



July 25, 2018

Erick Roeser  
Auditor-Controller-Treasurer-Tax Collector  
Sonoma County  
585 Fiscal Drive, Suite 100  
Santa Rosa, California 95403

**Subject:** Notification of Obligation and Payment  
Public Assistance and CDAA Grant Programs  
FEMA-4344-DR-CA, Cal OES ID: 097-00000

Dear Mr. Roeser:

**Obligation Notification** The California Governor's Office of Emergency Services has attached the Grant Summary and the Project Application Summary for Federal Package #90, and the Exhibit C for State Supplement #11. Please see the table below for further obligation details.

Obligation Details	Package/Supplement Obligation Amount	Cumulative Amount Obligated
Federal-Public Assistance	\$894,437	\$10,200,629
State-California Disaster Assistance Act (CDAA)	\$245,970	\$529,486
<b>Total</b>	<b>\$1,140,407</b>	<b>\$10,730,115</b>

**Payment Process** For this disaster, funds will be paid in accordance with the following disbursement table:

Project Status	Federal Funds Disbursement Process	State Funds Disbursement Process
Small Projects less than 100% complete	Automatic advance of federal share and administrative allowance	Automatic advance of state share and administrative allowance. Retention held until 100% complete
Small Projects 100% complete	Automatic payment of federal share and administrative allowance	Automatic payment of state share and administrative allowance
Large Projects less than 100% complete	Advance administrative allowance only. All other funds (less retention) will be paid on a reimbursement basis	Advance administrative allowance only. All other funds (less retention) will be paid on a reimbursement basis
Large Projects 100% complete	Automatic payment of federal share and administrative allowance for entire project	Automatic payment of state share and administrative allowance

**Payment  
Process-  
Continued**

For this particular Package/Supplement, payment will be automatically disbursed as follows:

<b>Payment Details</b>	<b>Amount Automatically Paid</b>
Federal-Public Assistance	\$0
State-CDAA	\$22,361
<b>Total</b>	<b>\$22,361</b>

For those large projects with a work completion of less than 100 percent, a Large Project Reimbursement Request form has also been included with this Package/Supplement.

Federal and State funds will be issued separately by the State Controller's Office. Please be advised that state warrants have a one-year period of negotiability.

**Required  
Documents**

In order to receive funds, the following forms must be on file with our office:

<b>Form</b>	<b>Received by Cal OES?</b>
Project Application for Federal Assistance (OES 89)	Yes
Designation of Applicants Agent Resolution (OES 130)	Yes
Payee Data Record (STD. 204) - Private non profit organizations only	N/A

**Program  
Requirements-  
General**

As a requirement of this program, a special fund for the deposit of the state warrant must be established upon receipt of any advance funding. Under no circumstances are expenditures to be made for any damages other than those approved in this application. Any funds received in excess of current needs or approved amounts, or those found owed as a result of an audit or final inspection, must be refunded to the State within 30 days upon receipt of an invoice from the California Governor's Office of Emergency Services.

**Federal  
Program  
Audit  
Requirements**

As a recipient of federal funds, your organization is subject to the Federal Single Audit Act of 1984 and the Single Audit Act Amendments of 1996. Part of your report requirements under the Act and Amendments include the preparation of a Schedule of Expenditures of Federal awards. The following information is provided to assist in the accurate completion of the Schedule:

Mr. Roeser  
Page Three  
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<b>Federal Program Audit Requirements- Continued</b>	Federal Grantor Agency Pass-Through Agency Program Title Federal CFDA Number Pass-Through Grantor's Number	U.S. Department of Homeland Security - Federal Emergency Management Agency California Governor's Office of Emergency Services Public Assistance Grants 97.036 FEMA-4344-DR-CA, Cal OES ID: 097-00000
----------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Appeal  
Process** Please compare the enclosed obligated Project Worksheet(s) (PW) with your copy of the original PW(s). In accordance with Title 44 Code of Federal Regulations, Section 206.206(a), if you disagree with FEMA's obligated amount(s) or scope of work for the Version 0 PW(s) addressed in this Package, you must appeal FEMA's determination within 60 days from receipt of this letter. The appeal must contain documented justification supporting your position and be addressed to the Assistant Director of Recovery. Please submit your letter of appeal to the following mailing address:

California Governor's Office of Emergency Services  
Recovery Division, Public Assistance  
3650 Schriever Avenue  
Mather, California 95655

Please note, for all other PW versions, you will receive notification under separate cover from Cal OES's Public Assistance Section.

**Questions and  
Inquiries** For appeal assistance, contact Public Assistance at (916) 845-8200. For assistance regarding this letter, contact the Grants Processing Unit's main line at (916) 845-8110.

GRANTS PROCESSING UNIT

Enclosures  
c: Disaster Recovery Manager, FEMA  
Applicant's Federal File  
Applicant's State File

# ADMINISTRATIVE ALLOWANCE PAYMENT REPORT

Decl#: 4344

OES ID#: 097-00000

Federal Pkg#: 90 / CDAA Supp#: 11

Small Project Amt.: 125,500

Applicant Name: Sonoma County

OES Project#	PW#	PW Ref#	Total Project Obligations to Date (Fed&CDAA)	Authorized Payment Amounts		
				Federal Amount	CDAA Amount	Total Amount
56769	80	0026923	1,118,046	No Project payments authorized for this pkg#/supp#		
Total Admin Allowance:				0	22,361	22,361

*Maria Lisovsky, SSM I*

**APPLICANT HISTORY REPORT - FEDERAL OBLIGATION**

Decl Num: 4344 Cal OES ID#: 097-00000 Applicant Name: Sonoma County

Pkg. Num: 90 Fema Share: 75%Department: Sonoma CountyCal OES ID#: 097-00000-00

OES Project#	PW #	PW Ref#	Cat.	100% Elig.	FEMA Share	Ret %	Retention	Admin. Allowance	Available Amt.	% Complete
56769	80-0	0026923	C	1,192,583	894,437	10	89,444	0	804,993	25
<b>Department Total:</b>				1,192,583	894,437		89,444	0	804,993	
<b>Package 90 Total:</b>				1,192,583	894,437		89,444	0	804,993	
<b>Grand Total to Date:</b>				10,842,430	10,200,629		104,337	0	10,096,292	
<b>Total Obligation:</b>									10,200,629	



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

Cal OES ID: 097-00000

Supplement Number: 11

Disaster Number: 4344

**PROJECT APPLICATION APPROVAL**  
**CALIFORNIA DISASTER ASSISTANCE ACT PROGRAM**

**1. SUBGRANTEE'S NAME AND ADDRESS**

Sonoma County  
585 Fiscal Drive, Suite 100  
Santa Rosa, CA 95403

**2. AUTHORIZED AGENT**

Erick Roeser  
Auditor-Controller-Treasurer-Tax Collector

**3. PROJECT SUMMARY**

CATEGORY OF WORK	AMOUNT APPROVED BY STATE
A - DEBRIS REMOVAL	\$0
B - EMERGENCY PROTECTIVE MEASURES	\$0
C - ROAD SYSTEMS REPAIRS	\$223,609
D - DIKES, LEVEES & FLOOD CONTROL WORKS	\$0
E - PUBLIC BUILDINGS	\$0
F - UTILITIES	\$0
G - OTHER	\$0
H - FIRE SUPPRESSION	\$0
Z - FEDERAL ADMINISTRATIVE COSTS	\$0
ADMINISTRATIVE ALLOWANCE	\$22,361
TOTAL THIS SUPPLEMENT	\$245,970
TOTAL NOW APPROVED FOR APPLICATION	\$529,486

**4. Cal OES APPROVAL** (Approved in accordance with attached Exhibit "C".)

SIGNATURE

*Maring Lisevsky*

DATE APPROVED

July 13, 2018

TITLE: MANAGER, GRANTS PROCESSING UNIT

CDAA No.: 097-00000  
 Applicant: Sonoma County  
 FEMA-4344-DR-CA, FIPS# 097-00000

St. Supplement Date 07/04/18

St. Sup. #	Dam. Cat.	CDAA DSR#/PW#	FEMA DSR#/PW#	Total Obligation
11	C	12	80-0	223,609
<u>Desc:</u>				
Subtotal for Category C				223,609
Subtotal for Supplement No. 11				223,609
Administrative Allowance (10%)				22,361
Total Supplement No. 11				245,970
Sup.11 Eligible Amount				223,609
Sup.11 Administrative Allowance(10%)				22,361
Total Sup.11				245,970
Application Eligible Amount				481,351
Application Administrative Allowance(10%)				48,135
Total Application				529,486

Report Generated on:	07/09/2018 20:25
Disaster Number:	4344
Applicants:	"097-99097-00"
Report Format:	Detail

RECEIVED

Date: 07/09/2018 20:25

OK

Federal Emergency Management Agency  
Public Assistance Grant Summary (P.5)  
Disaster: FEMA-4344-DR-CA

JUL 09 2018  
660154  
GRANTS PROCESSING UNIT

Number of Records: 13 097-00006-00

Applicant ID: 097-99097-00

Applicant: SONOMA (COUNTY)

