

TRAINING PLAN TABLE

Job No.	Job Description	Type of Training	Estimated No. of Trainees	Range of Hours		Average Cost per Trainee	Post-Retention Wage
				Class / Lab	CBT		
1	Retrainee SB <100 Priority Rate	Commercial Skills, Continuous Impr.	33	8-60	0	\$1,014	\$16.48
				Weighted Avg: 39			

- Reimbursement Rate: \$26 SB Priority
- Counties: Los Angeles, Orange
- Occupations to be Trained: Field Service Technician, Estimator, Project Manager
- Union Representation: Yes
 No
- Health Benefits: N/A

SUBCONTRACTORS

- Development Services: International Net Developers, Inc. (IND) in Santa Cruz assisted in the development of this proposal for a flat fee of \$3,100.
- Administrative Services: IND will also perform administrative services for an amount not to exceed 12% of payment earned.
- Training Vendors: To Be Determined

OVERVIEW

Pacific Coast Cabling, Inc., dba PCC Network Solutions (PCC) has over 30 years experience designing, building and delivering cabling systems; data, voice and wireless networks; and low voltage systems for security, surveillance, access control, and other sophisticated audio-visual applications. Customers (from a broad range of industries including media and entertainment, academia, technology, finance, telecommunications, healthcare, utilities and local government) include Northrop Grumman, Warner Brothers, Sempra, Sony, Under Armour, County of Riverside, JP Morgan Chase, Caldwell Banker and Walt Disney.

PCC is a licensed vendor for the Information Transport Systems Cabling Installation Program developed by the Building Industry Consulting Service International, Inc. (BICSI). The Company is eligible for standard ETP funding, meeting out-of-state competition provisions. PCC is also eligible for priority reimbursement as a NAICS eligible employer (Electrical and other Wiring Installation Contractor).

Demand for Training

PCC is requesting ETP funding to train 33 employees at its two facilities: Chatsworth and Anaheim. This proposal will be PCC's second Agreement, first within the last 5 years. The previous Agreement addressed new technologies, at the time. However, since then, technology has improved tremendously.

Currently, the market for information technology infrastructure is competitive, with customers demanding high levels of expertise and services. Technology is advancing at a rapid pace and new materials, systems and methods are constantly being introduced into the industry. An example is the enhancement of copper and fiber systems to increase bandwidth and speed. These types of changes require changes in materials, tools and installation methods. PCC must keep up with technology to remain competitive.

In addition, customers are continually expecting better and faster services at lower costs. PCC recently invested approximately \$1 million to build an innovative training facility in Chatsworth, furnished with sophisticated equipment and systems. The facility will focus on courses tailored to improve the skill sets of its workforce, keep up with technological advances, and provide employees opportunities for career advancement. With a skilled workforce, PCC will be able to remain competitive and exceed customer demands.

Training Plan

Training will take place at its two facilities: Chatsworth and Anaheim. Most of the training will be delivered by in-house staff through Class/Lab and Video Conference methods. Outside training vendors will be identified during the term of the proposed Agreement, if needed.

Commercial Skills: Training will be offered to all occupations. Training will focus on current standards/codes and industry best practices to meet industry requirements. Trainees will also learn about new technologies.

Continuous Improvement: Training will be offered to all occupations. Trainees will learn to manage projects more effectively and improve communication skills to provide better customer service.

RECOMMENDATION

Staff recommends approval of this proposal.

Exhibit B: Menu Curriculum**Class/Lab Hours**

8-60

Trainees may receive any of the following:

COMMERCIAL SKILLS

- Codes and Standards/BICSI/Telecom Industry Best Practices
- Copper Transmission Principles
- Fiber Transmission Fundamentals
- Telecommunication Pathways
- Telecommunication Spaces
- Installation/Pulling Copper Cable
- Copper Splicing
- Installation/Pulling Optical Fiber Cable
- Optical Fiber Splicing
- Termination of Copper Cable
- Termination of Optical Fiber Cable
- Testing/Troubleshooting of Copper Cable
- Testing/Troubleshooting of Optical Fiber Cable
- Bonding, Grounding and Protection
- Firestopping Procedures and Standards
- Telecommunications Room/Equipment Room (TR/ER) Design
- Retrofitting
- Field Coordination

CONTINUOUS IMPROVEMENT

- Telecommunications Project Management
 - Telecommunications Project Initiation
 - Project Safety
 - Project Scheduling
 - Communication Management
 - Risk Management
 - Quality Management
 - Cost Management
 - Procurement Management
 - Change Management
 - Project Closing
- Registered Communications Distribution Designer Fundamentals
 - Principles of Transmission
 - Electromagnetic Compatibility
 - Telecommunications Spaces
 - Backbone Distribution Systems
 - Horizontal Distribution Systems
 - Information and Communications Technology (ICT) Cables and Connecting Hardware
 - Firestop Systems
 - Earthing
 - Power Distribution
 - Telecommunications Administration

- Field Testing of Structured Cabling
- Outside Plant
- Audiovisual Systems
- Building Automation Systems
- Data Networks
- Wireless Networks
- Electronic Safety and Security
- Business Development and Project Management
- Codes, Standards, Regulations, and Organizations – Healthcare, Residential, Data Centers and, Commercial
- Network Interfaces and Demarcation Points
- Regulations and Standards for Emissions and Immunity
- Mechanical, Ingress, Climatic/Chemical, and Electromagnetic Considerations
- Information Transport Systems Distribution Designer

Safety Training will be limited to 10% of total training hours per-trainee.

Note: Reimbursement for retraining is capped at 60 total hours per-trainee, regardless of method of delivery.
