastern Municipal Water District

Spec No. 1304S - Sun City LS Electrical Upgrades

Change Order – No. 00011

Page 1 of 3

To: Schuler Constructors, Inc
1760 Chicago Avenue, Unit J-15
Riverside, CA 92507

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 470947

Attn: Brian D. Sohl

Date: Wednesday, October 16, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

11A REQUESTED BY DISTRICT **ADD** **\$22,000.00**

Per District direction, the Contractor initiated the procurement of seven (7) 600 Amp breakers (GFI type) per response to RFI 039. In addition, the Contractor later incurred costs associated with revisions to the Arc Flash / coordination study to accommodate the District requested current transformers (CT's), per RFI 039.1. Breakers without the ground fault protection feature were installed as the Contract documents didn't specifically indicate this requirement. Due to the potential cost impacts, the District subsequently (on 6/14/19) opted to provide ground fault protection at the Main Distribution Switchboard by installing CT's.

Contractor's total estimated cost to stop production of the requested breakers and to complete coordination study revisions is \$24,618.85. In accordance with COR/COE 021, the total amount of \$22,000.00 has been approved.

REF: COR/COE 021; RFIs 039 and 039.1

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$22,000.00.

11B DESIGN OMISSIONS **ADD** **\$4,466.22**

Prior to start-up of the existing odor control system and the new electrical system, the Contractor was directed to troubleshoot high temp signals, rewire VFDs (total of two), rewire control relays to accommodate normally closed contacts, rewire RTU cabinet to use 24V power supply for eyewash switches and to complete record drawings. This work was completed on a time and material basis on 8/13, 8/14 and 8/21. Per COR/COE 022, the total amount of \$4,466.22 has been approved to complete this extra work.

REF: COR/COE 022

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$4,466.22.

11C DESIGN OMISSIONS **ADD** **\$4,111.71**

Contractor completed extra work related to the demolition of the existing electrical housekeeping pad along the south wall of the Electrical Room. Record drawings indicated that the existing pad (34'x2.5'x3") wasn't poured monolithically, but field conditions revealed that it was. District staff confirmed the extra efforts by the demolition subcontractor to complete the removal per Contract.

REF: COR/COE 023

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$4,111.71.

Eastern Municipal Water District

Spec No. 1304S - Sun City LS Electrical Upgrades

Change Order – No. 00011

11D CONTRACT TIME EXTENSION

Thirteen (13) non-compensatory calendar days shall be added to the Contract to address the following:

Ten (10) calendar days to complete extra work related to item 11A.

Two (2) calendar days to complete extra work related to item 11B.

One (1) calendar day to complete extra work related to item 11C.

REF: COR/COE 021, 022, 023

NO COST LINE ITEM.

AV:jl

TOTAL \$30,577.93

EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 10-16-17

The Original Contract Sum was	\$2,438,535.00
Net Change by Previously Authorized PCO's and Change Order's is	\$37,537.43
The Contract Sum Prior to This Change Order was	\$2,476,072.43
The Contract Sum will be Increased by this Change Order.....	\$30,577.93
The New Contract Sum including this Change Order is	\$2,506,650.36
This Change Order Increases the Contract Time by.....	13 days
The Completion Date as of this Change Order therefore is	10/31/2019
Additive CO/PCO/BCO line items to date	\$108,115.36
Deductive CO/PCO/BCO line items to date:	(\$40,000.00)
Net Percent Change of All CO/PCO/BCO's to Date:.....	2.79%

Eastern Municipal Water District

Spec No. 1304S - Sun City LS Electrical Upgrades

Change Order – No. 00011

Schuler Constructors, Inc

I certify agreement with this Change Order

I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: _____
By: _____

Date: 10/25/19

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: _____
By: Paul D. Jones II, P. E., General Manager

Date: 10/31/19

Funding Source CO # 470947

CA: AJ
PM: SJS
DFE: BKM
DE: _____
DGM: N.B.
GM: [Signature]

Date: 10/16/19
Date: 10/16/19
Date: 10/16/2019
Date: _____
Date: 10.17.19.
Date: 10.21.19

Eastern Municipal Water District

Spec No. 1329 - OMC Laboratory Modification Project

Change Order – No. 00002

Page 1 of 4

To: Tovey/Shultz Construction, Inc.
18261 Collier Avenue
Unit A
Lake Elsinore, CA 92530

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 471988
Date: Tuesday, October 15, 2019

