



SCOPE OF WORK PROVISIONS

FOR

ELECTRICIAN:
COMMUNICATION & SYSTEM INSTALLER
COMMUNICATION & SYSTEM TECHNICIAN

IN

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN,
LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA,
SIERRA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA
COUNTIES.

DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



September 23, 2016

**SUMMARY OF IMPORTANT NOTICES CONCERNING BURGLAR ALARM AND FIRE
ALARM INSTALLATION**

Dear Public Officials/Other Interested Parties:

The Department has issued several important notices between June 27, 2002, and October 27, 2015, specifying the prevailing rate of pay for the installation of burglar and fire alarms. The tables on the following two pages provide a summary of the applicable rates of pay for burglar and fire alarm installation by county as of September 23, 2016. The information in these tables summarizes but **does not** alter the applicable rates of pay issued in the aforementioned important notices.

Please note that minimum rate of pay determinations are issued on a “project-by-project basis.” If you have a public works project in one of the counties listed in the tables that indicates “project-by-project basis,” you may request a minimum rate of pay determination prior to the bid advertisement date of the project by sending a written request to the address below. Each request should include all the relevant documents that would assist the Department in issuing a determination. These documents include but are not limited to the contract, financial documents, plans, specifications, as well as contact information for the Awarding Body.

Please refer to the county determinations to find the rates associated with the craft(s)/classification(s) referenced in the tables. The scope of work for each classification is posted on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. This information may also be requested from the Office of the Director – Research Unit by calling (415) 703-4774, by faxing a request to (415) 703-4771 or by writing to:

California Department of Industrial Relations
Office of the Director – Research Unit
P.O. Box 420603
San Francisco, CA 94142

Table 1: Burglar Alarm Installation

COUNTY	CRAFT/CLASSIFICATION
Alameda	Project-by-Project Basis
Alpine	Electrician: Inside Wireman
Amador	Electrician: Inside Wireman
Butte	Electrician: Inside Wireman
Calaveras	Project-by-Project Basis
Colusa	Electrician: Inside Wireman
Contra Costa	Electrician: Comm & System Installer
Del Norte	Electrician: Comm & System Installer
El Dorado	Electrician: Inside Wireman
Fresno	Electrician: Comm & System Installer
Glenn	Electrician: Inside Wireman
Humboldt	Electrician: Comm & System Installer
Imperial	Electrician: Sound and Signal Technician
Inyo	Electrician: Comm & System Installer
Kern	Project-by-Project Basis
Kings	Electrician: Comm & System Installer
Lake	Electrician: Comm & System Installer
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Comm & System Installer
Madera	Electrician: Comm & System Installer
Marin	Electrician: Comm & System Installer
Mariposa	Electrician: Inside Wireman
Mendocino	Electrician: Comm & System Installer
Merced	Electrician: Inside Wireman
Modoc	Project-by-Project Basis
Mono	Electrician: Comm & System Installer
Monterey	Electrician: Comm & System Installer ^a
Napa	Project-by-Project Basis
Nevada	Electrician: Inside Wireman
Orange	Electrician: Sound Installer
Placer	Electrician: Inside Wireman
Plumas	Electrician: Inside Wireman
Riverside	Project-by-Project Basis
Sacramento	Electrician: Inside Wireman
San Benito	Electrician: Comm & System Installer ^a
San Bernardino	Electrician: Comm & System Installer
San Diego	Electrician: Sound and Signal Technician
San Francisco	Electrician: Comm & System Installer
San Joaquin	Project-by-Project Basis
San Luis Obispo	Electrician: Inside Wireman
San Mateo	Project-by-Project Basis
Santa Barbara	Electrician: Sound Installer
Santa Clara	Electrician: Comm & System Installer
Santa Cruz	Electrician: Comm & System Installer ^a
Shasta	Electrician: Inside Wireman
Sierra	Electrician: Inside Wireman
Siskiyou	Project-by-Project Basis
Solano	Project-by-Project Basis
Sonoma	Electrician: Comm & System Installer
Stanislaus	Electrician: Inside Wireman
Sutter	Electrician: Inside Wireman
Tehama	Electrician: Inside Wireman
Trinity	Electrician: Inside Wireman
Tulare	Electrician: Comm & System Installer
Tuolumne	Electrician: Inside Wireman
Ventura	Electrician: Comm & System Installer
Yolo	Electrician: Inside Wireman
Yuba	Electrician: Inside Wireman

Notes: ^a Installation of conduit, boxes, cables, and devices is performed at the Inside Wireman rate, and the final connection and programming is performed at the Communication and System Installer rate.

