

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

08/23/2018

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

CA

8. APPLICANT INFORMATION:

* a. Legal Name:

State Building & Construction Trades Council of California

* b. Employer/Taxpayer Identification Number (EIN/TIN):

(b) (6)

* c. Organizational DUNS:

(b) (6)

d. Address:

* Street1:

1231 I Street

Street2:

Suite 302

* City:

Sacramento

County/Parish:

Sacramento

* State:

CA: California

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code:

95814-2933

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Debra

Middle Name:

* Last Name:

Chaplan

Suffix:

Title:

Director of Special Programs

Organizational Affiliation:

State Building & Construction Trades Council of California

* Telephone Number:

15103319144

Fax Number:

15102881346

* Email:

(b) (6)

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Occupational Safety and Health Administration

11. Catalog of Federal Domestic Assistance Number:

17.502

CFDA Title:

Occupational Safety and Health Susan Harwood Training Grants

* 12. Funding Opportunity Number:

SHTG-FY-18-01

* Title:

Susan Harwood Targeted Topic Training Grants

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Training California Construction Workers on Confined Space Hazards (or something)

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="150,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="150,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**☐ a. This application was made available to the State under the Executive Order 12372 Process for review on ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.☒ c. Program is not covered by E.O. 12372.*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:Prefix: * First Name: Middle Name: * Last Name: Suffix: * Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed:

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 01/31/2019

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Susan Harwood Targeted Training Topic Administration	17.502	\$ 25,048.00	\$	\$	\$	\$ 25,048.00
2. Susan Harwood Targeted Training Topic Program	17.502	124,952.00				124,952.00
3.						
4.						
5. Totals		\$ 150,000.00	\$	\$	\$	\$ 150,000.00

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SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Susan Harwood Targeted Training Topic Administration	Susan Harwood Targeted Training Topic Program			
a. Personnel	\$ 17,007.36	\$ 66,027.12	\$	\$	\$ 83,034.48
b. Fringe Benefits	5,102.21	19,808.14			24,910.35
c. Travel	1,846.00	4,206.25			6,052.25
d. Equipment	0.00	0.00			0.00
e. Supplies	95.00	1,200.00			1,295.00
f. Contractual	0.00	13,350.00			13,350.00
g. Construction	0.00	0.00			0.00
h. Other	997.00	20,360.80			21,357.80
i. Total Direct Charges (sum of 6a-6h)	25,047.57	124,952.31			\$ 149,999.88
j. Indirect Charges					\$
k. TOTALS (sum of 6i and 6j)	\$ 25,047.57	\$ 124,952.31	\$	\$	\$ 149,999.88
7. Program Income	\$	\$	\$	\$	\$

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program		(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8.	Susan Harwood Targeted Training Topic Administration	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
9.	Susan Harwood Targeted Training Topic Program	0.00	0.00	0.00	0.00
10.					
11.					
12. TOTAL (sum of lines 8-11)		\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 150,000.00	\$ 31,606.00	\$ 58,785.28	\$ 40,283.37	\$ 19,325.35
14. Non-Federal					
15. TOTAL (sum of lines 13 and 14)	\$ 150,000.00	\$ 31,606.00	\$ 58,785.28	\$ 40,283.37	\$ 19,325.35

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program		FUTURE FUNDING PERIODS (YEARS)			
		(b)First	(c) Second	(d) Third	(e) Fourth
16.	Susan Harwood Targeted Training Topic Administration	\$	\$	\$	\$
17.	Susan Harwood Targeted Training Topic Program				
18.					
19.					
20. TOTAL (sum of lines 16 - 19)		\$	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 150,000	22. Indirect Charges:
23. Remarks:	

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Debra Chaplan	President
APPLICANT ORGANIZATION	DATE SUBMITTED
State Building & Construction Trades Council of California	08/23/2018

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CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION

State Building & Construction Trades Council of California

* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: Mr. * First Name: Robbie Middle Name:
* Last Name: Hunter Suffix:
* Title: President

* SIGNATURE: Debra Chaplan

* DATE: 08/23/2018

Project/Performance Site Location(s)

Project/Performance Site Primary Location ☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name: State Building & Construction Trades Council of California

DUNS Number:

* Street1: 1231 I Street

Street2: Suite 302

* City: Sacramento

County: Sacramento

* State: CA: California

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code: 95814-2933

* Project/ Performance Site Congressional District: CA-006

Project/Performance Site Location 1 ☐ I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name:

DUNS Number:

* Street1:

Street2:

* City:

County:

* State:

Province:

* Country: USA: UNITED STATES

* ZIP / Postal Code:

* Project/ Performance Site Congressional District:

Additional Location(s)

Add Attachment

Delete Attachment

View Attachment

Application Summary

State Building and Construction Trades Council:
Susan Harwood Capacity Building Developmental Grant

1. **Applicant Organization:**
State Building and Construction Trades Council of California
1231 I Street #302, Sacramento, CA 95814
2. **Authorized Organizational Representative:**
Robbie Hunter, President
State Building and Construction Trades Council of California
1231 I Street #302, Sacramento, CA 95814
rhunter@sbctc.org • 916-443-3302
3. **Project Directors:**

Debra Chaplan, Director of Special Programs State Bldg. & Const. Trades Council 740 Walker Avenue, Oakland, CA 94610 dchaplan@sbctc.org • 510-832-6450	Laura Boatman, Project Coordinator State Bldg. & Const. Trades Council 1231 I Street, #302 Sacramento, CA 95814 lboatman@sbctc.org • 916-443-3302 x124
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4. **Financial Representative:**
Arlene Holm, Bookkeeper
State Building and Construction Trades Council of California
1231 I Street #302, Sacramento, CA 95814
aholm@sbctc.org • 916-443-3302
5. **Grant Type:** Targeted Training Grant.
6. **Grant Topic:** Excavation & Trenching Hazards in the Construction Industry
7. **Target Audience:** 400,000 unionized construction workers (all crafts) and contractors/employers throughout California, and possibly nationwide.
8. **Federal Funds Requested:**

Administration:	\$ 25,048
Program:	\$124,952
Total:	\$150,000
Non-Federal Funds: \$0.00	
9. **Projected number to be trained: 1,053**
Cost Per Trainee: \$142.45
10. **Projected contact hours: 1,245**
Cost per Contact Hour: \$120.48
11. **Affiliations:** The State Building Trades Council is affiliated with North America's Building Trades Unions (NABTU).
12. **Congressional Districts:** The SBCTC's headquarters are in the CA-006 district. The project will be statewide: CDS: CA-001-053, with the potential for nationwide outreach for first and second-tier trainees.

Program Abstract

The State Building and Construction Trades Council of California proposes to provide three Train-the-Trainer sessions (15 hours each) on Excavation Hazards in the Construction Industry. The primary targeted audience is unionized Construction workers in California; trainees will include California construction unions (business reps, apprenticeship instructors) and employers (supervisors, foremen, safety staff), with additional outreach to trainers across the U.S. Trainees will then conduct second tier training for a minimum of 960 workers (480 hours). We will also do direct training (45 workers/hours minimum). Training will focus on the dangers associated with excavations with an emphasis on trenching, soil classification, improper or ineffective barriers, water accumulation, hazardous atmospheres, hazards of vehicles, falling loads, underground power-lines and utility issues. We'll also look at the methods and protective systems—sloping, shoring and shielding—for ensuring that trenches do not collapse. The SBCTC plans to develop a new interactive curriculum, with PowerPoint, activities, and resources, targeted to this audience, utilizing materials developed by other grantees and agencies and developing new materials. Training will be in English; materials will be available in English and Spanish. Evaluation activities will include Level 1 and Level 2 evaluations, and observations of 3-4 trainers as they conduct second-tier training. We will also continue to build and promote our Safety Hub website: safety.sbctc.org.

Susan Harwood Targeted Training Grant Proposal
State Building & Construction Trades Council of California
Topic: Excavation & Trenching Hazards in Construction
Audience: California/Nationwide construction workers

A. Organization Background

A1. History and mission:

The State Building and Construction Trades Council of California (SBCTC), the California affiliate of North America's Building Trades Unions (NABTU), has 157 affiliated unions from 14 different construction crafts and about 125 affiliated Joint Apprenticeship Training Committees (JATCs) that are responsible for training apprentices and providing journeyman upgrade training throughout the state. The SBCTC also partners with several employer associations and contractors who provide tailgate safety training to the workers on their jobs.

The mission of the SBCTC is to "improve the health, jobs, safety and economic conditions of the members of its affiliates, and all working men, women, and minors in the construction industry," and the council has taken that mission to heart since its founding in 1901.