Attn: Derrick Tovey

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

2A	REQUESTED BY DISTRICT	ADD	\$1,728.22
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Concrete demolition was required to remove the existing slab on grade and install revised underground plumbing. While the perimeter/temporary construction wall assisted with noise suppression, the noise to remove the concrete was overbearing to the O&M wing of the District headquarters. The work was stopped and the Contractor was advised to restart their activities in the night-time or after-hours. Contractor had a difficult time staying on schedule and incurred costs for night-time rates once the demolition crews could return to the site. The District finds the Contractor's price in the amount of \$1,728.22 to be acceptable. It is agreed that there was a delay with this stoppage of work and the Contractor will work to stay on schedule. If the delay cannot be absorbed, the item will be revisited at the end of the project.

REF: COR/COE No. 007

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$1,728.22

2B	DESIGN OMISSIONS	ADD	\$665.12
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The new autoclave model requires higher amps than originally designed. The original 30A circuit for the Market Forge autoclave required an upgrade to a 60A circuit. Contractor provided a cost in the amount of \$1,031.62 for the work associated with the upgrade. Through a review and negotiations, all parties agree to a final revised price in the amount of \$665.12 for the work.

REF: COP/COE No. 008

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$665.12

2C	REQUESTED BY CONTRACTOR	ADD	\$5,176.03
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The design incorporated the location for a future air handler unit outside of the lab west wall. While most of the design for the unit was left ambiguous so that the Contractor could provide any number of units that met the specifications, a location for a drain connection should've been provided. Work was performed on time and materials to locate an appropriate drain so that all condensate water could be properly disposed. Not until after a considerable amount of exploratory work could be performed was the issue remedied by connecting the future condensate drain to the interior acid waste drain. The District finds the Contractor's price in the amount of \$5,176.03 to be acceptable for this design omission.

REF: COR/COE No. 009

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$5,176.03

Eastern Municipal Water District

Spec No. 1329 - OMC Laboratory Modification Project

Change Order – No. 00002

Page 2 of 4

2D	REQUESTED BY CONTRACTOR	ADD	\$1,045.35
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Once excavation to locate the tie-in for the new acid waste line in the Metals Lab was completed, it was found that the existing plumbing had negative fall and would not drain properly. Contractor was directed to hand excavate a few feet in an attempt to readjust the existing piping so that positive fall could be achieved. Work was completed on time and materials in substantial conformance. District finds the Contractor's price in the amount of \$1,045.35 to be acceptable for this unforeseen condition.

REF: COR/COE No. 010

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$1,045.35

2E	DESIGN OMISSIONS	ADD	\$13,643.33
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The Contract documents were silent on the size and location of the supply duct wall penetration required for the new air handler which was to be installed outside of the laboratory. Contractor requested additional information via RFI No. 029 which determined the location along with structural support members required to hold the structural wall in place, all of which were a change to the Contract. Contractor submitted a cost after completing the work in the amount of \$14,869.27. After negotiations, all parties agree to a revised final amount of \$13,643.33.

REF: RFI No. 029, COR/COE No. 011 & 011.1

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$13,643.33

2F	DESIGN OMISSIONS	ADD	\$1,758.50
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No fire detection devices within the new lab were identified within the design, save for a pull station at door 111, heat detectors within mechanical room 112 and electrical/network room 113. The existing lab fire alarm system was comprised of 2 duct detectors. For safety purposes, it was advised to furnish and install the duct detectors as detailed within RFI No. 021. District finds the Contractor's price of \$1,758.50 to be acceptable for this omission.

REF: RFI No. 021, COP/COE No. 012

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$1,758.50

2G	CHANGED SITE CONDITIONS	ADD	\$4,530.86
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After removal of the existing cabinetry and installation of the interior plumbing, many sections of drywall were found to be compromised and requiring repair. Sections of drywall were found to have had holes, tears, and stains that required repairs prior to further work continuing. Contractor was directed to proceed on time and materials to replace the sections identified. The District finds the Contractor's price in the amount of \$4,530.86 to be acceptable for this unforeseen condition.