Last updated: September 23, 2016

Table 2: Fire Alarm Installation

COUNTY	CRAFT/CLASSIFICATION
Alameda	Project-by-Project Basis
Alpine	Electrician: Inside Wireman
Amador	Electrician: Inside Wireman
Butte	Electrician: Inside Wireman
Calaveras	Project-by-Project Basis
Colusa	Electrician: Inside Wireman
Contra Costa	Electrician: Comm & System Installer
Del Norte	Electrician: Inside Wireman
El Dorado	Electrician: Inside Wireman
Fresno	Electrician: Inside Wireman ^a
Glenn	Electrician: Inside Wireman
Humboldt	Electrician: Inside Wireman
Imperial	Electrician: Sound and Signal Technician
Inyo	Electrician: Comm & System Installer
Kern	Electrician: Inside Wireman
Kings	Electrician: Inside Wireman ^a
Lake	Electrician: Inside Wireman
Lassen	Electrician: Inside Wireman
Los Angeles	Electrician: Comm & System Installer
Madera	Electrician: Inside Wireman ^a
Marin	Electrician: Inside Wireman
Mariposa	Electrician: Inside Wireman
Mendocino	Electrician: Inside Wireman
Merced	Electrician: Inside Wireman
Modoc	Project-by-Project Basis
Mono	Electrician: Comm & System Installer
Monterey	Electrician: Inside Wireman ^b
Napa	Project-by-Project Basis
Nevada	Electrician: Inside Wireman
Orange	Electrician: Sound Installer
Placer	Electrician: Inside Wireman
Plumas	Electrician: Inside Wireman
Riverside	Electrician: Comm & System Installer
Sacramento	Electrician: Inside Wireman
San Benito	Electrician: Inside Wireman ^b
San Bernardino	Electrician: Comm & System Installer
San Diego	Electrician: Sound and Signal Technician
San Francisco	Electrician: Inside Wireman
San Joaquin	Project-by-Project Basis
San Luis Obispo	Electrician: Inside Wireman
San Mateo	Project-by-Project Basis
Santa Barbara	Electrician: Inside Wireman
Santa Clara	Electrician: Comm & System Installer
Santa Cruz	Electrician: Inside Wireman ^b
Shasta	Electrician: Inside Wireman
Sierra	Electrician: Inside Wireman
Siskiyou	Project-by-Project Basis
Solano	Project-by-Project Basis
Sonoma	Electrician: Inside Wireman
Stanislaus	Electrician: Inside Wireman
Sutter	Electrician: Inside Wireman
Tehama	Electrician: Inside Wireman
Trinity	Electrician: Inside Wireman
Tulare	Electrician: Inside Wireman ^a
Tuolumne	Electrician: Inside Wireman
Ventura	Electrician: Inside Wireman
Yolo	Electrician: Inside Wireman
Yuba	Electrician: Inside Wireman

Notes:

^a Conduit installation is performed at the Inside Wireman rate, and the termination, setting of devices, wiring of control panel and system performance checks are performed at the Comm & System Installer rate.

^b Installation of conduit, boxes, cables, and devices is performed at the Inside Wireman rate, and the final connection and programming is performed at the Comm and System Installer rate.

Last updated: September 23, 2016

NORTHERN CALIFORNIA ADDENDUM No. 2

TO THE 9TH DISTRICT

SOUND & COMMUNICATIONS

AGREEMENT

Between

**NATIONAL ELECTRICAL CONTRACTORS
ASSOCIATION**

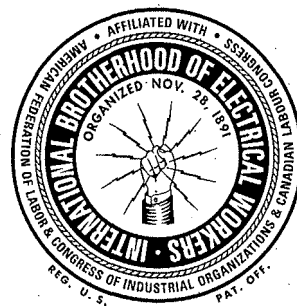
AND

**INTERNATIONAL BROTHERHOOD OF
ELECTRICAL WORKERS**

RECEIVED
Department of Industrial Relations

JAN 28 2020

Office of the Director-Research



Effective

December 1, 2019 – November 30, 2022

SCOPE

(Northern California Addendum No. 2)

The work covered by this Agreement shall include the installation, testing, service, programming and maintenance, of all VDV systems which utilize the transmission and/or transference of voice, sound, vision or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems. Programming may be performed under the terms of this agreement when qualifications and/or certification(s) are approved by the Contractor.