Bundle #	Date Approved	PW #	Cat	Cost Share	Project Amount (\$)	Federal Share (\$)	Subgrantee Admin (\$)	Total Approved (\$)
PA-09-CA-4344-PW-00008(8)	03-20-2018	PA-09-CA-4344-PW-00008(0)	B	N	861,438.65	646,078.99	0.00	646,078.99
Applicant Total in Bundle PA-09-CA-4344-PW-00008(8) (1 PW)					861,438.65	646,078.99	0.00	646,078.99
PA-09-CA-4344-PW-00010(9)	03-20-2018	PA-09-CA-4344-PW-00010(0)	C	N	10,351.89	7,763.92	0.00	7,763.92
Applicant Total in Bundle PA-09-CA-4344-PW-00010(9) (1 PW)					10,351.89	7,763.92	0.00	7,763.92
PA-09-CA-4344-PW-00007(12)	03-31-2018	PA-09-CA-4344-PW-00007(0)	B	N	3,699,393.00	3,699,393.00	0.00	3,699,393.00
Applicant Total in Bundle PA-09-CA-4344-PW-00007(12) (1 PW)					3,699,393.00	3,699,393.00	0.00	3,699,393.00
PA-09-CA-4344-PW-00012(13)	04-03-2018	PA-09-CA-4344-PW-00012(0)	G	N	13,368.10	10,026.08	0.00	10,026.08
Applicant Total in Bundle PA-09-CA-4344-PW-00012(13) (1 PW)					13,368.10	10,026.08	0.00	10,026.08
PA-09-CA-4344-PW-00016(14)	04-03-2018	PA-09-CA-4344-PW-00016(0)	C	N	198,577.20	148,932.90	0.00	148,932.90
Applicant Total in Bundle PA-09-CA-4344-PW-00016(14) (1 PW)					198,577.20	148,932.90	0.00	148,932.90
PA-09-CA-4344-PW-00018(15)	04-03-2018	PA-09-CA-4344-PW-00018(0)	G	N	59,315.82	44,486.87	0.00	44,486.87
Applicant Total in Bundle PA-09-CA-4344-PW-00018(15) (1 PW)					59,315.82	44,486.87	0.00	44,486.87
PA-09-CA-4344-PW-00021(16)	04-03-2018	PA-09-CA-4344-PW-00021(0)	C	N	84,237.12	63,177.84	0.00	63,177.84
Applicant Total in Bundle PA-09-CA-4344-PW-00021(16) (1 PW)					84,237.12	63,177.84	0.00	63,177.84
PA-09-CA-4344-PW-00009(18)	04-04-2018	PA-09-CA-4344-PW-00009(0)	B	N	4,575,833.64	4,575,833.64	0.00	4,575,833.64
Applicant Total in Bundle PA-09-CA-4344-PW-00009(18) (1 PW)					4,575,833.64	4,575,833.64	0.00	4,575,833.64
PA-09-CA-4344-PW-00015(22)	04-27-2018	PA-09-CA-4344-PW-00015(0)	C	N	8,885.53	6,664.15	0.00	6,664.15
Applicant Total in Bundle PA-09-CA-4344-PW-00015(22) (1 PW)					8,885.53	6,664.15	0.00	6,664.15
PA-09-CA-4344-PW-00054(66)	06-20-2018	PA-09-CA-4344-PW-00054(0)	G	N	53,208.24	39,906.18	0.00	39,906.18
Applicant Total in Bundle PA-09-CA-4344-PW-00054(66) (1 PW)					53,208.24	39,906.18	0.00	39,906.18
PA-09-CA-4344-PW-00110(67)	06-20-2018	PA-09-CA-4344-PW-00110(0)	C	N	85,246.38	63,934.79	0.00	63,934.79
Applicant Total in Bundle PA-09-CA-4344-PW-00110(67) (1 PW)					85,246.38	63,934.79	0.00	63,934.79
* PA-09-CA-4344-PW-00080(90)	07-04-2018	PA-09-CA-4344-PW-00080(0)	C	N	1,192,583.48	894,437.61	0.00	894,437.61
Applicant Total in Bundle PA-09-CA-4344-PW-00080(90) (1 PW)					1,192,583.48	894,437.61	0.00	894,437.61
PA-09-CA-4344-PW-00092(91)	07-04-2018	PA-09-CA-4344-PW-00092(0)	B	N	110,227.29	110,227.29	0.00	110,227.29
Applicant Total in Bundle PA-09-CA-4344-PW-00092(91) (1 PW)					110,227.29	110,227.29	0.00	110,227.29
APPLICANT TOTAL: 097-99097-00 (13 PWs)					10,952,666.34	10,310,863.26	0.00	10,310,863.26



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Federal Emergency Management Agency

Public Assistance Grant Summary (P.5)

Disaster: FEMA-4344-DR-CA

Number of Records: 13

TOTAL for report: (13 PWs)

10,952,666.34

10,310,863.26

0.00

10,310,863.26

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GRANTS PROCESSING UNIT

Report Generated on:	07/09/2018 20:26
Data Captured As Of:	07/09/2018 20:26
Disaster Number:	4344
Bundle:	PA-09-CA-4344-PW-00080
Applicant:	097-99097-00

Capture Date: 07/09/2018 20:26

## Federal Emergency Management Agency

## Project Application Grant Report (P.2)

Disaster: FEMA-4344-DR-CA

Number of Records: 2

Applicant ID: 097-99097-00  
 &nbsp;Bundle # : PA-09-CA-4344-  
 PW-00080(90)

Applicant: SONOMA (COUNTY)

PW #	Cat	Cost Share	Projected Completion Date	Approved PW Amount (\$)
PA-09-CA-4344-PW-00080(0)	C	N	04-10-2019	1,192,583.48

Facility Number:

1

Facility Name:

Damage #86621; Ligthing District - Damaged Equipment

Location:

2175 Airport Blvd Santa Rosa CA 95403

Scope of Work:

86621 Lighting District - Damaged Equipment

Lighting District - Damaged Equipment

Work to be completed

The applicant will utilize contract and/or Force Account for repairs to the street lighting system for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.

A. Carriage Lane:

1. Remove & Replace 27 ft x 6 in dia. Steel lighting pole-2 ea.
2. Remove & Replace #5 Pull Box - 7 ea.

B. Darbster Place/Willowgreen Place:

1. Remove & Replace 27 ft x 6 in dia. Steel lighting pole - 5 ea.
2. Remove & Replace #5 Pull Box - 20 ea.

C. Pacific Heights:

1. Remove & Replace 27 ft x 6 in dia. Steel lighting pole - 13 ea.
2. Remove & Replace Lum. Pole as'mb'ly. #BXSPR-A-0-3-F-G-U-S-N - 68 ea.
3. Traffic Signal Cabinet with BBU Cabinet - 1 ea.

1A. Design Staff: \$20,000

2A. Labor and Equipment: \$200,000

3A. Material: \$74,436.50

Work to be Completed total: \$294,436.50

Project Notes:

1. Figures in the SIR are approximate due to the large amount of underground work and the

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Federal Emergency Management Agency  
 Project Application Grant Report (P.2)  
 Disaster: FEMA-4344-DR-CA

Number of Records: 2

writing is difficult to read. This causes discrepancies, however, PDMG and Costing Estimator agree that the figures in the Damage Inventory and DDD are correct.

2. All site estimates for work to be completed were generated using Cal Trans (<http://sv08data.dot.ca.gov/contractcost/>) or Applicants Provided Cost. See attachment labeled ST26923 Cost Estimate
3. Road signs that were captured in the SIR that were reported as 100% complete were separated into a standalone project [34609] and are not a part of this project.
4. GPS coordinates are shown for each light pole on attached Sonoma CO - WO#9020 - DI#86621 - Location Map - Street Lightings 1. Pdf.
5. No street lighting was on FHWA roads.
6. Damage Description and Dimensions referenced Low Water Crossing in DI #111613 as the Facility Type. This is in error and should be dismissed. The Facility Type is Underground Conduit.
7. The Applicant is not Claiming Direct Administrative Costs

Facility Number:

2

Facility Name:

Damage #111613; Lighting district - Conduit

Location:

585 Fiscal Dr, Suite 100  
 Santa Rosa, California 95403

Scope of Work:

111613 Lighting district - Conduit

Work to be completed

The applicant will utilize contract and/or Force Account for repairs to the underground conduit system and components for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.

A. Carriage Lane Area:

1. Remove & Replace 1,265 LF Lighting Conductors

B. Darbster Place/Willowgreen Place Area:

1. Remove & Replace 760 LF Lighting Conductors
2. Remove & Replace 1,597 LF Lighting Conductors
3. Remove & Replace 1,000 LF Lighting Conductors
4. Remove & Replace 1 ea. Pull Box Lid

C. Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area:

1. Remove & Replace 15,008 LF of Wire AWG#8, black
2. Remove & Replace 15,008 LF of Wire AWG#8, white
3. Replace 15,008 LF of Wire AWG#10, ground
4. Remove & Replace 11,651 LF of 2" Conduit
5. Remove & Replace 95 ea. BAF 5 Amp Fuse
6. Remove & Replace 285 ea. Cooper C Tap Blue

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Federal Emergency Management Agency  
 Project Application Grant Report (P.2)  
 Disaster: FEMA-4344-DR-CA