The SBCTC has run numerous educational programs for our affiliates, contractors and JATCs. In addition to the OSHA/Harwood grants that we've had since 2000, we've also run a nationally-acclaimed tobacco education and prevention program for seven years funded by the state of California; conducted a construction careers outreach program with schools and communities funded by the State Workforce Development Board; and held a contract with California's Employment Training Panel to support JATCs.

A2) Occupational Safety and Health Experience

The SBCTC received targeted training grants for seven years before getting our first four-year Capacity Building Developmental Grant in 2011, and second developmental grant in 2016. When these grants were ended in 2018, we applied for and got another targeted training topic grant. Initially, we worked in partnership with the Labor Occupational Health Program (LOHP) at UC Berkeley to develop

curricula and offer Train-the-Trainer (TOT) classes on the following topics: Toxics in Construction, Sprains and Strains/Ergonomics in Construction, Focus Four Hazards, Fall Prevention and Rescue Planning, Construction Noise and Hearing Loss Prevention, and effective Tailgate Training.

In 2016, we brought curriculum development on the topic of Silica in Construction in-house. While it was significantly more work than we had anticipated, we're very pleased with the results; we held four TOTs instead of three because of the huge demand, and the Center for Construction Research and Training (CPWR) invited Project Coordinator Laura Boatman to conduct a webinar for its trainers nationwide. We also developed the curriculum for our most recent topic, Electrical Hazards for Non-Electricians. In each of our Susan Harwood grants, we have met and exceeded our training goals for both first and second-tier trainees, and our training has received excellent evaluations from the trainees. We know, anecdotally and from a recent survey of silica trainees conducted by students in the Occupational Health Internship Program (OHIP), that our curricula are used on a continuing basis, well past the grant year.

We have conducted Level I and II evaluations since our first Harwood grant started in 2000. We always utilize pre- and post-tests at our TOT classes and have trainees complete a written evaluation form. We conducted Level III evaluations for the years that we held Capacity Building Developmental Grants; these included extensive Survey Monkey surveys 3-4 months after the training to assess how the information had been retained and utilized. Our greatest challenge has been to get evaluations of second-tier trainings; we provide pre- and post-tests and evaluation forms for the trainers to utilize but getting these returned has been difficult. We started conducting observations of second-tier training in 2016, and propose to continue this practice.

A3. Experience with Grants over the last five years

Susan Harwood Training Grants: The SBCTC has received Susan Harwood Training Grants for all but four years since 2000. (See full list in the appendix.) We have experience not only with developing the curricula and carrying out the training program, and also with completing the quarterly and close-out reports and financial reporting. Since we started receiving Susan Harwood Training Grants, we have conducted three to four TOT classes and four to eight Hazard Awareness Seminars each year on a variety of topics. We have developed PowerPoints with extensive trainer notes, amassed a wide variety of training resources from other sources, and produced our own fact sheets and videos. To date, we have always met and exceeded our training goals.

CPWR/NIOSH Small Study Grant: In 2017, we received a \$30,000 “small study grant” from the Center for Construction Research and Training (CPWR/NIOSH) to research awareness among California construction workers and employers about Nanotechnology in Construction. We completed the study in April 2018 and look forward to getting the results published in the next several months. The results of our 2010 Small Study on Ergonomics in Construction were published in the *American Journal of Industrial Medicine*.

Employment Training Panel: Since 2009, we have received funding annually from this state agency to support JATC training.

California Workforce Development Board: In 2017, we were granted funding to work with and promote apprenticeship readiness programs throughout the state. We are currently providing technical assistance and developing an extensive website and videos to advance pre-apprenticeship and the multi-craft core curriculum.

B. Staff Experience

Debra Chaplan will serve as Project Director (8%), overseeing the development of the curriculum, the training deliverables and the project finances. She has held the position of Director of Special Programs for the SBCTC since 1998 and has overseen the successful conduct of the previous Susan Harwood Grants, as well as producing the videos and promotional materials for the programs. She also directed the BUILT program, a state-funded program on tobacco education for construction workers. She has a master's degree in Non-Profit Management and worked for the New York Committee for Occupational Safety and Health for four years before moving to California. She currently serves as a board member of Worksafe, a California non-profit that promotes health and safety. (See biosketch in appendix.)

Laura Boatman will continue to serve as Project Coordinator (80% for three months to develop the curriculum and 60% for the remainder of the grant term). Laura came to the SBCTC to coordinate our first Susan Harwood grant in 2000, handling outreach, logistics, follow-up, and quarterly and close-out report writing. In the following years that we've had OSHA funding, she has taken on additional responsibilities including developing the TOT curriculum and power-point presentations and co-teaching the TOTs and hazard awareness seminars. In each year, her outreach efforts and follow-up with trainees have ensured that the SBCTC has met and exceeded our training goals. Laura recently completed our research study on Nanotechnology in construction, and previously conducted our study on ergonomics in construction. (See biosketch in appendix.)

Arlene Holm works as the Bookkeeper for the SBCTC and will continue to oversee funds administration and fiscal reporting (10%).

Lynn Schorno has worked for the SBCTC for more than 20 years in many capacities, including IT Coordinator and meetings manager. She will continue to work on the logistics and outreach for the grant (20%).

We will consult with Nazima El-Askari, who recently retired from the Labor Occupational Health Program at UC Berkeley. She will work with us on the curriculum conceptualization and development and to co-teach the 2-day Train-the-Trainer classes with Laura Boatman. She will work with us on this project for approximately 15 days. Until we took the curriculum development in-house, Nazima created our curricula on a variety of construction safety and health topics and has vast experience as a trainer of trainers and workers.

We will contract with LOHP to work with their Researcher, Karen Andrews, MLS, for two days. She will help us research background information for the curriculum development and create a resource guide to distribute to the trainees. As a professional librarian with a strong background in safety and health, she has provided our team a wealth of topic-specific information that would have taken us significantly longer to gather on our own.

We will identify a Spanish-language trainer who can review the Spanish translation to ensure that it does not veer from the English version and that it explains the safety and health concepts as clearly as possible and who has occupational safety and health training experience utilizing adult learning techniques (approximately 1.5 days).

The SBCTC's organizational chart is in the Appendix.

C. Problem, Purpose and Funding Needs

Trenching-related injuries continue to plague the construction industry, despite the availability of well-known and effective control methods, such as sloping and benching, shoring, and trench boxes and shields. Although trench collapses are not the most common cause of construction deaths, collapses are likely to result in death or serious injury within minutes. Other workers are often at risk trying to conduct rescues.

Excavation and trenching operations are among the most dangerous in the construction industry because of the risk of flooding in the trench and because just one cubic yard of dirt can weigh as much as a car. OSHA data shows 23 construction workers were killed in trench collapses in 2016, exceeding the combined total from 2014 and 2015. According to *Occupational Health and Safety Magazine*, in the first five months of 2017, 15 deaths and 19 injuries related to trench and excavation operations have been reported nationwide.

Two of these fatalities occurred in California just since May. The first was a worker who died at a Lake Forest (Orange County) construction site; construction crews handling the grading for a tract home project were using an excavator to dig when a side of the trench gave way, burying the worker about 17 feet deep. And in July, two men were working on installing a storm drain for a new housing development in Daly City (San Mateo County). Abel Saucedo Quinonez, 34, was killed when the 12-foot deep trench gave way; he wasn't able to escape and the effort to recover his body went on for more than 12 hours.

OSHA has announced that one of its priority goals for 2018 is to reduce trenching and excavation accidents by educating employers and workers on safe cave-in prevention solutions and decreasing the number of trench collapses. We hope to play a role in helping OSHA achieve that goal.

We propose conducting three train-the-trainer sessions and 3-5 hazard awareness sessions (direct training) on the topic of Excavation Hazards in Construction. Our training will target workers from all construction crafts who work directly on excavation work or may come in contact with it. This includes operating engineers, laborers, electricians, plumbers and pipefitters, carpenters, and possibly others. Our goal is to bring together a cross-section of the trades that deal with this issue so that they can share best practices and learn from each other's experience.

Our training will focus on the dangers associated with excavations with an emphasis on trenching, soil classification, improper or ineffective barriers, water accumulation, hazardous atmospheres, hazards of vehicles, falling loads, underground power-lines and utility issues. We'll also look at the methods and protective systems—sloping, shoring and shielding—for ensuring that trenches do not collapse.

D. Work Plan

D1) Training material acquisition

We will develop a new curriculum on Excavation and Trenching in Construction. As always, in an effort to avoid reinventing wheels, we look for trainings created under previous Harwood grants and will review materials created by OSHA and CPWR to serve as the basis for our curriculum. We will also include a section on workers' rights and whistleblower protections.