This agreement specifically includes the following work:

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

1. Background-foreground music
2. Intercom and telephone interconnect systems
3. Telephone systems
4. Nurse call systems
5. Radio page systems
6. School intercom and sound systems
7. Burglar alarm systems
8. Low-voltage master clock systems
9. Multi-media/multiplex systems
10. Sound and musical entertainment systems
11. RF Systems
12. Antennas and Wave Guide

B. TELEVISION AND VIDEO SYSTEMS

1. Television monitoring and surveillance systems
2. Video security systems
3. Video entertainment systems
4. Video educational systems
5. Microwave transmission systems
6. CATV and CCTV

C. SECURITY SYSTEMS

1. Perimeter security systems
2. Vibration sensor systems
3. Card access systems
4. Access control systems
5. Sonar/Infrared monitoring equipment

D. COMMUNICATION SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS (IN THE SCOPE).

1. SCADA (Supervisory Control and Data Acquisition)
2. PCM (Pulse Code Modulation)
3. Inventory Control Systems
4. Digital Data Systems
5. Broadband and Baseband and Carriers
6. Point of Sale Systems
7. VSAT Data Systems
8. Data Communication Systems
9. RF and Remote-Control Systems
10. Fiber Optic Data Systems

E. FIRE ALARM SYSTEMS INCLUDING INSTALLATION, WIRE PULLING, AND TESTING WITH THE FOLLOWING CONDITIONS:

In those areas where Fire Alarm systems have historically not been performed by Inside Journeyman Wiremen, such work may be performed under the terms of this Agreement.

In those areas where fire alarm systems have historically been performed by Inside Wiremen, Fire Alarm Installations may be performed under the terms of this Agreement but at the equivalent Inside Journeymen Wiremen wage and fringe benefit rates when either of the two conditions apply: the Fire Alarm conductors are installed in conduit, **OR** the work is performed on new construction or major remodel Building Trades projects.

Life Safety Systems, which are the integrated systems required in all buildings having floors located more than 75 feet above the lowest floor level having building access, are not Fire Alarm Systems as defined in this Agreement. (See Exclusions Item C.)

Prior to the effective date of this Agreement, each Local Union/Chapter jurisdiction shall make a determination of who has historically performed Fire Alarm work in that particular jurisdiction. When there is a mutual agreement by Labor and Management that the work has historically been performed and is currently being performed by Inside Wiremen, then the equivalent Inside wage and fringe benefit rate shall be paid on major remodel and Building Trades projects. In those areas where there is no mutual agreement, the Technician's rate shall apply. It shall be the responsibility of each individual Local Union/NECA Chapter jurisdiction to make the results of the local determination available to the International Office of the IBEW and to affected employers prior to the effective date of this Agreement.

F. VDV SUPPORT SYSTEMS SUCH AS DATA-TRACK, INNERDUCT, OR SIMILAR TYPE RACEWAYS AND LADDER RACK INTENDED SPECIFICALLY FOR THE ABOVE LISTED SYSTEMS.

- G. THIS WILL SERVE TO CLARIFY THAT THE FOLLOWING ITEMS ARE INCLUDED WITHIN THE SCOPE OF WORK PERMITTED UNDER THIS ADDENDUM: J-HOOKS; TEARDROPS; TRAPEZES (CEILING WIRE WITH HORIZONTAL SUPPORT – I.E. EMT); INNERDUCT FOR VDV ON OCCUPIED JOB SITES ONLY.

This Agreement specifically excludes the following work:

- A. Raceway systems on new construction or major renovation projects when an electrical contractor is on site are not covered under the terms of this Agreement except for those listed in Item F, above. Chases, sleeves and/or nipples (not to exceed 10 ft.) may be installed on open wiring systems.
- B. The complete installation of non-integrated Energy Management Systems, computer systems in industrial applications such as process controls, assembly lines, robotics, and computer-controlled manufacturing systems, and all HVAC control work up to the first point of connection to the multipurpose integrated system if so connected shall not be a part of this Agreement.
- C. Life Safety Systems, as defined in this agreement, are the integrated systems which are required in all buildings having floors located more than 75 feet above the lowest floor having building access. Life Safety Systems are wholly and specifically excluded from this Agreement in San Francisco.

In areas other than San Francisco, and counties of Sonoma, Marin, Lake, Mendocino, Humboldt, and Del Norte, the Fire Alarm portion of a Life Safety System may be installed under this agreement. Any such installation requires the payment of the equivalent Inside Wiremen Wage and Fringe package. All conduit installation related to the Fire Alarm portion of a Life Safety System shall be installed by Inside Wiremen unless otherwise allowed under this Agreement. When required by the manufacturers that distribute through authorized dealerships and franchises or required by specification – terminating, programming, testing and start-up may be performed under this Agreement, except in San Francisco.

- D. SCADA (Supervisory Control and Data Acquisition) where not intrinsic to the above listed systems (in the scope).

Nothing contained in this SCOPE or any other section of this agreement shall prevent, a contractor who is signatory to an Inside Agreement in the jurisdiction of the Site Local Union from performing VDV work under the terms and conditions of that Inside Agreement.