REF: COR/COE No. 013

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$4,530.86

Eastern Municipal Water District

Spec No. 1329 - OMC Laboratory Modification Project

Change Order – No. 00002

2H	CHANGED SITE CONDITIONS	ADD	\$1,249.37
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The Contract required the reuse of five (5) existing Phoenix Control Valves as part of the new HVAC system. While installing the controls upgrade kits to the noted existing valves, issues were identified where the valves would not permit a full range of operation. Due to the projected short life span and their ultimate location within the new Laboratory build, repair or replacement was required. The District reviewed the costs for replacement and opted for a rebuild of each valve, which would extend the service life of each valve and save considerable money/time on the Contract. Contractor completed this work on time and materials. The District finds the Contractor's price in the amount of \$1,249.37 to be acceptable in order to remedy this issue.

REF: RFI No. 035, COR/COE No. 014

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$1,249.37

2I	DESIGN OMISSIONS	ADD	\$1,504.90
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Through RFI No. 031, the wall between the Electric/Network Room #133 and Mechanical Room #112 required modifications in order to prevent obstructions with existing piping and utilities. Not originally taken into consideration, the lab gas line which is a regulated natural gas was not addressed in the configuration. The existing line passes through Room #113 and would place the line within the future Electrical Room. It was agreed that this would create a safety hazard and the line must be relocated. Contractor was directed to proceed on time and materials to relocate the existing line accordingly. The District finds the Contractor's price in the amount of \$1,504.90 to be acceptable for this design omission.

REF: RFI No. 031, COR/COE No. 015

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$1,504.90

SML:vw

TOTAL	\$31,301.68
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EASTERN MUNICIPAL WATER DISTRICT

Signed 
 By: Joe Moulawad, P.E.
 Asst. General Manager, Planning, Engineering and Construction

Date: 10-22-19

The Original Contract Sum was	\$2,744,048.00
Net Change by Previously Authorized PCO's and Change Order's is	\$44,956.63
The Contract Sum Prior to This Change Order was	\$2,789,004.63
The Contract Sum will be Increased by this Change Order.....	\$31,301.68
The New Contract Sum including this Change Order is	\$2,820,306.31
This Change Order Does Not Change the Contract Time.....	

Eastern Municipal Water District

Spec No. 1329 - OMC Laboratory Modification Project

Change Order – No. 00002

Page 4 of 4

The Completion Date as of this Change Order therefore is	11/18/2019
Additive CO/PCO/BCO line items to date	\$76,258.31
Deductive CO/PCO/BCO line items to date:	\$0.00
Net Percent Change of All CO/PCO/BCO's to Date:.....	2.78%

Tovey/Shultz Construction, Inc.

- I certify agreement with this Change Order
- I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: [Signature] Date: 10-25-19
 By: _____

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: [Signature] Date: 10-28-19
 By: Paul D. Jones II, P. E., General Manager

Funding Source	CO #	471988	CA:	<u>SMC</u>	Date:	<u>10/5/2019</u>
			PM:	<u>EIS</u>	Date:	<u>10/16/2019</u>
			DFE:	<u>BSM</u>	Date:	<u>10/15/2019</u>
			DE:	_____	Date:	_____
			DGM:	<u>N.E.</u>	Date:	<u>10-22-19</u>
			GM:	<u>[Signature]</u>	Date:	<u>10-25-19</u>

Eastern Municipal Water District

Spec No. 1338W - Perris II Desalination Facility

Change Order – No. 00005

To: Kiewit Infrastructure West Co.
10704 Shoemaker Ave.
Santa Fe Springs, CA 90670

From: Eastern Municipal Water District-CA
P O Box 8300
Perris, CA 92572

W.O./C.O.: 472168

Attn: Mike Sippl

Date: Wednesday, September 18, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

5A	DESIGN ERRORS	ADD	\$581,789.29
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Post bid, the District distributed revisions to the conformed Contract drawings via RFI 021. These revisions addressed typical structural details as well as specific structural changes to the Reverse Osmosis (RO) Transfer Pump Station, Process Building, Chlorine Contact Tank and Finish Water Pump Station. It is acknowledged that the nature of these changes are critical to the integrity of these structures and cannot be omitted or deferred.

The Contractor's initial proposal amount was \$848,148.00 to implement the revisions, but was revised to \$619,229.04 after preliminary negotiations. The District then reviewed the Contractor's proposal in detail, prepared an independent cost evaluation and collaborated with the design engineer. Negotiations were once again initiated and through this process the total amount of \$581,789.29 was agreed upon in principal with no additional Contract time required.

REF: COP/COE 005, RFI 021

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$581,789.29.