We are very excited to note that CPWR has agreed to share with us their findings of a new study on recent trends in excavation and trenching fatalities; a key goal of the study is to better understand barriers to implementing known protections. The study should help inform the messaging of our curriculum.

Key to the success of our program is to build capacity of the people we train to provide excellent training on this topic as well as on all safety and health topics they teach. For that, we not only provide a printed binder and flash drive that includes the PowerPoint presentation with detailed instructor notes, an array of factsheets and resources, but we also provide techniques for them to modify the curricula to meet their needs, find more background information, and implement and develop a range of interactive teaching activities. Further, our TOT program is always a model of the adult learning techniques that we want our trainers to utilize. With a two-day TOT, we are able to spend time teaching about successful strategies for adult learning.

Another strength of our training is that it is multi-craft and involves labor and management. With that in mind, our training is broadly applicable to people from every construction craft, and for workers, union representatives, apprenticeship instructors, and employers from around the nation. However, because our primary focus is California construction, we will work with Cal/OSHA to ensure accuracy and compliance with California standards, and explain any differences between OSHA and Cal/OSHA standards, if they exist.

Our goal is to create the training program by mid-February so that OSHA has time to review it for us to replicate and use it for our TOTs in April and May. We will translate the PowerPoint (PPT), teaching notes and activities into Spanish. The Spanish content will be a direct translation of the English version as approved by OSHA. We will post both versions on our website.

D2) Targeted audience

The training population for the SBCTC's Targeted Topic Training grant is the 400,000 unionized construction workers in California, including Spanish-speaking union workers. We will work with the unions, apprenticeship programs, and employers across the state to reach this audience.

Last year, for the first time, we worked with the Center for Construction Research and Training to reach out to their union trainers in California and around the nation. Not only did this result in a new audience of California trainers, but also generated participants from Illinois and Nevada who took the TOT and brought it back to workers in those states. While our primary focus remains California workers, we will welcome trainees from across the nation.

Our training program addresses several key target audiences that OSHA is trying to reach. Construction remains a high-hazard industry with high fatality rates. According to OSHA, one in five worker deaths are in the construction industry. This number has been creeping up since 2013, likely due to the strengthening of the economy.

According to the latest CPWR Construction Chart Book (2018), approximately 81% of the employers that our members work for have one to nine employees, and 98.9% of the employers have 99 or fewer employees. Approximately 80.6% of all construction workers, even in the unionized sector, are primarily working for small employers who often do not have safety and health experts on staff.

Of the 24.7% of construction workers that are foreign-born, more than 84% are from Spanish-speaking countries in the Americas, creating a great need for training material in Spanish. This is not

only for construction workers who work out of California's Day Labor Centers, who are predominantly Spanish-speakers and have little access to good information about safety, but also for members of unionized construction crafts, many of which have more than 30% Spanish-speaking workers. While the unions believe that these workers best serve themselves on the job when they learn English, some also believe that basic safety training for workers should be offered in the workers' native language. We will get the PowerPoint presentation and key resources translated into Spanish and make those materials available to both Day Labor Centers, to union apprenticeship programs and to all of our TOT trainees.

D3) Recruitment of trainees

Trainees for the TOTs will be recruited from unions, apprenticeship programs, contractor groups, and previous TOT lists. Availability of Hazard Awareness Seminars will be advertised to unions, apprenticeship programs, contractor associations, and safety conference organizers.

Outreach will take many forms. The SBCTC has a blast fax/e-mail list that we utilize to send information to every California building trades union and JATC. We also maintain a list of contractors and contractor associations, and have e-mail addresses for all previous trainees, with whom we are in regular contact during the grant cycle. We also post our material on our Safety Hub website (safety.sbctc.org). We will create promotional leaflets that we mail, e-mail and blast fax to that full list as well as to previous trainees. We will also work with CPWR, the national construction safety organization, to help us reach out to their list of more than 6,500 trainers around the nation, many of whom are in California. While our primary target is California trainers, in the last year, through this list, we did train some trainers from Illinois and Nevada, and would welcome trainers from around the nation.

We follow-up with phone calls to ensure that the classes are filled with a good mix of labor and management from multiple crafts. All recruitment materials will be submitted to OSHA for review and approval.

We also do significant outreach to those who attended our TOT classes to ensure that they complete their second-tier training. This includes blast e-mails, production of one or two newsletters that both provide new information about the hazards and remind them to complete their training and submit their forms and phone calls. construction firms across all subsectors of our industry.

CPWR has already invited us to conduct a webinar about the curriculum that we develop under this grant and will promote it through their electronic newsletters and social media feeds. These webinars are free and open to any interested party and are archived online for later viewing. CPWR's trainers were highly receptive to our silica training and would likely use fresh training materials developed through this proposed project.

D4) Primary training topic for 2018/19: Excavation and Trenching Hazards in Construction

The content of our Excavation & Trenching Hazards training will include a highly visual, interactive curriculum that:

- Identifies potential injuries and risk factors related to excavation and trenching, as well as control strategies and best practices to protect workers when they are exposed to the hazards.
- Two guest speakers will supplement our training. One will likely be from the International Union of Operating Engineers (IUOE) to talk about what they do to work safely and what their members see on the jobsite. The second guest speaker will be from Cal/OSHA, who will discuss problems and solutions found in the field and standards relevant to excavation and trenching hazards.
- Additional aspects of the training will review workers' right to safety and health on the job,

whistleblower protections, and employers' responsibilities. It will also cover effective teaching strategies and principles of adult learning. We will review guidelines for teaching and reporting second-tier training; and complete evaluation levels one and two.

Our goal in developing the curricula is to provide a well-designed, up-to-date, engaging, interactive training program that can be replicated with ease and accuracy in a variety of settings to disseminate the information to the maximum number of workers. Most importantly, we want to build capacity of the people we train to provide their own excellent training; this includes presenting a TOT that focuses on successful Adult Education techniques, is participatory in nature, includes at least one activity with each training module, and incorporates hands-on demonstrations that expose participants to best solutions available in the field.

During the TOT class, we will provide participants with second-tier reporting forms and emphasize the importance of completing training and submitting documentation within the quarter that the training is delivered. In this grant year, we expect each person who attends the TOT to provide second-tier training to a minimum of 20 other people, for a minimum of 960 people. Second-tier training is generally conducted on the job-site at tailgate meetings, at apprenticeship classes, and at safety trainings. We estimate that the average training will be about 45-60 minutes, with jobsite training at about 30 minutes, and classroom training at about 2-hours.

Our TOT model has proven successful as our trainers have always met and exceeded second-tier training goals. In addition to e-mails and phone outreach, we send out 1-2 newsletters that provide new information on the topic and reminders about completing second-tier training.

Cal/OSHA supports our proposal and has agreed to participate in our TOT trainings, as they have in many of our previous years (see letter of support in appendix). They will also review our training program and materials to ensure that references to standards and regulations are correct and up-to-date. As the lead governmental organization in California responsible for enforcing construction safety orders,

it is essential to have their involvement in our programs. Not only does this enhance our training credibility among participants—especially employers—it also keeps us connected to the safety issues that are most prevalent at construction job sites and the specific problems or training deficits we can help to improve through our program.

D5) Where or how training will take place:

We will conduct three 2-day TOT sessions (15 hours) in Sacramento, Southern California, and the Bay Area, each for 16-30 people. We will hold one in the State Building Trades Council's training facility in Sacramento and the other two will be held at apprenticeship training facilities. Each person attending the training will be expected to train a minimum of 20 construction workers—on the jobsite, at an apprenticeship program, or at a special-called union or safety training.

The participants in these classes will be safety staff and foremen, apprenticeship coordinators and instructors, and employer reps. Each of these groups has important access, capacity and authority to directly train workers on this potentially fatal hazard.

In addition, our Project Coordinator will teach 3-5 Hazard Awareness Seminars for unions and employers. These will be one to four hours in length, depending on the need of the host.

D6) Number of trainees and contact hours for each type of training event

Audience	Type of training	Length of Training	Projected Number Trained	Total Contact Hours/training
Union leaders, employer reps, apprenticeship instructors	Train the Trainer	15 hours	16 ppl/TOT (minimum) @ 3 TOTs = 48 trainees	720 hours
Construction workers at job sites, apprenticeship programs	Second-tier training	20 ppl per trainer 30-120 minutes	960 trainees (minimum)	480 hours
Construction Workers (apprentices and journeymen), foremen, supervisors, safety staff	Direct Training: Hazard Awareness Seminars (in English/Spanish)	1-4 hours	15 ppl/seminar (minimum) @ 3-5 seminars = 45 trainees	45 hours
TOTAL			1,053	1,245

D7) Planned activities for conducting Levels 1 and 2 training evaluations

We have long experience conducting both process and content evaluations, keeping lists of those who have been trained on file, and developing pre- and post-tests and evaluation forms about the quality of the trainings that we deliver. We also conducted Level 3 evaluations for the four years of our first Capacity Building Developmental Grant.