Number of Records: 2

- 7. Remove & Replace 32 ea. Electrical Tape
  - 8. Remove & Replace 5 ea. Scotch - Kote Electrical Coating
  - 9. Remove & Replace 5 ea. 90 deg. 40 PVC conduit or rigid galv. Steel (5ft. x 2 in)
  - D. Pacific Heights Drive Area:
    - 1. Remove & Replace 1,180 LF Lighting Conductors
    - 2. Remove & Replace 620 LF Lighting Conductors
    - 3. Remove & Replace 965 LF Lighting Conductors
    - 4. Remove & Replace 930 LF Lighting Conductors
    - 5. Remove & Replace 699 LF Lighting Conductors
    - 6. Remove & Replace 650 LF Lighting Conductors
    - 7. Remove & Replace 850 LF Lighting Conductors
    - 8. Remove & Replace 995 LF Lighting Conductors
    - 9. Remove & Replace 440 LF Lighting Conductors
    - 10. Remove & Replace 705 LF Lighting Conductors
    - 11. Remove & Replace 855 LF Lighting Conductors
    - 12. Remove & Replace 465 LF Lighting Conductors
    - 13. Remove & Replace 135 LF Lighting Conductors
    - 14. Remove & Replace 897 LF Lighting Conductors
  - 1A. Design Staff: \$45,000
  - 2A. Labor & Equipment \$350,000
  - 3A. Material : \$503,146.98
- Work to be Completed total: \$898,146.98
- Total Project Cost: \$1,192,583.48

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	1,192,583.48	0.00	1,192,583.48
Federal Share (\$)	894,437.61	0.00	894,437.61

PA-09-CA-4344-PW-00080(0) <u>P</u>	
Applicant Name: SONOMA (COUNTY)	Application Title: 0026923 - County Lighting District
Period of Performance Start: 10-10-2017	Period of Performance End: 04-10-2019

### ***Subgrant Application - Entire Application***

**Application Title:** 0026923 - County Lighting District

**Application Number:** PA-09-CA-4344-PW-00080(0)

**Application Type:** Subgrant Application (PW)

#### Preparer Information

Prefix  
 First Name James  
 Middle Initial W  
 Last Name Wyatt  
 Title PDMG  
 Agency/Organization Name CALOES  
 Address 1 3650 Schriever Ave  
 Address 2  
 City Mather  
 State CA  
 Zip 95655 - 4203  
 Phone 000-000-0000  
 Email David.Gillings@caloes.ca.gov

Is the application preparer the Point of Contact? No

#### Point of Contact Information

Prefix  
 First Name Erick  
 Middle Initial  
 Last Name Roeser  
 Title Auditor/Controller/Treasurer/Tax Collector  
 Agency/Organization Sonoma (County)  
 Address 1 585 Fiscal Drive, Suite 100  
 Address 2  
 City Santa Rosa  
 State CA  
 ZIP 95403  
 Phone 707-565-3295  
 Fax

Email Erick.Roeser@sonoma-county.org

Alternate Point of Contact Information

Prefix

First Name Ryan

Middle Initial

Last Name Burns

Title Accountant Auditor II

Agency/Organization

Address 1

Address 2

City

State

ZIP

Phone 707-565-8304

Fax

Email Ryan.Burns@sonoma-county.org

Project Description

Disaster Number: 4344

Pre-Application Number: PA-09-CA-4344-RPA-0018

Applicant ID: 097-99097-00

Applicant Name: SONOMA (COUNTY)

Subdivision:

Project Number: 0026923

Standard Project Number/Title: 399 - Road System Damage

Please Indicate the Project Type: Neither Alternate nor Improved

Application Title: 0026923 - County Lighting District

Category: C.ROADS & BRIDGES

Percentage Work Completed? 25.0 %

As of Date: 05-02-2018

Comments
Attachments

Damage Facilities (Part 1 of 2)

Facility Number	Facility Name	Address	County	City	State	ZIP	Site Previously Damaged?	Action
1	Damage #86621; Ligthing District - Damaged Equipment		Sonoma		CA		No	
2	Damage #111613; Lighting district - Conduit		Sonoma		CA		No	

Comments
Attachments

User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANGELA VINCENT	05-02-2018	Map	0026923 - DR4344CA - D86621 - Map	0026923 - DR4344CA - D86621 - Map - Sonoma CO - WO#9020 - DI#86621 - Location Ma	0026923 - DR4344CA - D86621 - Map - Sonoma CO - WO#9020 - DI#86621 - Location Map - Traffic Control Panel.pdf(496.92 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Map	0026923 - DR4344CA - D86621 - Map and GPS Coordinates	0026923 - DR4344CA - D86621 - Map and GPS Coordinates - Sonoma CO - WO#9020 - DI	0026923 - DR4344CA - D86621 - Map and GPS Coordinates - Sonoma CO - WO#9020 - DI#86621 - Location Map - Street Lightings.pdf(1.59 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Photos	0026923 - DR4344CA - D86621 - Photos	0026923 - DR4344CA - D86621 - Photos - Sonoma CO - WO#9020 - DI#86621 -Photo She	0026923 - DR4344CA - D86621 - Photos - Sonoma CO - WO#9020 - DI#86621 -Photo Sheet.pdf(318.59 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Photos	0026923 - DR4344CA - D86621 - Photos	0026923 - DR4344CA - D86621 - Photos - Sonoma CO-WO #9020 - DI #86621 -Road Sign	0026923 - DR4344CA - D86621 - Photos - Sonoma CO-WO #9020 - DI #86621 -Road Sign Photos.pdf(3.47 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Additional Damages Document	0026923 - DR4344CA - D86621 - Site Inspection Report	0026923 - DR4344CA - D86621 - Site Inspection Report - Sonoma CO - WO#9020 - DI#	0026923 - DR4344CA - D86621 - Site Inspection Report - Sonoma CO - WO#9020 - DI#86621 - SI Report.pdf(3.53 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - D86621 - Site Inspection Sign in Sheet	0026923 - DR4344CA - D86621 - Site Inspection Sign in Sheet - Sonoma CO - WO#902	0026923 - DR4344CA - D86621 - Site Inspection Sign in Sheet - Sonoma CO - WO#9020 - DI#86621 - Sign-In Sheet.pdf(230.60 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Drawings/Sketches	0026923 - DR4344CA - D86621 - Sketches	0026923 - DR4344CA - D86621 - Sketches - Sonoma CO - WO#9020 - DI#86621 - Light	0026923 - DR4344CA - D86621 - Sketches - Sonoma CO - WO#9020 - DI#86621 - Light Pole & Component's Diagram.pdf(534.89 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Map	0026923 - DR4344CA - D111613 - Map	0026923 - DR4344CA - D111613 - Map - Site Location Map for WO 16322 DI-111613 C	0026923 - DR4344CA - D111613 - Map - Site Location Map for WO 16322 DI-111613 C.pdf(228.95 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Map	0026923 - DR4344CA - D111613 - Map and GPS Coordinates	0026923 - DR4344CA - D111613 - Map and GPS Coordinates - Sonoma County Damaged U	0026923 - DR4344CA - D111613 - Map and GPS Coordinates - Sonoma County Damaged Underground Streetlight Conductors with coordinates and Ma.pdf(3.36 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Photos	0026923 - DR4344CA - D111613 - Photos	0026923 - DR4344CA - D111613 - Photos - Site Photos for WO 16322 DI-111613 C during	0026923 - DR4344CA - D111613 - Photos - Site Photos for WO 16322 DI-111613 C during inspections.pdf(5.75 Mb)	<a href="#">View</a>
ANGELA VINCENT		Additional Damages Document	0026923 - DR4344CA -	0026923 - DR4344CA -	0026923 - DR4344CA - D111613 - Site Inspection	<a href="#">View</a>

	05-02-2018		D111613 - Site Inspection Report	D111613 - Site Inspection Report - Site Inspection Report f	Report - Site Inspection Report for WO 16322 DI-111613 C.pdf(1.24 Mb)	
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - D111613 - Site Inspection Sign in Sheet	0026923 - DR4344CA - D111613 - Site Inspection Sign in Sheet - Site Inspection S	0026923 - DR4344CA - D111613 - Site Inspection Sign in Sheet - Site Inspection Sign in Sheet.pdf(333.45 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - Maintenance Records	0026923 - DR4344CA - Maintenance Records - [26923] Maintenance Logs	0026923 - DR4344CA - Maintenance Records - [26923] Maintenance Logs.pdf (942.20 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Map	0026923 - DR4344CA - Map	0026923 - DR4344CA - Map - Sonoma CO - WO#9020 - DI#86621 - Location Map - Stree	0026923 - DR4344CA - Map - Sonoma CO - WO#9020 - DI#86621 - Location Map - Street Lightings-1.pdf(1.62 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Drawings/Sketches	0026923 - DR4344CA - Sketches	0026923 - DR4344CA - Sketches - [26923] Sonoma County Plans, Codes, and Standard	0026923 - DR4344CA - Sketches - [26923] Sonoma County Plans, Codes, and Standards.pdf(403.83 kb)	<a href="#">View</a>
ANGELA VINCENT	05-10-2018	Map	0026923 - DR4344CA - Map	0026923 - DR4344CA - Map - Sonoma County FEMA Map-INSPECTED Damaged Underground	0026923 - DR4344CA - Map - Sonoma County FEMA Map-INSPECTED Damaged Underground Infrastructure for WO 16322 DI-111613 C.pdf (566.88 kb)	<a href="#">View</a>

Facility Name:	Damage #86621; Ligthing District - Damaged Equipment
Address 1:	
Address 2:	
County:	Sonoma
City:	
State:	CA
ZIP:	
Was this site previously damaged?	No
Percentage Work Completed?	25.00 %
Location:	PA-09-CA-4344-PW-00080(0): 2175 Airport Blvd Santa Rosa CA 95403
Damage Description and Dimensions:	PA-09-CA-4344-PW-00080(0): Damage #86621; Ligthing District - Damaged Equipment
	General Facility Information: Facility Type: Roads (No Culverts)



Facility: Countywide Road Lighting District

Facility Description: Street Lighting / Road Signs / Traffic Control Panel.  
Transportation and Public Works office

Approx. Year Built: 1930

Location Description: 2175 Airport Blvd Santa Rosa CA 95403

Road Type: Asphalt

Width (ft): 20

Number of Lanes: 2

General Damage Information:

Date Damaged: 10/8/2017

Cause of Damage: Fire damaged poles, pull boxes, luminaires, wires, fuse holders

Road Damage:

Carriage Lane:

Lighting, 2 each of 27 ft. tall x 6 inch (diameter) steel poles. See attached copy of light pole diagram and spreadsheet for locations, 120 V, Lighting poles were totally damaged by extreme heat from wildfires., 0% work completed.