5B	REQUESTED BY DISTRICT	ADD	\$28,276.02
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In accordance with several RFI responses, the District has revised the proposed waterstop size and installation locations as it relates to Forebay and Chlorine Contact Tank. After initial review of the Contractor's estimate, an independent cost estimate was prepared. Quantities and unit costs for each structure were negotiated and agreed upon with the Contractor. No additional Contract time is required.

REF: COP/COE 008

PAYMENT TO BE AT A PRE-NEGOTIATED PRICE OF \$28,276.02.

AV:jl

TOTAL	\$610,065.31
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EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 9-20-19

Eastern Municipal Water District

Spec No. 1338W - Perris II Desalination Facility


Change Order – No. 00005

Page 2 of 2

The Original Contract Sum was	\$49,994,000.00
Net Change by Previously Authorized PCO's and Change Order's is	\$495,300.82
The Contract Sum Prior to This Change Order was	\$50,489,300.82
The Contract Sum will be Increased by this Change Order.....	\$610,065.31
The New Contract Sum including this Change Order is	\$51,099,366.13
This Change Order Does Not Change the Contract Time.....	
The Completion Date as of this Change Order therefore is	3/31/2021
<hr/>	
Additive CO/PCO/BCO line items to date	\$1,105,366.13
Deductive CO/PCO/BCO line items to date:	\$0.00
Net Percent Change of All CO/PCO/BCO's to Date:.....	2.21%

Kiewit Infrastructure West Co.

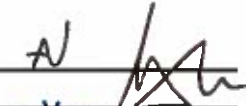
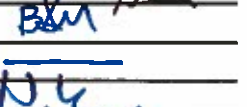

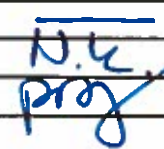

- I certify agreement with this Change Order
- I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed:  Mike Sped - Project Manager Date: 9/27/19
 By: _____

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed:  Date: 10/2/19
 for By: Paul D. Jones II, P. E., General Manager

Funding Source _____ CO # 472168

CA:	<u></u>	Date:	<u>9/18/19</u>
PM:	<u></u>	Date:	<u>09.19.2019</u>
DFE:	<u></u>	Date:	<u>09/18/2019</u>
DE:	<u>_____</u>	Date:	<u>_____</u>
DGM:	<u></u>	Date:	<u>9.23.19</u>
GM:	<u></u>	Date:	<u>9.23.19</u>

Eastern Municipal Water District

Spec No. 1345 - Solar Renewable PH 3 Site Prep

Change Order – No. 00006

To: Sukut Construction, LLC.
4010 W. Chandler Avenue
Santa Ana, CA 92704

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 472434

Attn: Eric Gruenewald

Date: Monday, September 9, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

6A	CHANGED SITE CONDITIONS	ADD	\$114,537.23
	Provide labor, equipment, and materials for the revised 4-PW and 12-SE pipeline installation contained within COP No. 001.		
	REF: COP/COE No. 001		
	PAYMENT TO BE AT THE PRE-NEGOTIATED AMOUNT OF \$114,537.23		
6B	CONTRACT TIME EXTENSION		\$0.00
	Add twenty-two (22) calendar days to the SJVRWRF NEM 2.0 site and Contract durations for work related to line 6A.		
	REF: COP/COE No. 001		
	NO COST CONTRACT TIME EXTENSION		
	DW:ma		
	TOTAL		\$114,537.23

EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 9-20-19

The Original Contract Sum was	\$7,378,000.00
Net Change by Previously Authorized PCOs and Change Orders is	\$208,607.70
The Contract Sum Prior to This Change Order was	\$7,586,607.70
The Contract Sum will be Increased by this Change Order.....	\$114,537.23
The New Contract Sum including this Change Order is	\$7,701,144.93
This Change Order Increases the Contract Time by.....	22 days
The Completion Date as of this Change Order therefore is	2/11/2020
Additive CO/PCO/BCO line items to date	\$338,999.11
Deductive CO/PCO/BCO line items to date:	(\$15,854.18)
Net Percent Change of All CO/PCO/BCO's to Date:.....	4.38%

Eastern Municipal Water District

Spec No. 1345 - Solar Renewable PH 3 Site Prep

Change Order – No. 00006

Sukut Construction, LLC.

