



Memorandum
City of Long Beach

Office of Councilmember Steven Neal
Councilmember, 9th District

Date: December 17, 2013

To: Honorable Mayor and Members of the City Council

From: Councilmember Steven Neal, Ninth District SN
Councilmember Patrick O'Donnell, Fourth District PO

Subject: Enhanced Electrical Safety Policy

Recommendation:

Request that the City Council direct the City Attorney to prepare a Resolution to adopt an Enhanced Electrical Safety Policy which will require Capital Improvement Program (CIP) construction projects estimated to be \$100,000 or more contain an Enhanced Electrical Safety Policy. We further request that the City Clerk forward a copy of the Resolution as approved by the City Council to the Board of Harbor Commissioners and the Board of Water Commissioners for their consideration of a similar policy and report back to the City Council within 90 days the results of their commission action.

Discussion:

Job safety is of utmost importance on CIP construction projects. Adoption of an Enhanced Electrical Safety Policy (EESP) will ensure that adequately trained electrical workers are utilized on these CIP projects. By setting minimum standards for the number of jobsite electrical workers that are graduates of a State of California approved Electrical Apprenticeship Program, and the number of electricians that are CAL-OSHA General Safety and Health Certified, the EESP will further promote electrical safety for workers and the general public, quality in electrical construction, and safety education on these CIP projects.

An EESP is not a new concept. In 2004 the City of Los Angeles adopted the first EESP. Since then, similar policies have been adopted by the Port of Los Angeles, County of Los Angeles Public Works, LAX, Cities of Palmdale and Carson, Los Angeles Unified School District, Community College Districts including Barstow, Rio Hondo and Los Angeles.

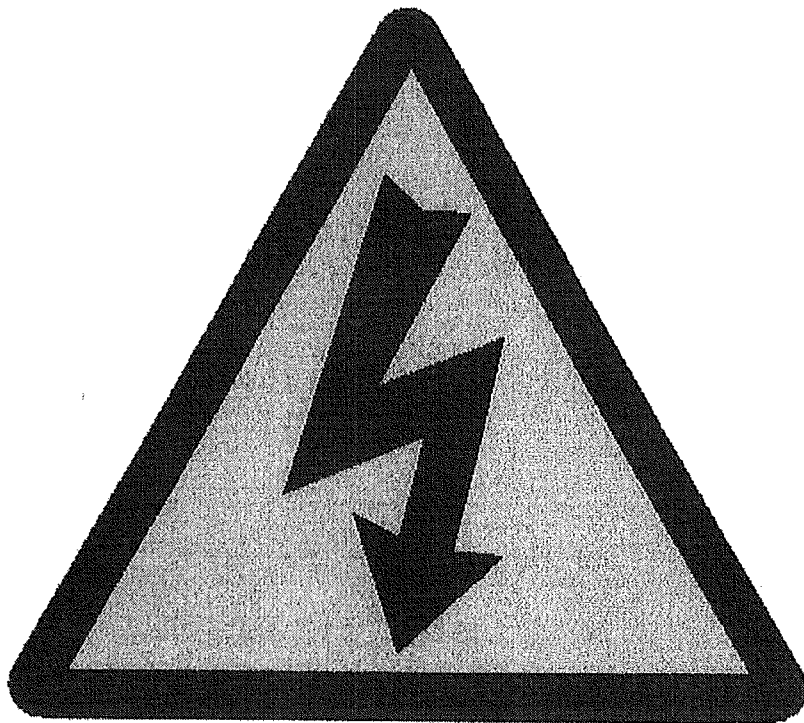
This recommendation therefore requests that the City Council direct the City Attorney to prepare a Resolution to require that all bidders on Capital Improvement Program (CIP)

construction projects estimated to be \$100,000 or more comply with an Enhanced Electrical Safety Policy as attached as Exhibit "A" to ensure that adequately trained electrical workers are utilized on these projects.

Fiscal Impact:

There is no significant funding impact. This is based upon reports from the implementation of similar policies at the Port of Los Angeles and the City of Carson. The policy implementation increases the administrative responsibilities for contractors for the City. Those costs are expected to appear as marginally increased project overhead.