Lighting, 7 each of pull box #5 or 5 (T), luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE, 2 #10 THW copper conductors @ 40 ft. ea., & 600v 30A in-line waterproof fuse holder, extreme heat from wildfires, 0% work completed.

Darbster Place/Willowgreen Place:

Lighting, 5 each of 27 ft.(L) x 6 in. (diameter) steel poles. See attached copy of light pole diagram and spreadsheet for locations, 120 V, lighting poles & components were totally damaged by extreme heat from wildfires, 0% work completed.

Lighting, 20 each of pull box #5 or 5 (T), luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE., 2 #10 THW copper conductors @ 40 ft. ea., & 600v 30A in-line waterproof fuse holder., damaged by extreme heat from wildfires, 0% work completed.

Pacific Heights:

Lighting, 13 each of 27 ft. tall x 6 inch (diameter) steel pole. See attached copy of light pole diagram and spreadsheet for locations., 120 V, Lighting poles and it's components were totally damaged by extreme heat from wildfires, 0% work completed.

Lighting, 68 each of luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE, 2 #10 THW copper conductors @ 40 ft. ea., extreme heat from wildfires, 0% work completed.

Traffic Signal Cabinet with BBU Cabinet:

Traffic Signal, 1 each of 5.5 ft. (L) x 2 ft. (W) steel box traffic control panel box., 5.5 FT long x 2 FT wide, Extreme heat from wildfires burnt and destroyed traffic

	<p>signal cabinet with BBU cabinet., 100% work completed.</p>
<p>Scope of Work:</p>	<p>PA-09-CA-4344-PW-00080(0): 86621 Lighting District - Damaged Equipment</p> <p>Lighting District – Damaged Equipment</p> <p>Work to be completed</p> <p>The applicant will utilize contract and/or Force Account for repairs to the street lighting system for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.</p> <p>A. Carriage Lane:</p> <ol style="list-style-type: none"> <li>1. Remove &amp; Replace 27 ft x 6 in dia. Steel lighting pole-2 ea.</li> <li>2. Remove &amp; Replace #5 Pull Box - 7 ea.</li> </ol> <p>B. Darbster Place/Willowgreen Place:</p> <ol style="list-style-type: none"> <li>1. Remove &amp; Replace 27 ft x 6 in dia. Steel lighting pole - 5 ea.</li> <li>2. Remove &amp; Replace #5 Pull Box – 20 ea.</li> </ol> <p>C. Pacific Heights:</p> <ol style="list-style-type: none"> <li>1. Remove &amp; Replace 27 ft x 6 in dia. Steel lighting pole – 13 ea.</li> <li>2. Remove &amp; Replace Lum. Pole as'mb'ly. #BXSPR-A-0-3-F-G-U-S-N – 68 ea.</li> <li>3. Traffic Signal Cabinet with BBU Cabinet – 1 ea.</li> </ol> <p>1A. Design Staff: \$20,000</p> <p>2A. Labor and Equipment: \$200,000</p> <p>3A. Material: \$74,436.50</p> <p>Work to be Completed total: \$294,436.50</p> <p>Project Notes:</p> <ol style="list-style-type: none"> <li>1. Figures in the SIR are approximate due to the large amount of underground work and the writing is difficult to read. This causes discrepancies, however, PDMG and Costing Estimator agree that the figures in the Damage Inventory and DDD are correct.</li> <li>2. All site estimates for work to be completed were generated using Cal Trans (<a href="http://sv08data.dot.ca.gov/contractcost/">http://sv08data.dot.ca.gov/contractcost/</a>) or Applicants Provided Cost. See attachment labeled ST26923 Cost Estimate</li> <li>3. Road signs that were captured in the SIR that were reported as 100% complete were separated into a standalone project [34609] and are not a part of this project.</li> <li>4. GPS coordinates are shown for each light pole on attached Sonoma CO – WO#9020 – DI#86621 – Location Map – Street Lightings 1. Pdf.</li> <li>5. No street lighting was on FHWA roads.</li> </ol>

	<p>6. Damage Description and Dimensions referenced Low Water Crossing in DI #111613 as the Facility Type. This is in error and should be dismissed. The Facility Type is Underground Conduit.</p> <p>7. The Applicant is not Claiming Direct Administrative Costs</p>
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Hazard Mitigation Proposal		
* Is effective mitigation feasible on this site?	Yes	
If you answered <b>Yes</b> to the above question, the next question is required		
Will mitigation be performed on this site?	Unsure	
If you answered <b>Yes</b> to the above question, the next question is required		
Do you wish to attach a Hazard Mitigation Proposal?		
If you answered <b>Yes</b> to the above question, the next two questions are required		
Please provide the Scope of Work for the estimate: <small>(maximum 4000 characters)</small>		
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?		
GIS Coordinates		
Project Location	Latitude	Longitude
2175 Airport Blvd	38.46146	-122.72512

Facility Name:	Damage #111613; Lighting district - Conduit
Address 1:	
Address 2:	
County:	Sonoma
City:	
State:	CA
ZIP:	
Was this site previously damaged?	No
Percentage Work Completed?	25.00 %
Location:	PA-09-CA-4344-PW-00080(0): 585 Fiscal Dr, Suite 100 Santa Rosa, California 95403
Damage Description and Dimensions:	<p>PA-09-CA-4344-PW-00080(0): Damage #111613; Lighting district - Conduit</p> <p>General Facility Information:</p> <p>Facility Type: Low Water Crossing</p> <p>Facility: UNDERGROUND CONDUIT SYSTEM AND COMPONENTS</p> <p>Facility Description: Sonoma County Damaged Underground Streetlight Conductors connected by different type of wire in total 18 lines</p> <p>Approx. Year Built: 1980</p> <p>Location Description: Darbster Place/Willowgreen Place Area, Carriage Lane</p>

Area and Pacific Heights Drive Area. The replacement of the damaged underground infrastructure varies per location. In the Darbster Place/Willowgreen Place Area, 3,357 feet of wires were installed in conduit. These wires have been damaged by the fires and removed by an unknown entity. In the Carriage Lane Area and Pacific Heights Drive Area, 11,651 feet of wires are direct bury. Our surface inspection efforts indicate that these wire show signs of burning and/or extreme heat damage caused by the fire that most likely continues underground

Road Type: Asphalt

Length (ft): 15,008

Width (ft): 20

Number of Lanes: 2

General Damage Information:

Date Damaged: 10/9/2017

Cause of Damage: Fire on October 8 and 9 2017

Low Water Crossing Road Damage:

Carriage Lane Area:

Lighting, 1 each of Line 4 (Conductor Run 4 see attached Map with details) connected poles 88632, 88631, 888630, 88633, 88634, 88635 and 88636 with total length -, 1,265 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Darbster Place/Willowgreen Place Area:

Lighting, 1 each of Line 1 (Conductor Run 1 see attached Map with details) connected poles 8063, 8118, 8062, 8069 and 8061 with total length -, 760 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 2 (Conductor Run 2 see attached Map with details) connected poles 8117, 8060, 8116, 8115, 8059, 8114, 8113, 8172 and 8058 with total length -, 1,597 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 3 (Conductor Run 3 see attached Map with details) connected poles 8064, 8068, 8065, 8066 and 8067 with total length -, 1,000 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Pull Box lid(#5 Christy or N30), lighting pull box lid was damaged (see photo) by extreme heat from wildfires, 0% work completed.

Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area:

Lighting, 1 each of Wire AWG #8 (Black), 15,008 FT long, lighting wire were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Wire AWG #8 (White), 15,008 FT long, lighting wire were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Wire AWG #10 (Ground), 15,008 FT long, lighting wire were

damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of 2" Conduit, 11,651 FT long x 0.5 FT wide, damaged streetlight wires , 0% work completed.