Level 1: Training Session Reaction Assessment: We will use written evaluations at all TOTs and Direct Training seminars that we conduct. For low-literacy audiences, we will do a verbal group evaluation and keep notes on the feedback and comments. For TOT participants we will stress the importance of satisfying Level 1 assessment for second-tier training and give trainers options and instruction on various evaluation techniques.

Level 2: Learning Assessment: We will utilize a pre and post-test for all TOT participants. With two-day TOTs, we grade and compare the two test-results between days one and two and conduct a group review of the test to assure trainees have correct information. Sometimes, we find that the wording of a question was confusing, or the information could have been delivered more clearly. We

will make adjustments as needed. For direct training less than four hours in length, we will determine which learning assessment best fits the audience, either a written pre/post test, an evaluation form that asks participants to list 3-4 things they learned in the training, or a verbal quiz or activity.

In an effort to ensure quality control of second-tier training and to be able to evaluate how the training is utilized in the field, we will attempt to visit 3-5 trainers around the state and observe them conducting second-tier training. Our goal will be to evaluate how successfully they utilize the curriculum we provided and to observe how it is received. Where feasible, such as in an apprenticeship class, we will use this opportunity to institute a pre-test/post-test of the second-tier training by the students along with an evaluation form. (This may not be feasible at an on-the-job training, due to time constraints.)

D8) Anticipated benefits in training the workers and employers

Our goal in providing this training is to raise the level of awareness of excavation hazards and prepare workers to avoid or work safely around those hazards. After receiving this training, workers will have a practical understanding of the dangers associated with working in and around unprotected trenches, be able to recognize situations that put them at risk and know best practices and actions to take if they are exposed to dangerous conditions. Employers will receive up-to-date materials and learn ways to provide more effective training for workers.

The SBCTC is continuing to build our California Construction Safety and Health Resource Hub—our safety and health website designed to engage workers and employers in the unionized construction sector statewide to understand the hazards in our industry (safety.sbctc.org). By including all of our curricula and training materials, as well as links to other resources, safety organizations and websites, we can focus on delivering our own training while also connecting people to other useful programs and materials.

E1) Work Plan Activities

A. Materials development		
Quarter 1-2 October 2018-February 2019	Project Coordinator Laura Boatman will develop a new curriculum on Excavation & Trenching Hazards in Construction. The training will be highly interactive, showcasing a variety of training methods. Laura will create a PPT presentation, training binder with agenda, factsheets, and other resources; she will consult with Nazima El Askari on the curriculum design and content.	Training binder and materials submitted to OSHA.
Quarter 2 March 2019	Boatman will ensure that OSHA reviews training materials in a timely manner.	Letters will be kept on file.
Quarter 3 April-June 2019	Following OSHA approval, SBCTC will get PPT, teaching notes, activities and any factsheets that we create translated into Spanish. We will have a native Spanish speaking construction trainer review the translation to ensure that it is literacy-appropriate and clear.	Materials will be kept on file
B. Trainings:		
	b1. Three 2-day Train the Trainer sessions	
Quarter 1-2 November 2018-February 2019	Project Assistant Lynn Schorno will identify training sites and handle logistics for the TOT workshops (Sacramento, Bay Area and Southern California). Trainings are held at donated space—usually these are JATCs. The SBCTC will donate the cost of refreshments/meals for each 2-day session.	Letters and promotional materials will be kept on file
Quarter 1-2 December 2018-January 2019	Project Director Debra Chaplan will develop promotional materials (that will be sent to OSHA for approval). Schorno and Boatman will recruit via e-mail, letter and phone follow-up to employer associations, unions and apprenticeship programs as well as to past trainers	Letters and promotional materials will be kept on file
Quarter 3 April-May 2019	16-30 people will participate in each of the three TOT training sessions. Total trained in 3 TOTs: 48 (minimum) Total contact hours: 720 (minimum)	Attendance sheets will be kept on file.
Quarter 3 April-May 2019	SBCTC will administer written evaluations and pre- and post-tests, and/or other evaluative measures to all participants	Tests and evaluation forms kept on file.

Quarter 3-4 May-September 2019	Each TOT trainee will be expected to do second-tier training consisting of a 30-90 minute workshop (45 minutes on average) at the worksite, union, or apprenticeship school for a minimum of 20 workers. Total second-tier trainees: 960 (minimum) Total contact hours: 480 (minimum)	Sign-in sheets for the workshops will be returned to the Project Assistant.
Quarter 3-4 May-September 2019	Boatman and Schorno will follow-up with trainers by e-mail, phone and mail to ensure they are meeting their second-tier training numbers and completing their training forms & evaluations.	Follow-up newsletters & letters will be kept on file.
b2. Direct Training: Hazard Awareness Seminars		
Quarter 3-4 April-September 2019	Schorno and Boatman will contact (by e-mail, letter and phone) apprenticeship programs, unions, and employer associations to promote our direct training, set up training dates and coordinate logistics with interested organizations.	Letters and promotional materials on file
Quarter 3 May-June 2019	Boatman will modify training programs to meet time allotment and audience needs.	Curricula on file
Quarters 3-4 June-September 2019	Boatman will conduct 3-5 seminars on Excavation & Trenching Hazards. Total trained in 3-5 sessions (1-4 hours): 45 (minimum) Total training hours: 45 (minimum)	Agendas and promotional leaflets on file
C. Evaluation		
Quarter 2-3 January-June 2019	TOT and direct training participants will complete Level 1 and 2 assessments at the training sessions. TOT participants will be instructed on how to complete Level 1 and 2 assessments for their 2nd-tier training.	Tests and evaluations will be kept on file.
Quarter 4 July-September 2019	Boatman & Chaplan will observe 3-5 trainers as they conduct their second-tier trainings. When feasible, SBCTC will administer pre- and post-tests, and written evaluations to second-tier trainees.	Tests and evaluations will be kept on file.

D. Administrative Functions		
Quarters 1, 2, 3, 4 and close-out Jan, April, July, Sept, Dec 2019	Boatman will complete Quarterly and Close-out reports for the program, and Bookkeeper Arlene Holm will complete the financial reports.	Reports on file
Quarter 1 Oct or Nov 2018	Boatman and Holm will attend Orientation Meeting in Chicago	Attendance in Chicago
Quarter 3 May or June 2019	OSHA Site visit will review program and financial progress and reporting (Boatman, Chaplan and Holm)	Meeting in Sacramento