- I certify agreement with this Change Order
- I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: [Signature] Date: 10-10-19
 By: _____

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: [Signature] Date: 10/16/19
 By: Paul D. Jones II, P. E., General Manager

Funding Source _____ CO # 472434

CA:	<u>[Signature]</u>	Date:	<u>9/9/19</u>
PM:	<u>[Signature]</u>	Date:	<u>09-10-2019</u>
DFE:	<u>BAM</u>	Date:	<u>09/16/2019</u>
DE:	<u>[Signature]</u>	Date:	<u>[Signature] BAM</u>
DGM:	<u>N.K.</u>	Date:	<u>9.25.19</u>
GM:	<u>[Signature]</u>	Date:	<u>9.25.19</u>

Eastern Municipal Water District

Spec No. 1345 - Solar Renewable PH 3 Site Prep

Change Order – No. 00007

To: Sukut Construction, LLC.
4010 W. Chandler Avenue
Santa Ana, CA 92704

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 472434

Attn: Eric Gruenewald

Date: Friday, September 13, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

7A	CHANGED SITE CONDITIONS	ADD	\$52,279.01
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Labor and equipment provided to remove an existing underground irrigation line within the SJVRWRF RES-BCT site. In conjunction with the labor, equipment, and material to stabilize the saturated material caused by the water from the irrigation line.

REF: COR/COE No. 007

PAYMENT TO BE AT THE PRE-NEGOTIATED AMOUNT OF \$52,279.01.

7B	CONTRACT TIME EXTENSION		\$0.00
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Add ten (10) calendar days to the SJVRWRF RES-BCT site and contract durations for extra work related to line 7A.

REF: COR/COE No. 007

NO COST CONTRACT TIME EXTENSION

DW:ma

	TOTAL	\$52,279.01
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EASTERN MUNICIPAL WATER DISTRICT

Signed 
 By: Joe Mouawad, P.E.
 Asst. General Manager, Planning, Engineering and Construction

Date: 9-20-19

The Original Contract Sum was	\$7,378,000.00
Net Change by Previously Authorized PCO's and Change Order's is	\$323,144.93
The Contract Sum Prior to This Change Order was	\$7,701,144.93
The Contract Sum will be Increased by this Change Order.....	\$52,279.01
The New Contract Sum including this Change Order is	\$7,753,423.94
This Change Order Increases the Contract Time by.....	10 days
The Completion Date as of this Change Order therefore is	2/21/2020
<hr/>	
Additive CO/PCO/BCO line items to date	\$391,278.12
Deductive CO/PCO/BCO line items to date:	(\$15,854.18)
Net Percent Change of All CO/PCO/BCO's to Date:.....	5.09%

Eastern Municipal Water District

Spec No. 1345 - Solar Renewable PH 3 Site Prep

Change Order – No. 00007

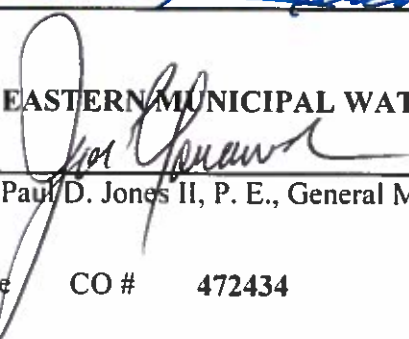
Sukut Construction, LLC.

- I certify agreement with this Change Order
- I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: 
 By: _____

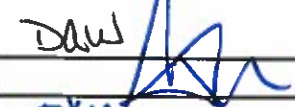



Date: 10-10-19

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: 
 By: Paul D. Jones II, P. E., General Manager

Date: 10/16/19

Funding Source CO # 472434

CA: 
 PM: _____
 DFE: 
 DE: _____
 DGM: 
 GM: 

Date: 9/13/19
 Date: 09.17.2019
 Date: 09/17/2019
 Date: _____
 Date: 9.25.19
 Date: 9.24.19

Eastern Municipal Water District

Spec No. 1359S - MVRWRF TEPS MCC Replacement

Change Order – No. 00001

To: Big Sky Electric, Inc.
310 McArthur Way, Suite A
Upland, CA 91786

From: Eastern Municipal Water District
P O Box 8300
Perris, CA 92572-8300

W.O./C.O.: 472589

Attn: David Manire

Date: Friday, September 13, 2019

THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

1A REQUESTED BY DISTRICT **ADD** **\$13,898.03**

Payment to provide GE Multilin 369 motor protection relays in lieu of the specified Schweitzer relays.
REF: COR/COE 001

PAYMENT TO BE AT THE PRE-NEGOTIATED AMOUNT OF \$13,898.03.