Lighting, 95 each of BAF 5 Amp Fuses (1 per 1 Streetlight) -see Schematic Street Light Wiring Diagrams # 605, fuses were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 285 each of Cooper C Tap Blue, for AWG 10-8 (3 per 1 Streetlight), 1 IN long x 1 IN wide, cooper C Taps for wire were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 32 each of Electrical Tape (1 per 3 Streetlight), tapes were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 5 each of Scotch-Kote Electrical Coating, electrical coating damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 5 each of 90 degree 40 PVC conduit or rigid galvanized steel to adjoining pull box (see Electrical Service Detail Underground Service drawing # 606), 5 FT long x 2 IN in diameter, conduits were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 5 (Conductor Run 5 see attached Map with details) connected poles 88550, 88551, 88552, 88553, 88554, 88555, 88556 and 88557 with total length -, 1,180 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 6 (Conductor Run 6 see attached Map with details) connected poles 88558, 88559 and 88560 with total length -, 620 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 7 (Conductor Run 7 see attached Map with details) connected poles 88562, 88561, 88563, 88565, and 88566 with total length -, 965 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 8 (Conductor Run 8 see attached Map with details) connected poles 88567, 88568, 88572, 88569, 88570 and 88571 with total length -, 930 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 9 (Conductor Run 9 see attached Map with details) connected poles 88574, 88573, 88617, 88575 and 88576 with total length -, 699 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 10 (Conductor Run 10 see attached Map with details) connected poles 88578, 88577, 88581, 88579, and 88580 with total length -, 650 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 11 (Conductor Run 11 see attached Map with details) connected poles 88582, 88608, 88607, 88606, and 88605 with total length -, 850 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 12 (Conductor Run 12 see attached Map with details) connected poles 88584, 88583, 88600, 88599, 88598 and 88597 with total length -, 995 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 13 (Conductor Run 13 see attached Map with details) connected poles 88593, 88592 and 88591 with total length -, 440 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 14 (Conductor Run 14 see attached Map with details) connected poles 88587, 88588 and 88589, 88590 and 88594 with total length - , 705 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 15 (Conductor Run 15 see attached Map with details) connected poles 88595, 88596, 88601, 88602, 88603 and 88604 with total length - , 855 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 17 (Conductor Run 17 see attached Map with details) connected poles 88614, 88615 and 88616 with total length - , 465 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 18 (Conductor Run 18 see attached Map with details) connected poles 88585 and 88586 with total length - , 135 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 16 (Conductor Run 16 see attached Map with details) connected poles 88609, 88611, 88612, 88610, and 88613 with total length - , 897 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Scope of Work:

PA-09-CA-4344-PW-00080(0):  
111613 Lighting district - Conduit

Work to be completed

The applicant will utilize contract and/or Force Account for repairs to the underground conduit system and components for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.

A. Carriage Lane Area:

1. Remove & Replace 1,265 LF Lighting Conductors

B. Darbster Place/Willowgreen Place Area:

1. Remove & Replace 760 LF Lighting Conductors
2. Remove & Replace 1,597 LF Lighting Conductors
3. Remove & Replace 1,000 LF Lighting Conductors
4. Remove & Replace 1 ea. Pull Box Lid

C. Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area:

1. Remove & Replace 15,008 LF of Wire AWG#8, black
2. Remove & Replace 15,008 LF of Wire AWG#8, white

- 3. Replace 15,008 LF of Wire AWG#10, ground
- 4. Remove & Replace 11,651 LF of 2" Conduit
- 5. Remove & Replace 95 ea. BAF 5 Amp Fuse
- 6. Remove & Replace 285 ea. Cooper C Tap Blue
- 7. Remove & Replace 32 ea. Electrical Tape
- 8. Remove & Replace 5 ea. Scotch – Kote Electrical Coating
- 9. Remove & Replace 5 ea. 90 deg. 40 PVC conduit or rigid galv. Steel (5ft. x 2 in)
- D. Pacific Heights Drive Area:
  - 1. Remove & Replace 1,180 LF Lighting Conductors
  - 2. Remove & Replace 620 LF Lighting Conductors
  - 3. Remove & Replace 965 LF Lighting Conductors
  - 4. Remove & Replace 930 LF Lighting Conductors
  - 5. Remove & Replace 699 LF Lighting Conductors
  - 6. Remove & Replace 650 LF Lighting Conductors
  - 7. Remove & Replace 850 LF Lighting Conductors
  - 8. Remove & Replace 995 LF Lighting Conductors
  - 9. Remove & Replace 440 LF Lighting Conductors
  - 10. Remove & Replace 705 LF Lighting Conductors
  - 11. Remove & Replace 855 LF Lighting Conductors
  - 12. Remove & Replace 465 LF Lighting Conductors
  - 13. Remove & Replace 135 LF Lighting Conductors
  - 14. Remove & Replace 897 LF Lighting Conductors
- 1A. Design Staff: \$45,000
- 2A. Labor & Equipment \$350,000
- 3A. Material : \$503,146.98
- Work to be Completed total: \$898,146.98
- Total Project Cost: \$1,192,583.48

Hazard Mitigation Proposal	
* Is effective mitigation feasible on this site?	Yes
If you answered <b>Yes</b> to the above question, the next question is required	
Will mitigation be performed on this site?	Unsure
If you answered <b>Yes</b> to the above question, the next question is required	

Do you wish to attach a Hazard Mitigation Proposal?		
If you answered <b>Yes</b> to the above question, the next two questions are required		
Please provide the Scope of Work for the estimate: (maximum 4000 characters)		
Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost?		
GIS Coordinates		
Project Location	Latitude	Longitude
585 Fiscal Dr, Suite 100	38.465475	-122.7259

Special Considerations

1. Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc)? Yes
2. Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland? No
3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area? No
4. Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use of function)? No
5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? Yes
6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? No
7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? No
8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? No
9. Are there any other environmental or controversial issues associated with the damaged facility and/or item of work? No

Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANGELA VINCENT	05-02-2018	Environmental/Historic Document	0026923 - DR4344CA - D86621 - FIRMette	0026923 - DR4344CA - D86621 - FIRMette - Sonoma CO - WO#9020 - DI#86621 - Firmet	0026923 - DR4344CA - D86621 - FIRMette - Sonoma CO - WO#9020 - DI#86621 - Firmette.pdf (1.31 Mb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Force Account	0026923 - DR4344CA - D111613 - FIRMette	0026923 - DR4344CA - D111613 - FIRMette - FIRMETTE Map for WO 16322 DI-111613 C	0026923 - DR4344CA - D111613 - FIRMette - FIRMETTE Map for WO 16322 DI-111613 C.pdf (229.86 kb)	<a href="#">View</a>

**For Category C, D, E, F, and G Projects only**

Is effective mitigation feasible on this project? No

If you answered **Yes** to the above question, the next question is required

Will mitigation be performed on any sites in this project?

If you answered **Yes** to the above question, the next question is required

Do you wish to attach a Hazard Mitigation Proposal?

If you answered **Yes** to the above question, the next two questions are required

Please provide the Scope of Work for the estimate:



Would you like to add the Hazard Mitigation Proposal as a cost line item to the project cost? No

Comments
Attachments

Cost Estimate

Is this Project Worksheet for	Cost Estimate Format
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(Preferred) Repair									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
*** Version 0 ***									
<b>Work To Be Completed</b>									
1	9000	CEF Cost Estimate (See Attached Spreadsheet)	1	LS	\$ 1,192,583.48	CONSTRUCTION	Work To Be Completed	\$ 1,192,583.48	
2	9903	No Direct Administrative Costs	1	LS	\$ 0.00	OTHER	Work To Be Completed	\$ 0.00	
								<b>Total Cost : \$ 1,192,583.48</b>	

Insurance Adjustments (Deductibles, Proceeds and Settlements) - 5900/5901									
Sequence	Code	Material and/or Description	Unit Quantity	Unit of Measure	Unit Price	Subgrant Budget Class	Type	Cost Estimate	Action
								<b>Total Cost : \$ 0.00</b>	

<b>Total Cost Estimate:</b> (Preferred Estimate Type + Insurance Adjustments)	<b>\$ 1,192,583.48</b>
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Comments						
Attachments						
User	Date	Document Type	Description	Hard Copy File Reference	File Name	Action
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - CEF	0026923 - DR4344CA - CEF - ST 26923 CEF	0026923 - DR4344CA - CEF - ST 26923 CEF.XLSX(283.68 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - Cost Estimate	0026923 - DR4344CA - Cost Estimate - ST 26923 Cost Estimate	0026923 - DR4344CA - Cost Estimate - ST 26923 Cost Estimate.xlsx(168.99 kb)	<a href="#">View</a>
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - Cost Estimate and Invoice	0026923 - DR4344CA - Cost Estimate and Invoice - [26923] Cost Estimate and Invoi	0026923 - DR4344CA - Cost Estimate and Invoice - [26923] Cost Estimate and Invoices.pdf (2.43 Mb)	<a href="#">View</a>
						<a href="#">View</a>

ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - Cost Estimate and Invoice	0026923 - DR4344CA - Cost Estimate and Invoice - [26923] UPDATED - Cost Estimate	0026923 - DR4344CA - Cost Estimate and Invoice - [26923] UPDATED - Cost Estimate and Invoices.pdf(2.74 Mb)	
ANGELA VINCENT	05-02-2018	Additional Information	0026923 - DR4344CA - SOW	0026923 - DR4344CA - SOW - ST 26923 SOW	0026923 - DR4344CA - SOW - ST 26923 SOW.docx(22.84 kb)	<a href="#">View</a>

Existing Insurance Information

Insurance Type	Policy No.	Bldg/Property Amount	Content Amount	Insurance Amount	Deductible Amount	Years Required
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Comments
Attachments

Comments and Attachments

Name of Section	Comment	Attachment
Damage Facilities		<a href="#">0026923 - DR4344CA - D86621 - Map - Sonoma CO - WO#9020 - DI#86621 - Location Map - Traffic Control Panel.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Map and GPS Coordinates - Sonoma CO - WO#9020 - DI#86621 - Location Map - Street Lightings.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Photos - Sonoma CO - WO#9020 - DI#86621 -Photo Sheet.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Photos - Sonoma CO-WO #9020 - DI #86621 -Road Sign Photos.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Site Inspection Report - Sonoma CO - WO#9020 - DI#86621 - SI Report.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Site Inspection Sign in Sheet - Sonoma CO - WO#9020 - DI#86621 - Sign-In Sheet.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D86621 - Sketches - Sonoma CO - WO#9020 - DI#86621 - Light Pole &amp; Component's Diagram.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D111613 - Map - Site Location Map for WO 16322 DI-111613 C.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D111613 - Map and GPS Coordinates - Sonoma County Damaged Underground Streetlight Conductors with coordinates and Ma.pdf (05-02-2018)</a>
		<a href="#">0026923 - DR4344CA - D111613 - Photos - Site Photos for WO 16322 DI-111613 C during</a>