Enhanced Electrical Safety Policy



City of Long Beach

EXHIBIT "A"

Proposed Enhanced Electrical Safety Policy

The "Enhanced Electrical Safety Policy" includes the following:

- Requiring a minimum of 70 percent of all "Journeyman Wiremen" to be graduates of a State of California Approved Electrical Apprenticeship Program.
- All apprentices will be registered in a State of California approved Apprenticeship program.
- The use of "Journeyman" will comply with all State of California labor laws.
- Requiring a minimum of 20 percent of the jobsite electrical workers to be OSHA 10 hour General Industry Safety & Health Certified.
- Requiring at least one jobsite electrical worker to be OSHA 30-hour General Industrial Safety and Health Certified.
- Defining "electrical work" to be: Placement, installation, erection, or connection of any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells, or any part thereof, which generates, transmits, transforms, or utilizes electrical energy in any form or for any purpose.
- All electrical installations and electrical equipment operating or intended to operate on systems of more than 600 volts between conductors and all work performed directly on or in proximity to such electrical installations must be performed by a qualified electrical worker. A qualified electrical worker is defined as a person who has a minimum of two years of training and experience with high-voltage circuits and equipment and who has demonstrated by performance familiarity with the work to be performed and the hazards involved.

Any individual performing work requiring certification under the California Electrician Certification Program will be required, upon request by the City of Long Beach, to provide evidence of application for certification, or proof of certification.

Any individual failing to provide evidence of application for certification, or proof of certification, shall immediately cease performing electrical work and shall not be allowed to perform electrical work on the project until such time as evidence is provided. A Notice of Non-Compliance shall be issued to the contractor for failure to comply with the requirements of the California Electrical Certification Program.

Notification of the requirements of the California Electrical Certification Program and of enforcement by the City of Long Beach be made at all pre-construction meetings for projects that involve electrical work.

ELECTRICAL COMPLIANCE POLICY – CITY OF LONG BEACH PLAN

PROJECT: _____
INSPECTOR: _____

W.O. _____
DATE: _____

THE CONTRACTOR SHALL PLAN AND IMPLEMENT THE ELECTRICAL COMPLIANCE POLICY IN ACCORDANCE WITH THE CITY OF LONG BEACH PUBLIC WORKS POLICY:

APPRENTICES AND JOURNEYMEN:

- All apprentices will be registered in a State of California Approved Apprenticeship Program
- The use of "journeymen" will comply with all State of California labor law.

THE WORKFORCE OF PROJECTS DESIGNATED AS REQUIRING "ENHANCED ELECTRICAL COMPLIANCE" CRITERIA SHALL COMPLY WITH THE FOLLOWING:

- 70% of all "Journeyman Wiremen" will be graduates of a State of California approved electrical apprenticeship program.
- 20% of the jobsite electrical workers will be OSHA 10-hour General Industry Safety and Health Certified.
- At least one jobsite electrical worker will be OSHA 30-hour General Industry Safety and Health Certified.

The required workforce rations will be determined by verifying the workforce composition on a daily basis.

ELECTRICAL WORK IS DEFINED AS PLACEMENT, INSTALLATION, ERECTION OR CONNECTION OF ANY ELECTRICAL WIRES, FIXTURES, APPLIANCES, APPARATUS, RACEWAYS, CONDUITS, SOLAR PHOTOVOLATAIC CELLS, OR ANY PART THEREOF, WHICH GENERATES, TRANSMITS, TRANSFORMS, OR UTILIZES ELECTRICAL ENERGY IN ANY FORM OR FOR ANY PURPOSE.

FAILURE TO FULLY IMPLEMENT AND MONITOR THE ELECTRICAL COMPLIANCE POLICY MAY RESULT IN AN ASSESSMENT OF PENALTIES AND/OR POSSIBLE SANCITONS AGAINST THE CONTRACTOR.

As the contractor's representative, I understand agree to
Comply with the above Enhanced Electrical Compliance Policy.

Signature: _____

Date: _____