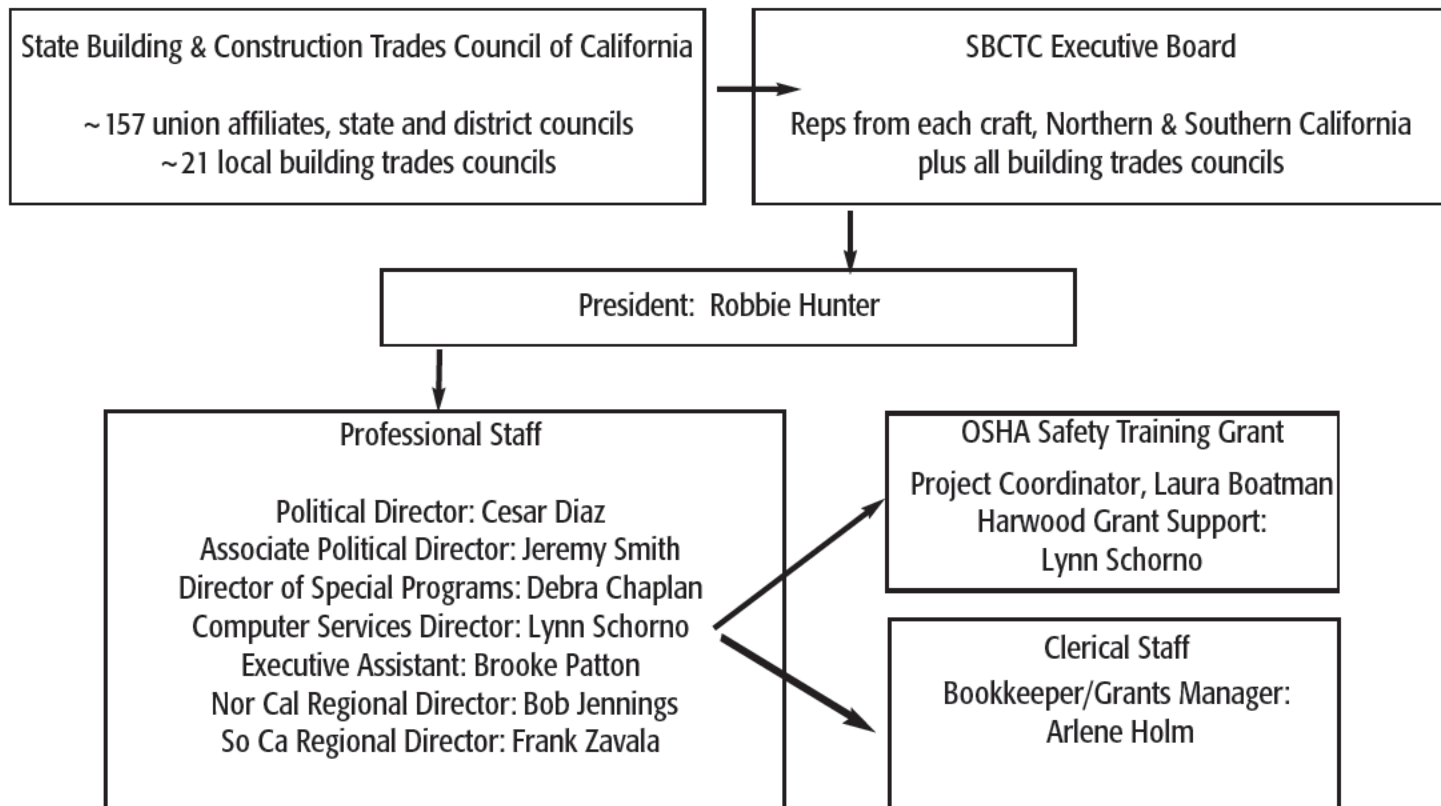
Activities Timeline at a Glance	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Activities	Sept 30, 2018 – Dec. 31, 2018	Jan. 1, 2019 – Mar 31, 2019	Apr 1, 2019 – June 30, 2019	July 1, 2019 – Sept. 30, 2019
Set TOT schedule for 3 TOTs				
Go to Chicago for OSHA orientation				
Develop curriculum and other training resources				
Obtain OSHA approval of TOT training materials and handouts				
Translate curriculum into Spanish				
Obtain OSHA approval of Spanish-language translations				
Conduct Outreach and Logistics for three TOTs				
Hold 3 TOTs (Northern, Central and Southern California)			3 TOTs 48 trainees 720 hours	
Conduct outreach for hazard awareness seminars.				
Hold Hazard Awareness seminars (1-4 hours).			1-3 Seminars 15 people 15 hours	1-3 Seminars 30 people 30 hours
TOT participants complete & report on second-tier training			200 second-tier trainees 100 hours	760 second-tier trainees 380 hours
SBCTC observes 3-5 second-tier trainings				
Follow-up with trainees for 2 nd tier training support (newsletters, phone, e-mail)				
Quarterly program/fin reports				
Year-end close out Report				December 2019

Quarter	Performance Period	Projected Trainees	Projected Contact Hours
Quarter 1	October 1 to December 31	0	0
Quarter 2	January 1 to March 31	0	0
Quarter 3	April 1 to June 30	263	835
Quarter 4	July 1 to September 30	790	410
Totals		1,053	1,245
Total funding (federal and non-federal)		\$150,000	\$150,000
*Costs per Trainee/Contact Hour		\$142.45	\$120.48

F) Meetings, Reporting, and Documentation

We have budgeted to have our program and administrative staff each attend the Orientation Meeting in Washington, D.C., and will be glad to host OSHA's program and administrative staff at our office for the annual site visit. We will complete our quarterly programmatic and financial reports and our close-out report in a timely and accurate manner.

State Building and Construction Trades Council Organizational Chart (as of August, 2018)



BIOGRAPHICAL SKETCH

NAME (b) (6)		POSITION TITLE Director of Special Programs	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California at Santa Cruz	B.A.	(b) (6)	History
New School for Social Research, New York, NY	M.S.	(b) (6)	Non Profit Management

A. PROFESSIONAL EXPERIENCE

1998-Present	Director of Special Programs , State Building and Construction Trades Council of California, Sacramento, CA
1994-1998	Executive Director , The Working Group, Oakland, CA
1992-1994	Development Director , Alameda County Community Food Bank, Oakland, CA
1988-1992	Development Director , New York Committee for Occupational Safety and Health, New York, NY
1986-1988	Program Manager , Volunteer Opportunities, New York, NY
1984-1986	Co-proprietor , Diane Becker Promotional Services, New York, NY
1982-1984	Development Director , New York Mobilization for Survival, New York, NY
1981-1982	National Campaign Organizer , Fund for Open Information and Accountability, New York, NY
1980-1981	Assistant to the Director , Nuclear Information and Resource Service, Washington, D.C.
1979-1980	Research Associate/Senior Interviewer , Applied Management Sciences, Silver Spring, MD
1977-1979	National Conference Coordinator , United States Student Association, Washington, D.C.

B. PARTIAL LIST OF PROFESSIONAL ACTIVITIES AND PRESENTATIONS

2000-present (all but 4 years)	Project Director, Susan Harwood Grants. OSHA, USDOL: Oversee targeted training topic grants and Capacity Building Developmental Grants on a variety of safety and health topics.
2009-present	Project Director, Employment Training Panel master grant
2017-present	Project Director, Calif. Workforce Development Board, Prop 39 Technical Assistance project on Apprenticeship Preparation for the formerly incarcerated.
1999-2007	Project Director, BUILT, funded by the California Department of Health Services. Oversee staff and budget, liaison with evaluators and other consultants and coordinate national outreach for this Toxics and Tobacco education at construction worksites project. Includes presentations at the National Conference on Tobacco or Health, California Apprenticeship Council, and the Organized Labor and Tobacco Control Network, and 2000 American Public Health Association Conference.

2003-2008	Director of Building California Construction Careers (BC3), a state-wide outreach campaign to promote construction careers to youth and communities.
2002, 2003, 2004, 2011	Panelist on Women in the Building Trades, National Building Trades Dept. Legislative Conferences, Washington, D.C.
2002-2015	Coordinator, Women Can Build California and the Nation, a State Building Trades outreach and education project with current and potential tradeswomen. Includes coordination of statewide (and now, nation) conference, and video/brochure/poster marketing packages.
1995-1998	As Executive Director of The Working Group, was responsible for managing the budget, fundraising, liaison with Board of Directors, and staff management for this union-based media production company. Staff Director, Not in Our Town Campaign, a nationwide educational campaign against hate violence.
1989-1991	Director, National COSH Network. Producer of First Workers' Memorial Day event in New York City.

C. ADVISORY COMMITTEE AND PROFESSIONAL ASSOCIATION MEMBERSHIPS

2010-Present	Board Member, Worksafe
2005-2016	Advisory Board Member: Center for Occupational and Environmental Health University of California, School of Public Health – EHS, UC Berkeley
2002-2015	Vice-President, Tradeswomen, Inc.
1999-2003	Vice President, Western Labor Communications Association
1998-Present	Member, Teamsters Local 853

D. PUBLICATIONS & VIDEOS

Contributor	Toxics and Tobacco on the Job, a Construction Workers Guide, plus several craft specific supplements. Produced by the BUILT project (2001-2007)
Video Producer	Silica: From Danger to Safety (2017) Building the Future with Project Labor Agreements (2010) Building Green Skills (2009) Construction U (2006) Bridge Builders: Celebrating the Al Zampa Bridge (2004) Building Trades: Pride, Power, Perseverance (2004) Do You Have What It Takes (2003) Women Can Build California (2002) The State Building Trades Council: Building the Century (2001) Project Labor Agreements: A Homerun for Your Community (2000) To 2000 and Beyond (2000)
Editor	Hunger In Alameda County, a report by the Alameda County Community Food Bank, 1993

BIOGRAPHICAL SKETCH

NAME (b) (6)		POSITION TITLE Project Coordinator	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of California at Berkeley	B.A.	(b) (6)	Geography
Chabot Community College	A.A.	(b) (6)	Administration of Justice

A. PROFESSIONAL EXPERIENCE

2000-present	State Building and Construction Trades Council of California, Sacramento, CA Have served as Project Coordinator on one one-year and three two-year OSHA Susan Harwood Grants; have served as Education/Outreach Director and Program Coordinator for Building California Construction Careers (BC3) program; have served as a Trainer for Building Green Skills project.
1998-2000	Program Assistant, Ergonomics Training Project, California Labor Federation, Sacramento, CA
1990-1998	Administrative Assistant, Environmental Education Center and Planning/Stewardship Department, East Bay Regional Park District, Oakland, CA