Comments and Attachments

[inspections.pdf](#) (05-02-2018)

[0026923 - DR4344CA - D111613 - Site Inspection Report - Site Inspection Report for WO 16322 DI-111613 C.pdf](#) (05-02-2018)

[0026923 - DR4344CA - D111613 - Site Inspection Sign in Sheet - Site Inspection Sign in Sheet.pdf](#) (05-02-2018)

[0026923 - DR4344CA - Maintenance Records - \[26923\] Maintenance Logs.pdf](#) (05-02-2018)

[0026923 - DR4344CA - Map - Sonoma CO - WO#9020 - DI#86621 - Location Map - Street Lightings-1.pdf](#) (05-02-2018)

[0026923 - DR4344CA - Sketches - \[26923\] Sonoma County Plans, Codes, and Standards.pdf](#) (05-02-2018)

[0026923 - DR4344CA - Map - Sonoma County FEMA Map-INSPECTED Damaged Underground Infrastructure for WO 16322 DI-111613 C.pdf](#) (05-10-2018)

[0026923 - DR4344CA - D86621 - FIRMette - Sonoma CO - WO#9020 - DI#86621 - Firmette.pdf](#) (05-02-2018)

Special Considerations

[0026923 - DR4344CA - D111613 - FIRMette - FIRMETTE Map for WO 16322 DI-111613 C.pdf](#) (05-02-2018)

[0026923 - DR4344CA - CEF - ST 26923 CEF.XLSX](#) (05-02-2018)

[0026923 - DR4344CA - Cost Estimate - ST 26923 Cost Estimate.xlsx](#) (05-02-2018)

Cost Estimate

[0026923 - DR4344CA - Cost Estimate and Invoice - \[26923\] Cost Estimate and Invoices.pdf](#) (05-02-2018)

[0026923 - DR4344CA - Cost Estimate and Invoice - \[26923\] UPDATED - Cost Estimate and Invoices.pdf](#) (05-02-2018)

[0026923 - DR4344CA - SOW - ST 26923 SOW.docx](#) (05-02-2018)

Form 90-91

[PRJ Report 26923 20180621.pdf](#) (06-21-2018)

Application Level

Based on the information provided, Cal OES concurs with FEMA's determination regarding the scope of work and costs described in the subgrant as written. Any change in the scope of work, if applicable, must be submitted to the Cal OES Public Assistance Officer and be approved before work begins. DThorpe  
6/13/18

Bundle Reference # (Amendment #)	Date Awarded
PA-09-CA-4344-PW-00080(90)	07-04-2018

### Subgrant Application - FEMA Form 90-91

**Note:** The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY  
PROJECT WORKSHEET

DISASTER	PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA   4344   -   DR   -CA	0026923	097-99097-00	05-10-2018	C
APPLICANT: SONOMA (COUNTY)			WORK COMPLETE AS OF: 05-02-2018 : 25 %	
Site 1 of 2				
DAMAGED FACILITY: Damage #86621; Ligthing District - Damaged Equipment			COUNTY: Sonoma	
LOCATION: PA-09-CA-4344-PW-00080(0): 2175 Airport Blvd Santa Rosa CA 95403  Current Version:			LATITUDE: 38.46146	LONGITUDE: -122.72512
DAMAGE DESCRIPTION AND DIMENSIONS:				
PA-09-CA-4344-PW-00080(0): Damage #86621; Ligthing District - Damaged Equipment				
General Facility Information:				
Facility Type: Roads (No Culverts)				
Facility: Countywide Road Lighting District				
Facility Description: Street Lighting / Road Signs / Traffic Control Panel. Transportation and Public Works office				
Approx. Year Built: 1930				
Location Description: 2175 Airport Blvd Santa Rosa CA 95403				
Road Type: Asphalt				
Width (ft): 20				
Number of Lanes: 2				
General Damage Information:				
Date Damaged: 10/8/2017				
Cause of Damage: Fire damaged poles, pull boxes, luminaires, wires, fuse holders				
Road Damage:				
Carriage Lane:				
Lighting, 2 each of 27 ft. tall x 6 inch (diameter) steel poles. See attached copy of light pole diagram and spreadsheet for locations, 120 V, Lighting poles were totally damaged by extreme heat from wildfires., 0% work completed.				
Lighting, 7 each of pull box #5 or 5 (T), luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE, 2 #10 THW copper conductors @ 40 ft. ea., & 600v 30A in-line waterproof fuse holder, extreme heat from wildfires, 0% work completed.				
Darbster Place/Willowgreen Place:				
Lighting, 5 each of 27 ft.(L) x 6 in. (diameter) steel poles. See attached copy of light pole diagram and spreadsheet for locations, 120 V, lighting poles & components were totally damaged by extreme heat from wildfires, 0% work completed.				
Lighting, 20 each of pull box #5 or 5 (T), luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE., 2 #10 THW copper conductors @ 40 ft. ea., & 600v 30A in-line waterproof fuse holder., damaged by extreme heat from wildfires, 0% work completed.				

Pacific Heights:

Lighting, 13 each of 27 ft. tall x 6 inch (diameter) steel pole. See attached copy of light pole diagram and spreadsheet for locations., 120 V, Lighting poles and it's components were totally damaged by extreme heat from wildfires, 0% work completed.

Lighting, 68 each of luminaire poles assembly #BXSPR-A-0-3-F-G-U-S-N manufactured by CREE, 2 #10 THW copper conductors @ 40 ft. ea., extreme heat from wildfires, 0% work completed.

Traffic Signal Cabinet with BBU Cabinet:

Traffic Signal, 1 each of 5.5 ft. (L) x 2 ft. (W) steel box traffic control panel box., 5.5 FT long x 2 FT wide, Extreme heat from wildfires burnt and destroyed traffic signal cabinet with BBU cabinet., 100% work completed.

Current Version:

SCOPE OF WORK:

PA-09-CA-4344-PW-00080(0):  
86621 Lighting District - Damaged Equipment

Lighting District – Damaged Equipment

Work to be completed

The applicant will utilize contract and/or Force Account for repairs to the street lighting system for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.

A. Carriage Lane:

1. Remove & Replace 27 ft x 6-in dia. Steel lighting pole-2 ea.
2. Remove & Replace #5 Pull Box - 7 ea.

B. Darbster Place/Willowgreen Place:

1. Remove & Replace 27 ft x 6 in dia. Steel lighting pole - 5 ea.
2. Remove & Replace #5 Pull Box – 20 ea.

C. Pacific Heights:

1. Remove & Replace 27 ft x 6 in dia. Steel lighting pole – 13 ea.
2. Remove & Replace Lum. Pole as'mb'ly. #BXSPR-A-0-3-F-G-U-S-N – 68 ea.
3. Traffic Signal Cabinet with BBU Cabinet – 1 ea.

1A. Design Staff: \$20,000

2A. Labor and Equipment: \$200,000

3A. Material: \$74,436.50

Work to be Completed total: \$294,436.50

Project Notes:

1. Figures in the SIR are approximate due to the large amount of underground work and the writing is difficult to read. This causes discrepancies, however, PDMG and Costing Estimator agree that the figures in the Damage Inventory and DDD are correct.
2. All site estimates for work to be completed were generated using Cal Trans (<http://sv08data.dot.ca.gov/contractcost/>) or Applicants Provided Cost. See attachment labeled ST26923 Cost Estimate
3. Road signs that were captured in the SIR that were reported as 100% complete were separated into a standalone project [34609] and are not a part of this project.
4. GPS coordinates are shown for each light pole on attached Sonoma CO – WO#9020 – DI#86621 – Location Map – Street Lightings 1. Pdf.
5. No street lighting was on FHWA roads.
6. Damage Description and Dimensions referenced Low Water Crossing in DI #111613 as the Facility Type. This is in error and should be dismissed. The Facility Type is Underground Conduit.
7. The Applicant is not Claiming Direct Administrative Costs

Current Version:

Site 2 of 2

DAMAGED FACILITY:

COUNTY: Sonoma

Damage #111613; Lighting district - Conduit			
LOCATION: PA-09-CA-4344-PW-00080(0): 585 Fiscal Dr, Suite 100 Santa Rosa, California 95403  Current Version:		LATITUDE: 38.465475	LONGITUDE: -122.7259
DAMAGE DESCRIPTION AND DIMENSIONS:  PA-09-CA-4344-PW-00080(0): Damage #111613; Lighting district - Conduit  General Facility Information:  Facility Type: Low Water Crossing  Facility: UNDERGROUND CONDUIT SYSTEM AND COMPONENTS  Facility Description: Sonoma County Damaged Underground Streetlight Conductors connected by different type of wire in total 18 lines  Approx. Year Built: 1980  Location Description: Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area. The replacement of the damaged underground infrastructure varies per location. In the Darbster Place/Willowgreen Place Area, 3,357 feet of wires were installed in conduit. These wires have been damaged by the fires and removed by an unknown entity. In the Carriage Lane Area and Pacific Heights Drive Area, 11,651 feet of wires are direct bury. Our surface inspection efforts indicate that these wire show signs of burning and/or extreme heat damage caused by the fire that most likely continues underground  Road Type: Asphalt  Length (ft): 15,008  Width (ft): 20  Number of Lanes: 2  General Damage Information:  Date Damaged: 10/9/2017  Cause of Damage: Fire on October 8 and 9 2017  Low Water Crossing Road Damage:  Carriage Lane Area:  Lighting, 1 each of Line 4 (Conductor Run 4 see attached Map with details) connected poles 88632, 88631, 888630, 88633, 88634, 88635 and 88636 with total length -, 1,265 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.  Darbster Place/Willowgreen Place Area:  Lighting, 1 each of Line 1 (Conductor Run 1 see attached Map with details) connected poles 8063, 8118, 8062, 8069 and 8061 with total length -, 760 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of Line 2 (Conductor Run 2 see attached Map with details) connected poles 8117, 8060, 8116, 8115, 8059, 8114, 8113, 8172 and 8058 with total length -, 1,597 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of Line 3 (Conductor Run 3 see attached Map with details) connected poles 8064, 8068, 8065, 8066 and 8067 with total length -, 1,000 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of Pull Box lid(#5 Christy or N30), lighting pull box lid was damaged (see photo) by extreme heat from wildfires, 0% work completed.  Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area:  Lighting, 1 each of Wire AWG #8 (Black), 15,008 FT long, lighting wire were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of Wire AWG #8 (White), 15,008 FT long, lighting wire were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of Wire AWG #10 (Ground), 15,008 FT long, lighting wire were damaged and compromised by extreme heat from wildfires, 0% work completed.  Lighting, 1 each of 2" Conduit, 11,651 FT long x 0.5 FT wide, damaged streetlight wires , 0% work completed.  Lighting, 95 each of BAF 5 Amp Fuses (1 per 1 Streetlight) -see Schematic Street Light Wiring Diagrams # 605, fuses were damaged and compromised by extreme heat from wildfires, 0% work completed.			

Lighting, 285 each of Cooper C Tap Blue, for AWG 10-8 (3 per 1 Streetlight), 1 IN long x 1 IN wide, cooper C Taps for wire were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 32 each of Electrical Tape (1 per 3 Streetlight), tapes were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 5 each of Scotch-Kote Electrical Coating, electrical coating damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 5 each of 90 degree 40 PVC conduit or rigid galvanized steel to adjoining pull box (see Electrical Service Detail Underground Service drawing # 606), 5 FT long x 2 IN in diameter, conduits were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 5 (Conductor Run 5 see attached Map with details) connected poles 88550, 88551, 88552, 88553, 88554, 88555, 88556 and 88557 with total length -, 1,180 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 6 (Conductor Run 6 see attached Map with details) connected poles 88558, 88559 and 88560 with total length -, 620 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 7 (Conductor Run 7 see attached Map with details) connected poles 88562, 88561, 88563, 88565, and 88566 with total length -, 965 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 8 (Conductor Run 8 see attached Map with details) connected poles 88567, 88568, 88572, 88569, 88570 and 88571 with total length -, 930 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 9 (Conductor Run 9 see attached Map with details) connected poles 88574, 88573, 88617, 88575 and 88576 with total length -, 699 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 10 (Conductor Run 10 see attached Map with details) connected poles 88578, 88577, 88581, 88579, and 88580 with total length -, 650 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 11 (Conductor Run 11 see attached Map with details) connected poles 88582, 88608, 88607, 88606, and 88605 with total length -, 850 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 12 (Conductor Run 12 see attached Map with details) connected poles 88584, 88583, 88600, 88599, 88598 and 88597 with total length -, 995 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 13 (Conductor Run 13 see attached Map with details) connected poles 88593, 88592 and 88591 with total length -, 440 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 14 (Conductor Run 14 see attached Map with details) connected poles 88587, 88588 and 88589, 88590 and 88594 with total length -, 705 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 15 (Conductor Run 15 see attached Map with details) connected poles 88595, 88596, 88601, 88602, 88603 and 88604 with total length -, 855 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 17 (Conductor Run 17 see attached Map with details) connected poles 88614, 88615 and 88616 with total length -, 465 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 18 (Conductor Run 18 see attached Map with details) connected poles 88585 and 88586 with total length -, 135 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Lighting, 1 each of Line 16 (Conductor Run 16 see attached Map with details) connected poles 88609, 88611, 88612, 88610, and 88613 with total length -, 897 FT long, lighting conductors were damaged and compromised by extreme heat from wildfires, 0% work completed.

Current Version:

#### SCOPE OF WORK:

PA-09-CA-4344-PW-00080(0):  
111613 Lighting district - Conduit

Work to be completed

The applicant will utilize contract and/or Force Account for repairs to the underground conduit system and components for Carriage Lane, Darbster Place/Willowgreen Place and Pacific Heights to restore this facility back to its pre-disaster design, function and capacity.

#### A. Carriage Lane Area:

1. Remove & Replace 1,265 LF Lighting Conductors

#### B. Darbster Place/Willowgreen Place Area:

1. Remove & Replace 760 LF Lighting Conductors
2. Remove & Replace 1,597 LF Lighting Conductors
3. Remove & Replace 1,000 LF Lighting Conductors
4. Remove & Replace 1 ea. Pull Box Lid

#### C. Darbster Place/Willowgreen Place Area, Carriage Lane Area and Pacific Heights Drive Area:

1. Remove & Replace 15,008 LF of Wire AWG#8, black

- 2. Remove & Replace 15,008 LF of Wire AWG#8, white
- 3. Replace 15,008 LF of Wire AWG#10, ground
- 4. Remove & Replace 11,651 LF of 2" Conduit
- 5. Remove & Replace 95 ea. BAF 5 Amp Fuse
- 6. Remove & Replace 285 ea. Cooper C Tap Blue
- 7. Remove & Replace 32 ea. Electrical Tape
- 8. Remove & Replace 5 ea. Scotch – Kote Electrical Coating
- 9. Remove & Replace 5 ea. 90 deg. 40 PVC conduit or rigid galv. Steel (5ft. x 2 in)

D. Pacific Heights Drive Area:

- 1. Remove & Replace 1,180 LF Lighting Conductors
- 2. Remove & Replace 620 LF Lighting Conductors
- 3. Remove & Replace 965 LF Lighting Conductors
- 4. Remove & Replace 930 LF Lighting Conductors
- 5. Remove & Replace 699 LF Lighting Conductors
- 6. Remove & Replace 650 LF Lighting Conductors
- 7. Remove & Replace 850 LF Lighting Conductors
- 8. Remove & Replace 995 LF Lighting Conductors
- 9. Remove & Replace 440 LF Lighting Conductors
- 10. Remove & Replace 705 LF Lighting Conductors
- 11. Remove & Replace 855 LF Lighting Conductors
- 12. Remove & Replace 465 LF Lighting Conductors
- 13. Remove & Replace 135 LF Lighting Conductors
- 14. Remove & Replace 897 LF Lighting Conductors

1A. Design Staff: \$45,000

2A. Labor & Equipment \$350,000

3A. Material : \$503,146.98

Work to be Completed total: \$898,146.98

Total Project Cost: \$1,192,583.48

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**PROJECT COST**

ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
1	9000	CEF Cost Estimate (See Attached Spreadsheet)	1/LS	\$ 1,192,583.48	\$ 1,192,583.48
2	9903	No Direct Administrative Costs	1/LS	\$ 0.00	\$ 0.00
				<b>TOTAL COST</b>	<b>\$ 1,192,583.48</b>
PREPARED BY James W Wyatt		TITLE PDMM	SIGNATURE		



APPLICANT REP. Erick Roeser	TITLE Auditor/Controller/Treasurer/Tax Collector	SIGNATURE
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SONOMA (COUNTY) : PA-09-CA-4344-PW-00080					
Conditions Information					
Review Name	Condition Type	Condition Name	Description	Monitored	Status
Final Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Approved
Final Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Approved
Final Review	Other (EHP)	Executive Order 11988 - Floodplains	Sub-Grantee must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination pertaining to these activities and Sub-Grantee compliance with any conditions should be documented and copies forwarded to the State and FEMA for inclusion in the permanent project files.	Yes	Approved
Final Review	Other (EHP)	Clean Air Act (CAA)		No	Approved
Final Review	Other (EHP)	Executive Order 11990 - Wetlands	Best Management Practices The Sub-Grantee shall ensure that best management practices are implemented to prevent erosion and sedimentation to surrounding, nearby or adjacent wetlands. This includes equipment storage and staging of construction to prevent erosion and sedimentation to ensure that wetlands are not adversely impacted per the Clean Water Act and Executive Order 11990.	No	Approved
Final Review	Other (EHP)	Executive Order 11990 - Wetlands	Permitting The Sub-Grantee is responsible for proper identification of wetlands. Under EO11990 - Protection of Wetlands, the Sub-Grantee is responsible for coordinating with and obtaining any required Section 404 Permit(s) from the United States Army Corps of Engineers (USACE) prior to initiating work. The Sub-Grantee shall comply with all conditions of the required permit. All coordination pertaining to these activities shall be documented and copies forwarded to the California Office of Emergency Services and the FEMA Public Assistance Program as part of the permanent project files.	Yes	Approved