KR:jl

TOTAL \$13,898.03

EASTERN MUNICIPAL WATER DISTRICT

Signed 
By: Joe Mouawad, P.E.
Asst. General Manager, Planning, Engineering and Construction

Date: 9-17-19

The Original Contract Sum was	\$2,040,400.00
Net Change by Previously Authorized PCO's and Change Order's is	\$0.00
The Contract Sum Prior to This Change Order was	\$2,040,400.00
The Contract Sum will be Increased by this Change Order.....	\$13,898.03
The New Contract Sum including this Change Order is	\$2,054,298.03
This Change Order Does Not Change the Contract Time.....	
The Completion Date as of this Change Order therefore is	7/11/2020
Additive CO/PCO/BCO line items to date	\$13,898.03
Deductive CO/PCO/BCO line items to date:	\$0.00
Net Percent Change of All CO/PCO/BCO's to Date:.....	0.68%

Eastern Municipal Water District

Spec No. 1359S - MVRWRF TEPS MCC Replacement

Change Order – No. 00001

Big Sky Electric, Inc.

I certify agreement with this Change Order

I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed:  Ryan Mitchell (PM)
By: _____


Date: 9-19-19

Approved: **EASTERN MUNICIPAL WATER DISTRICT**

Signed: 
By: Paul D. Jones II, P. E., General Manager

Date: 9-26-19

Funding Source _____ CO # 472589

CA: 
PM: ELS
DFE: BAM
DE: _____
DGM: _____
GM: _____

Date: 09/13/19
Date: 9/16/19
Date: 09/13/2019
Date: _____
Date: _____
Date: _____

Eastern Municipal Water District

Spec No. 1359S - MVRWRF TEPS MCC Replacement

Change Order – No. 00002

To: Big Sky Electric, Inc. 310 McArthur Way, Suite A Upland, CA 91786 Attn: Ryan Mitchell	From: Eastern Municipal Water District P O Box 8300 Perris, CA 92572-8300 W.O./C.O.: 472589 Date: Wednesday, September 18, 2019
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THIS CHANGE ORDER IS TO AUTHORIZE THE FOLLOWING CHANGES:

2A	SAFETY Credit to the Contract for deletion of thirteen (13) disconnect switches due to space constraints around the TEPS building. Ref. COR/COE No. 002. CREDIT TO BE THE PRE-NEGOTIATED VALUE OF \$77,227.19.	DEDUCT	(\$77,227.19)
2B	REQUESTED BY DISTRICT Credit to the Contract for deletion of the OIT from the new MCC cabinet. Pumps are controlled through SCADA. Ref. COR/COE No. 003. CREDIT TO BE THE PRE-NEGOTIATED VALUE OF \$3,000.00. KR:ld	DEDUCT	(\$3,000.00)
TOTAL			(\$80,227.19)

EASTERN MUNICIPAL WATER DISTRICT

Signed 
 By: Joe Mohawad, P.E.
 Asst. General Manager, Planning, Engineering and Construction

Date: 9-20-19

The Original Contract Sum was	\$2,040,400.00
Net Change by Previously Authorized PCO's and Change Order's is	\$13,898.03
The Contract Sum Prior to This Change Order was	\$2,054,298.03
The Contract Sum will be Increased by this Change Order.....	(\$80,227.19)
The New Contract Sum including this Change Order is	\$1,974,070.84
This Change Order Does Not Change the Contract Time.....	
The Completion Date as of this Change Order therefore is	7/11/2020
Additive CO/PCO/BCO line items to date	\$13,898.03
Deductive CO/PCO/BCO line items to date:	(\$80,227.19)
Net Percent Change of All CO/PCO/BCO's to Date:.....	-3.25%

Eastern Municipal Water District

Spec No. 1359S - MVRWRF TEPS MCC Replacement

Change Order – No. 00002

Big Sky Electric, Inc.

I certify agreement with this Change Order

I dispute this Change Order and have attached the required itemization of any disputed claims associated with this Change Order

Signed: [Signature] Ryan Mitchell (PM)
By: Ryan Mitchell

Date: 9-24-19

Approved: EASTERN MUNICIPAL WATER DISTRICT

Signed: [Signature]
By: Paul D. Jones II, P. E., General Manager

Date: 9-26-19

Funding Source CO # 472589

CA: KRM
PM: [Signature]
DFE: BAM
DE: _____
DGM: _____
GM: _____

Date: 09/19/19
Date: 9/19/19
Date: 09/19/2019
Date: _____
Date: _____
Date: _____