B. PARTIAL LIST OF PROFESSIONAL ACTIVITIES AND PRESENTATIONS

2007-2008, 2009-current	Project Coordinator, Focus on Safety, a federal OSHA funded train-the-trainer (TOT) program on the Focus Four Hazards in Construction. Oversaw development of curriculum; coordinated recruitment, logistics and organized four two-day TOT classes and co-taught two of these trainings in year one. Built relationships with contractors and employer associations. Serve as principal reporting person to OSHA on program activities. Assure goals are met for first and second-tier training. Current project includes six 2-day TOT sessions and numerous half-day Hazard Awareness seminars over the next two years.
2008-2009	Trainer, Building Green Skills Awareness Seminars. Developed and carried out multiple trainings to journey level workers and apprenticeship instructors from numerous crafts on the “green economy,” and the need for union workers to be prepared to do the green skills needed in their craft.
2005-2007	Program Coordinator, Building California Construction Careers (BC3). Develop and carry out training programs for One Stop Staff and others about accessing career opportunities in construction. Organize and deliver workshops at conferences. Oversee statewide outreach work.
2003-2005	Program Coordinator, HUSH Project, funded by federal OSHA Susan Harwood Training Grant. Conduct outreach and recruitment among building trades unions, apprenticeship programs and contractors for statewide TOT program on noise/hearing conservation in construction. Conduct workshops,

2002-2003	<p>organize trainings, build relationships with contractors and employer associations, participate in research and curriculum development, co-teach TOTs and teach hazard awareness seminars. Serve as principal reporting person to OSHA on program activities. Assure goals are met for first and second-tier training. Develop and distribute noise hazard awareness fact sheet.</p> <p>Education/Outreach Director, BC3 program, funded through the Workforce Investment Act. Statewide multi-media project to educate the public about career opportunities in the construction trades. Organize and conduct presentations for public schools, local Workforce Investment Boards, labor leaders, educators, Community College administrators, foster youth, Independent Living Programs, Special Population Conference, TechPrep School-to-Career conferences and pre-apprenticeship programs. Help to create: website for program; “Do You Have What It Takes” video; informational materials. Explore existing pre-apprenticeship programs and curricula and recommend best practices.</p>
2000-2002	<p>Program Coordinator, Construction Hazards Education Project, funded by federal OSHA Susan Harwood Training Grant. Conduct outreach and recruitment among building trades unions, apprenticeship programs and contractors for statewide TOT program on targeted topic of how to conduct effective tailgate training for construction workers. Conduct TOT workshops, organize trainings, build relationships with contractors and employer associations, participate in research and curriculum development, produce training materials, follow-up on second-tier training. Serve as principal reporting person to OSHA on program activities.</p>
1998-2000	<p>Program Assistant, Ergonomics Training Project, funded by federal OSHA Susan Harwood Training Grant. Conduct outreach and recruitment among general industry unions for statewide train-the-trainer program on targeted topic of workplace ergonomics. Organize trainings and materials, track trainer progress on second-tier training. Co-produce statewide health and safety conference “Organizing for Safety”.</p>

C. ADVISORY COMMITTEE AND PROFESSIONAL ASSOCIATION MEMBERSHIPS

2005-present	Advisory Board, Workers Occupational Safety and Health Training Program
2003-2006	Participate in Division of Occupational Safety & Health Noise advisory meetings as needed.
2003	Governor’s Task Force on Homelessness
2002	State Occupational Health Advisory Committee on “Build Safe” training project
2000-Present	Member Teamsters Local 853
1998-2000	Member OPEIU Local 3
1990-1998	Member AFSCME Local 2428

Consultants to be hired

Project Coordinator Laura Boatman will be chiefly responsible for designing and writing the curriculum. Project Director Debra Chaplan will lend her editing and design skills. However, we have both determined that we need additional help to shape and develop the curriculum so that it is the best it can be.

Health and Safety Trainer

We will need a trainer with wide experience in occupational safety and health topics to help us conceptualize the training program, review the curriculum in key stages as it is being developed and to co-teach Train-the-Trainer classes. For two-day trainings (7.5 hours of instruction per day), team teaching has proven to be the best option for both trainees and trainers. This consultant will need significant familiarity with adult learning techniques. We are extremely fortunate that Nazima El-Askari will be available to consult with us again on the curriculum conceptualization and development and to co-teach the 2-day Train-the-Trainer classes with Laura Boatman. A health and safety trainer with LOHP for more than 20 years, Nazima recently retired and is available to work with us on this project (approximately 16 days). She has developed all but our last two curricula on a variety of construction safety and health topics and has vast experience as a trainer of trainers and workers.

Spanish translation

We will have the curriculum and power-point presentation translated by Avant-Page; they have done our past curricula and are both quick and cost-effective. However, we want to ensure that the curriculum both utilizes the OSHA dictionary and is appropriate for a variety of literacy levels. We will therefore identify a Spanish-language trainer who can review the Spanish translation of the

curriculum and power-point presentation to ensure that it does not veer from the English version, that it utilizes the OSHA dictionary, and that it explains the safety and health concepts as clearly as possible. (10-12 hours).

Researcher

We will work with LOHP's researcher/librarian to help us identify resources—including previously developed curricula, factsheets, and videos, both as we work to develop the curriculum and to create a resource guide for distribution to the trainees as part of our training packet (3 days).

State Building and Construction Trades Council of California
2018/19 Budget Backup

	Admin	Program	TOTAL
A. PERSONNEL			
Debra Chaplan Project Director Salary reflects 12 mo. @ 8% 8343/mo FTE <i>Oversees administration and program and work with subcontractors; reviews materials, develops promotional materials, helps with outreach, consults with all staff as needed</i>	\$4,004.64	\$4,004.64	\$8,009.28
Laura Boatman Project Coordinator Salary reflects 9 mo @ 60% and 3 mo @ 80% 7004/mo FTE <i>Develops curriculum, conducts TOT and seminar trainings, follows-up with trainers, conducts evaluations and needs assessments, oversees work of Project Assistant.</i>	\$5,463.12	\$49,168.08	\$54,631.20
Lynn Schorno Project Assistant/Meeting Planner Salary reflects 6 mo @30% /6 mo @10% 5356/mo FTE <i>Coordinates logistics and registration for TOTs, manages outreach to potential participants, works with project coordinator on program planning, updates website, and disseminates outreach about</i>	\$0.00	\$12,854.40	\$12,854.40
Arlene Holm Grants Administrator Salary reflects 12 mo @ 10% 6283/mo FTE <i>Responsible for financial record-keeping, draw-downs, bill-paying</i>	\$7,539.60	\$0.00	\$7,539.60
TOTAL SALARIES	\$17,007.36	\$66,027.12	\$83,034.48
B. BENEFITS Benefits - 30% of salaries (average all grant staff) <i>Includes: payroll taxes, health & welfare, 401(K)</i>	\$5,102.21	\$19,808.14	\$24,910.34
TOTAL BENEFITS	\$5,102.21	\$19,808.14	\$24,910.34
TOTAL WAGES & BENEFITS	\$22,109.57	\$85,835.26	\$107,944.82

State Building and Construction Trades Council of California
2018/19 Budget Backup

	Admin	Program	TOTAL
C. TRAVEL			
Local Mileage (1650 mi @ 54.5¢/mile + bridge tolls) -- for staff and training consultants)		\$1,036.25	\$1,036.25
Airfare (Sacto. To So Cal. for trainings) 1@ 2 trips, 1@1 trip at \$250/trip -- for staff and training consultants)		\$750.00	\$750.00
Hotel (5 nights @ \$180)		\$900.00	\$900.00
Rental Car (\$100/day @ 8 days)		\$800.00	\$800.00
Per Diem expenses (\$60/day @ 12 days)		\$720.00	\$720.00
Travel to Chicago for Orientation (2 ppl)			
Airfare (Sacto to Chicago)	\$650.00		\$650.00
Hotel (2 nights @ 2 ppl)	\$900.00		\$900.00
Per Diem expenses (\$74/day @ 2 days/2ppl)	\$296.00		\$296.00
TOTAL TRAVEL	\$1,846.00	\$4,206.25	\$6,052.25
D. SUPPLIES			
Duplication/Photocopier	\$30.00	\$100.00	\$130.00
<i>Outreach leaflets/applications & follow-up</i>			
Supplies	\$65.00	\$250.00	\$315.00
<i>Misc. for office and trainings</i>			
Training Binders (110-2 in.) plus inserts		\$600.00	\$600.00
Demonstration tools & products		\$150.00	\$150.00
Postage/Shipping		\$100.00	\$100.00
TOTAL SUPPLIES	\$95.00	\$1,200.00	\$1,295.00
E. CONTRACTUAL			
Consultant: Nazima El Askari (120 hours @ \$90/hr) <i>Ms. El Askari will consult on the conceptualization and development of the curriculum (40 hours) and will co-teach the three 2-day Train the Trainer classes (48 hours). This amount includes preparation time and a travel day (32 hours)</i>		\$10,800.00	\$10,800.00
Labor Occupational Health Program (3 days @ \$850/day)		\$2,550.00	\$2,550.00
<i>We will create a service contract with LOHP for: Researcher, to review currently available training and technical resources on the topic and develop a resource guide (2 days)</i>			
TOTAL CONTRACTUAL		\$13,350.00	\$13,350.00