SONOMA (COUNTY) : PA-09-CA-4344-PW-00080					
Conditions Information					
Final Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Approved
EHP Review	Other (EHP)	Standard Condition #3	If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #2	This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.	No	Recommended
EHP Review	Other (EHP)	Standard Condition #1	Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.	No	Recommended
EHP Review	Other (EHP)	Executive Order 11988 - Floodplains	Sub-Grantee must coordinate with the local floodplain administrator and obtain required permits prior to initiating work. All coordination pertaining to these activities and Sub-Grantee compliance with any conditions should be documented and copies forwarded to the State and FEMA for inclusion in the permanent project files.	Yes	Recommended
EHP Review	Other (EHP)	Clean Air Act (CAA)		No	Recommended
EHP Review	Other (EHP)	Executive Order 11990 - Wetlands	Permitting The Sub-Grantee is responsible for proper identification of wetlands. Under EO11990 - Protection of Wetlands, the Sub-Grantee is responsible for coordinating with and obtaining any required Section 404 Permit(s) from the United States Army Corps of Engineers (USACE) prior to initiating work. The Sub-Grantee shall comply with all conditions of the required permit. All coordination pertaining to these activities shall be documented and copies forwarded to the California Office of Emergency Services and the FEMA Public Assistance Program as part of the permanent project files.	Yes	Recommended
EHP Review	Other (EHP)	Executive Order 11990 - Wetlands	Best Management Practices The Sub-Grantee shall ensure that best management practices are implemented to prevent erosion and sedimentation to	No	Recommended

SONOMA (COUNTY) : PA-09-CA-4344-PW-00080					
Conditions Information					
			surrounding, nearby or adjacent wetlands. This includes equipment storage and staging of construction to prevent erosion and sedimentation to ensure that wetlands are not adversely impacted per the Clean Water Act and Executive Order 11990.		
Insurance Review	Conditions (Grant Specific)	Insurance	No insurance requirements are mandated for work listed in this project. Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, and vehicles (FEMA Recovery Policy FP 206-086-1).	No	Recommended
Initial Review	Program Conditions (Program Specific)	Standard Conditions	<p><b>RECORD RETENTION/DOCUMENTATION</b> REQUIRED As described in 2 CFR, Part 200 § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a sub-recipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions, Part 200.333, (a) – (f), (1), (2). All records relative to this Project Worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.</p> <p><b>PROCUREMENT</b> In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.</p> <p><b>DIRECT ADMINISTRATIVE COSTS (Declined)</b> The Applicant/Subrecipient chooses not to claim costs to manage and administer its Application as part of the Public Assistance program's grant award. Declining these costs does not exempt the Applicant/Subrecipient from maintaining records adequately and</p>	No	Recommended

SONOMA (COUNTY) : PA-09-CA-4344-PW-00080					
Conditions Information					
			documenting the source and application of funds as required by 2 CFR § 200.413. LARGE PROJECTS The Recipient must submit its certification of the applicant's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work. Project Worksheets written as large projects (costs above the large project threshold) are reimbursed based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.		
Initial Review	Program Conditions (Program Specific)	Standard Conditions	<p>FEDERAL-STATE AGREEMENT REQUIRED The terms of the FEMA-State Agreement are incorporated by reference into this project award under the Public Assistance grant and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Policy and Program Guide; and other FEMA policy and guidance.</p> <p>DHS STANDARD TERMS AND CONDITIONS REQUIRED The DHS Standard Terms and Conditions in effect as of the date of the declaration of this major disaster are incorporated by reference into this project award under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.</p> <p>UNIFORM ADMINISTRATIVE REQUIREMENTS, COST PRINCIPLES, AND AUDIT REQUIREMENTS REQUIRED The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at 2 C.F.R. pt. 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. pt. 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.</p> <p>CHANGES IN SCOPE OF WORK REQUIRED The applicant must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the applicant commences</p>	No	Recommended

SONOMA (COUNTY) : PA-09-CA-4344-PW-00080				
Conditions Information				
			work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.	

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
5	<u>Final Review</u>	GAYRARD MICHAEL	06-30-2018 06:08 AM GMT	DIU Reviewed in Final 6/21/18. rcm
4	<u>Grantee Review</u>	Thorpe Daniel	06-13-2018 03:58 PM GMT	Based on the information provided, Cal OES concurs with FEMA's determination regarding the scope of work and costs described in the subgrant as written. Any change in the scope of work, if applicable, must be submitted to the Cal OES Public Assistance Officer and be approved before work begins. DThorpe 6/13/18
3	EHP Review	THOMACK CINDY	06-12-2018 06:56 PM GMT	<p>CAT C, 25% complete, Sonoma County, CA (County-wide).</p> <p>Utilize force account resources or contracted services to repair the street lighting system throughout the county. All repairs will be to pre-disaster conditions using in-kind materials. No mitigation is proposed for this project.</p> <p>This project has been determined to be Statutorily Excluded from NEPA review in accordance with Section 316 of the Stafford Act. Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding.</p> <p>- tconawa1 - 06/12/2018 16:15:59 GMT</p> <p>The project is located in Sonoma County that is within a nonattainment area for PM 2.5 (2006) and 8 hr Ozone (2008) according to the U.S. Environmental Protection Agency (USEPA):</p> <p><a href="https://www3.epa.gov/airquality/greenbook/anayo_ca.html">https://www3.epa.gov/airquality/greenbook/anayo_ca.html</a> updated May 31, 2018. Based on the scope of work, the potential emissions from project activities are clearly below de minimis thresholds for the General Conformity Rule. Thus, the project is exempt from a conformity determination. See condition. - tconawa1 - 06/12/2018 16:40:36 GMT</p> <p>Portions of the project may be located within wetlands. The proposed project is to repair damaged roads to pre-disaster condition, which is not likely to result in any potential direct impacts that will adversely affect wetlands. The Initial Disaster Public Notice was published on 12/5/17. See Conditions. - tconawa1 - 06/12/2018 16:43:14 GMT</p> <p>***ABOVE COMMENT IS VOID AND NO LONGER APPLICABLE***</p> <p>Project is for the repair of an electrical distribution system extending throughout Sonoma County to pre-disaster condition, which is not likely to result in any potential direct impacts that will adversely affect wetlands. The Initial Disaster Public Notice was published on 12/5/17. See Conditions. - tconawa1 - 06/12/2018 18:48:42 GMT</p> <p>Based on the type of activities as described in the scope of work, this project has been determined to have no effect on Federally listed threatened and endangered species or critical</p>

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
				<p>habitat. - tconawa1 - 06/12/2018 16:30:07 GMT EO 11990: This is not a road project. So, need to use correct comment/conditions pertaining to electrical distribution systems. Page 56 in SOP.</p> <p>Portions of the project may be located within the Special Flood Hazard Area (100-year floodplain, base floodplain). The proposed project is to repair damaged roads to pre-disaster condition, which is not likely to result in any potential direct impacts that will adversely affect the natural values and function of floodplains nor is it likely to increase the risk of flood loss. Initial Disaster Public Notice was published on 12/5/17. See Condition. - tconawa1 - 06/12/2018 16:42:59 GMT ***ABOVE COMMENT IS VOID AND NO LONGER APPLICABLE***</p> <p>Portions of the project may be located within the Special Flood Hazard Area (100-year floodplain, base floodplain). The proposed project is repair of an electrical distribution system extending throughout Sonoma County, which is not likely to result in any potential direct impacts that will adversely affect the natural values and function of floodplains nor is it likely to increase the risk of flood loss. Initial Disaster Public Notice was published on 12/5/17. See Condition. - tconawa1 - 06/12/2018 18:45:55 GMT EO 11998: This is not a road project. So, need to use correct comment/conditions pertaining to electrical distribution systems. Page 63 in SOP</p> <p>The Undertaking was reviewed by Misty Thorsgard, who meets the applicable Secretary of the Interior Professional Qualifications in accordance with Stipulation I.B.1.a. of the Programmatic Agreement among the Federal Emergency Management Agency (FEMA), State Historic Preservation Office (SHPO) and California Office of Emergency Services (Cal OES) signed October 30, 2014. The Undertaking complies with Second Tier Programmatic Allowance II.C1.d. ( Replacement of road lighting systems), and First Tier Pro</p>
2	<a href="#">Mitigation Review</a>	ALVARADO JACQUELINE	06-12-2018 03:13 PM GMT	No technically feasible cost effective mitigation opportunities exist, No further action is required. Jacq. Alvarado 406 HM
1	<a href="#">Insurance Review</a>	MORRIS JEFFERY	05-10-2018 06:18 PM GMT	<p>05-10-18 Insurance coverage for damages listed in this project is not insured. No insurance relief is anticipated.</p> <p>FEMA requires the Applicant to take reasonable efforts to pursue claims to recover insurance proceeds that it is entitled to receive from its insurer(s). In the event that any insurance proceeds are received for these expenses those proceeds must be reduced from FEMA Public Assistance funding to ensure no duplication of benefits has occurred.</p> <p>No duplication of benefits from insurance is anticipated for work described in this application. In the event any part or all costs are paid by an insurance policy, a duplication of benefits from insurance will occur. Applicant must notify grantee and FEMA of such recoveries and the Sub-Grant award amount must be reduced by actual insurance proceeds.</p> <p>No insurance requirements are mandated for work listed in this project. Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, and vehicles (FEMA Recovery Policy FP</p>

Internal Comments				
No.	Queue	User	Date/Time	Reviewer Comments
				206-086-1).  No previous disaster requirements were found for locations identified in this project.  No insurance Narrative will be produced or uploaded into documents or attachments.  Jeff Morris, PA Insurance Specialist, CRC Lewisville, TX

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