State Building and Construction Trades Council of California
2018/19 Budget Backup

	Admin	Program	TOTAL
F. OTHER			
Work Space Usage (average \$554/month)	\$997.20	\$5,650.80	\$6,648.00
Duplication/TOT Binders & Flash drives <i>Binders duplication, plus a flash drive of the power-point for all trainers at TOTs</i>		\$9,580.00	\$9,580.00
Spanish Translation & review of curriculum powerpoint and factsheets (based on past cost)		\$4,800.00	\$4,800.00
Website: Continue to update and add to safety and health section		\$330.00	\$330.00
TOTAL OTHER	\$997.20	\$20,360.80	\$21,358.00
TOTAL DIRECT COST	\$25,047.77	\$124,952.31	\$150,000.07

CALCULATION OF RATIOS

A. Total Administration	\$ 25,048
B. Total Program	\$ 124,952
C. Total Project Cost	\$ 150,000

**Ratio of Administration to
Total Project Cost (C/A) 16.70%**

Maximum cost per trainee (1,053+ trained)	\$142.45
Maximum cost per training hour (1245+ hours)	\$120.48

**State Building &
Construction Trades Council
of California**

• • •

**Evidence of
Non-Profit
Status**

February 2, 1956

Commissioner of Internal Revenue
Washington 25, D.C.

(Exempt Organisation Branch)

Dear Sir:

In separate rulings issued by your agency dated September 6, 1940 and July 21, 1944, exemptions from Federal Income Tax were granted to the American Federation of Labor and the Congress of Industrial Organizations respectively. The rulings, based on Section 101 (1) of the Internal Revenue Code of 1939, which corresponds to Section 501 (c) (5) of the 1954 Code also included exemptions for all departments, directly affiliated unions, as well as state, territorial and local central bodies of the AFL and CIO.

Since that time exemptions under the same sections have been granted annually by the Bureau to those departments, directly affiliated unions and state, territorial and central bodies chartered by the parent organization during the preceding twelve months. Report has also been made to the Bureau of those groups whose charters had been cancelled during the year.

The American Federation of Labor and the Congress of Industrial Organizations have now merged, effective December 5, 1955, into a single combined organization. As there have been no changes in the character, purpose or method of operation of the parent organization and its affiliates, the filing of the below noted data is submitted under the single name of the American Federation of Labor and Congress of Industrial Organizations.

We submit herewith a list in duplicate showing the names, numbers, and addresses of all organizations directly affiliated with the AFL-CIO, all state, territorial and local central bodies, in addition we are submitting a list in duplicate of additions and cancellations of all affiliates of all departments of the AFL-CIO for the year, 1955.

AF-2
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2. Cont.

It is understood by the AFL-CIO that all of the listed affiliates are required to file, annually, information returns on Form 990 with the District Director of Internal Revenue for the respective districts so long as the exemption remains in effect.

For the information of your agency, we file herewith a copy of the current constitution of the American Federation of Labor and Congress of Industrial Organizations.

Very truly yours,

William S. Schnitzler
Secretary-Treasurer
American Federation of Labor and
Congress of Industrial Organizations



U. S. TREASURY DEPARTMENT
WASHINGTON 25

OFFICE OF
COMMISSIONER OF INTERNAL REVENUE

ADDRESS ONLY TO
COMMISSIONER OF INTERNAL REVENUE
WASHINGTON, D. C.

AND REFER TO

T:R:PSO:E

KLS

MAR 6 - 1956

American Federation of Labor and
Congress of Industrial Organizations
901 Massachusetts Avenue., N. W.
Washington, D. C.

Gentlemen:

We have your letters of February 2, 1956, and February 3, 1956, submitting information for our use in determining your status, and that of your subordinate affiliated unions and councils, with respect to exemption from Federal income tax.

The information shows that you were formed by an agreement to merge dated February 7, 1955, effective December 5, 1954, between the American Federation of Labor and the Congress of Industrial Organizations, which agreement was incorporated by reference into your constitution. You submitted two copies of your constitution; lists showing the names, numbers, and addresses of all subordinate organizations directly affiliated with your organization as of December 31, 1954; and other lists and copies of letters relating to changes made in such organizations during 1955.

The information submitted is not in such form as to meet our requirements, and you are therefore requested to furnish the following:

1. An application for exemption, Form 1024, which is the form designed by the Internal Revenue Service for use by organizations applying for exemption under section 501(a) of the 1954 Code as organizations described in section 501(c)(5) relating to labor organizations, among others. Two copies of Form 1024 are enclosed for your convenience, one of which you may keep. The other copy should be completed as provided therein and sent to this office (rather than to your District Director as the form indicates).
2. Six copies of the complete list of your subordinate units as of December 31, 1954, showing their names, numbers and addresses (either numerically or alphabetically), arranged in geographical order, and according

PF-2
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2 - American Federation of Labor and
Congress of Industrial Organizations

to the type of organization (that is, unions, councils, etc.), For your convenience the lists heretofore submitted are returned.

3. A copy of the form of charter or certificate of affiliation issued by you to your subordinate unions, councils, etc., under Article III, section 7 of your constitution.
4. A statement by one of your principal officers setting forth all of the facts as to the form of organization, purposes, and method of operation of your subordinate units.

The lists called for under item 2 above should not include the names of your affiliated national and international unions which (under Article III, section 7, of your constitution) are entitled to have their "autonomy, integrity and jurisdiction protected and preserved." If such autonomous organizations wish to claim exemption from Federal income tax, the status of each such organization should be established separately by the filing of an appropriate exemption application with the supporting evidence called for therein.

The above information should be submitted to this office within thirty days from the date of this letter, marked for the attention of T&R:EC:E-115.

Very truly yours,

Chief, Pensions and
Exempt Organizations Branch

Enclosures:

Lists

Forms 102L (3)

March 26, 1956

Mr. P. Henry Needham, Chief
Pensions and Exempt Organizations Branch
Office of Commissioner of Internal Revenue
Washington 25, D. C.

Dear Mr. Needham:

In response to your communication of March 6, 1956 and in particular with reference to the request contained in paragraph three, sub-section four thereof, I submit this statement setting forth all of the facts as to the form of organization, purposes, and method of operation of the subordinate units of the American Federation of Labor and Congress of Industrial Organizations.

The American Federation of Labor and Congress of Industrial Organizations has three types of affiliates: national and international unions, state and local central bodies and directly affiliated local unions (organizing committees and national councils). In addition, the Constitution of the Federation provides for departments of the AFL-CIO known as trade and industrial departments.

National and international unions are autonomous organizations affiliated with the Federation and are not considered subordinate organizations as are those other organizations noted above and discussed below which are chartered by and are directly subordinate to the Federation.

Trade and industrial departments are subordinate organizations and consist of the following: Building and Construction Trades department, Metal Trades department, Union Labor and Service Trades department, Maritime Trade department, Railway Employees department and Industrial Union department. Each department manages and finances its own affairs.

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Mr. P. Henry Needham, Chief

- 2 -

March 26, 1956

The departments have their own officers and when required, staffs, and are financially supported by the organizations who affiliate with them. The AFL-CIO Constitution requires that the departments conform to and be administered in the same manner as the laws and procedures governing the Federation. No department can enact any laws, rules or regulations which are in conflict with the American Federation of Labor and Congress of Industrial Organizations.

Departments of the Federation are considered as the official method of the AFL-CIO for transacting that portion of the Federation's business as indicated in the name of the department. A department, through its officers, must submit periodic reports to the Federation as to its condition and accomplishments. Department headquarters are required to be in Washington, D.C. and in the Federation's Headquarters Building.

State and local central bodies of the AFL-CIO are subordinate to and creatures of the Federation. Central bodies are established on a state, territorial, city or other regional basis as determined by the Federation acting through the Executive Council. Central bodies, which are supported financially by the groups affiliated with them, are composed of locals of national and international unions and organizing committees affiliated with the Federation, directly affiliated local unions, local central bodies within geographic limits of state and regional bodies and such other subordinate bodies as the Executive Council may determine are eligible for affiliation. Officers are elected from the delegates to the Central Body.

The purpose and work of a central body is to within their respective areas; assist in furthering appropriate objects and policies of the AFL-CIO; to serve as a means of exchanging information among the affiliated bodies; to provide aid and assistance to affiliated local unions; to encourage the formation of other central bodies; and to engage in such other activities as are consistent with the objects and principles set forth in the Constitution of the AFL-CIO and the policies of the AFL-CIO.

The Executive Council of the Federation issues rules which govern the conduct, activities, affairs, finances and property of central bodies and provide procedures for their discipline; upon dissolution of a central body all of the funds and property revert in trust to the Federation.

Mr. P. Henry Needham, Chief

- 3 -

March 26, 1956

Directly affiliated unions (organizing committees and national councils) are directly chartered by the Federation and are subordinate bodies thereof. The organizations falling into this category are unions within the full meaning of the word but have no national or international union affiliation. They are the collective bargaining representative of their members and are financially supported by membership dues. From time to time these directly affiliated unions may be merged with national or international unions or may become new national or international unions. In both instances, the unions cease to be directly affiliated unions and relinquish their subordinate status in the Federation as they become autonomous organizations. The Federation issues rules governing the conduct, activities, affairs, finances and property of these groups and in the event of dissolution is entitled to all such property.

The American Federation of Labor and Congress of Industrial Organizations derives its revenue from the above mentioned affiliates by various fees and per capita tax payments as required by the Constitution.

I trust that the information included herein will supply sufficient facts for your purpose.

Sincerely yours,

WILLIAM F. SCHWITZLER
Secretary-Treasurer
AFL-CIO

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
Headquarters Office
1515 Clay Street, 19th Floor
Oakland, CA 94612
Tel: (510) 286-7000 Fax: (510) 286-7037



Juliann Sum, Chief

August 22, 2018

RE: State Building and Construction Trades Council of California

Susan Harwood Program Coordinator
U.S. Department of Labor, OSHA
Directorate of Training and Education
2020 South Arlington Heights Road
Arlington Heights, IL 60005-4102

I understand that State Building and Construction Trades Council of California (SBCTC) is applying for funding for a Susan Harwood Targeted Topic Training grant. On behalf of the California Division of Occupational Safety and Health (Cal/OSHA), I am writing to express support for the SBCTC's application. The SBCTC has been highly effective in offering education on injury and fatality prevention for unions, employers, and workers throughout the state.

Cal/OSHA supports the SBCTC in their proposed plan, which includes a new construction training program on the topic of excavation and trenching hazards. Cal/OSHA will assist the SBCTC by providing information, materials review, technical consultation, and guest speakers for training sessions. Strengthening training and knowledge of health and safety standards for workers in construction is a high priority for Cal/OSHA. Collaborating with the SBCTC program contributes greatly to this overall goal.

The State Building and Construction Trades Council has achieved great success in bringing effective, high-quality training to a diverse, hard-to-reach audience in the construction industry. We strongly urge you to continue funding this grant, and we look forward to joining forces again to protect the lives of workers statewide. If you have any questions, please do not hesitate to contact me.

Sincerely,

A blue ink signature of Juliann Sum, consisting of stylized, flowing letters.

Juliann Sum, Chief



KAREN L. SMITH, MD, MPH
Director and State Public Health Officer

State of California—Health and Human Services Agency
California Department of Public Health



EDMUND G. BROWN JR.
Governor

August 20, 2018

Attn: Susan Harwood Training Grant Coordinator
U.S. Department of Labor

I am writing to express the support of the California Department of Public Health's Occupational Health Branch (CDPH OHB) for the application of the State Building and Construction Trades Council of California (SBCTC) for funding for a Susan Harwood Targeted Topic Training grant. The SBCTC has been highly effective in offering education on injury and fatality prevention for unions, employers, and workers throughout California.

CDPH OHB supports the SBCTC in their proposed plan, which includes a new construction training program on the topic of excavation and trenching hazards. We will assist the SBCTC in obtaining case study information through our NIOSH-funded California Fatality Assessment and Control Evaluation (FACE) program, and will also provide background data on related injuries and fatalities from data sources CDPH OHB uses for surveillance of work-related conditions. I will share my personal experience with a previous project on reducing trenching injuries. CDPH OHB is a non-regulatory public health program focused on promoting safe and healthy workplaces across California. We investigate the causes of injury and illness in the workplace, make public health prevention recommendations, provide occupational health technical assistance, and partner with others to educate employers and workers statewide.

The State Building and Construction Trades Council has achieved great success in bringing effective, high-quality training to a diverse, hard-to-reach audiences in the construction industry. We strongly urge you to fund this grant, and we look forward to supporting the SBCTC in their effort to protect the lives of workers statewide. If you have any questions, please do not hesitate to contact me (Barbara.materna@cdph.ca.gov; 510-620-5730).

Sincerely,

Barbara Materna, PhD, CIH, Chief
Occupational Health Branch





8484 Georgia Avenue
Suite 1000
Silver Spring, MD 20910

PHONE: 301.578.8500
FAX: 301.578.8572

August 21, 2018

Susan Harwood Program Coordinator
U.S. Department of Labor, OSHA
Directorate of Training and Education
2020 South Arlington Heights Road
Arlington Heights, IL 60005-4102

To whom it may concern:

I am writing to express CPWR's strong support for the application of the State Building and Construction Trades Council of California (SBCTC) for funding for a Susan Harwood Targeted Topic Training grant. The SBCTC has been highly effective in offering education on injury and fatality prevention for unions, employers, and workers throughout California. Additionally, we have offered CPWR's national platform as another channel to ensure their Harwood-funded programs are available nationally.

CPWR supports the SBCTC in their proposed plan, which includes a new construction training program on the topic of excavation and trenching hazards. We will assist the SBCTC ensure their training program is both accurate in terms of the most up to date injury and fatality information, as well as provide them with the results of a current study we have underway that takes a deeper dive into recent trends around excavation and trenching fatalities in the U.S. construction industry. This study is supported through our cooperative agreement with NIOSH, and will provide not only data, but rich contextual background that is being collected through mixed methods research to better understand barriers to implementing known protections against this very well characterized hazard. The research project will help inform messaging that resonates with the target population to a greater extent than would be possible without this research. It is a perfect example of how OSHA can use the Harwood grant process to amplify research findings in an effort to reduce construction workers' fatalities. Additionally, we will make all training, education, and outreach materials we have available to SBCTC to ensure our federally funded resources benefit OSHA and the Harwood program.

As we did for the previous silica training SBCTC completed with a Harwood grant, we will host a national webinar so SBCTC can share the materials and resources they develop with their Harwood program with trainers and

Sean McGarvey
PRESIDENT
President of North America's
Building Trades Unions

Brent Booker
SECRETARY-TREASURER
Secretary-Treasurer of North
America's Building Trades Unions

Richard M. Resnick
VICE PRESIDENT/GENERAL COUNSEL
Sherman, Dunn, Cohen,
Leifer & Yellig, PC

Chris Trahan Cain
EXECUTIVE DIRECTOR
CPWR - The Center for Construction
Research and Training

Noel C. Borch
Employer Representative

Rev. J. Cletus Kiley
Director of Immigration Policy
UNITE HERE

Jeff Peoples
Vice President
Alabama Power Company - HR & Ethics
Southern Company Services -
Operations Services

Kenneth J. Rueter
President and Project Manager
UCOR



construction firms across all subsectors of our industry. CPWR maintains a distribution list of over 6500 construction safety and health stakeholders who we routinely share resources with, and they will both be invited to the webinar highlighting this Harwood product as well as receive word of its availability through our electronic newsletters and social media feeds. These webinars are free and open to any interested party, and are archived online for later viewing.

CPWR also has access to between five and seven thousand safety and health trainers through our affiliation with NABTU's apprenticeship and training infrastructure. These trainers have proven highly receptive to previous silica training developed by SBCTC, and will likely use fresh training materials developed through this proposed project.

CPWR—The Center for Construction Research and Training is a 501(c)(3) non-profit devoted to improving the working conditions of the American construction worker. We carry out this mission through federal cooperative agreements and contracts with the National Institute for Occupational Safety and Health, the National Institute of Environmental Health Sciences, and the U.S. Department of Energy to conduct research, training, and service all focused on construction safety and health. CPWR also is a consortium member of the National Resource Center, an OSHA Region III OSHA Training Institute Education Center. Please visit www.cpwr.com for more information about our organization.

The State Building and Construction Trades Council has achieved great success in bringing effective, high-quality training to a diverse, hard-to-reach audience in the construction industry. We strongly urge you to fund this grant, and we look forward to supporting the SBCTC in their effort to protect the lives of construction workers at no cost to their award. If you have any questions, please do not hesitate to contact me.

Sincerely,


Chris Trahan Cain
Executive Director