

**ROLRAY** ELECTRICAL

**HIGH VOLTAGE CONTRACTORS**



# **ROLRAY ELECTRICAL CAPABILITY**

**YOUR COMPLETE HV/LV SOLUTION**





***Rolray Electrical is a specialty Electrical Company, delivering high quality HV projects in Brisbane and throughout Queensland.***

***Our highly experienced and dedicated team of electrical fitter mechanics, cable jointers and testers are able to overcome complex challenges and deliver a high standard of workmanship while meeting the demands of the modern MVIHV industry.***

***We have completed projects large and small from universities to hospitals, defence force bases and shopping centres. In addition to new construction, we also provide maintenance for existing installations with our focus on 100% client satisfaction.***



## **SERVICES**

### **HIGH VOLTAGE CABLE TERMINATIONS**

We specialise in HV cable jointing and terminations. Our knowledge has been passed down through three generations. We have combined this experience with modern techniques and innovative equipment to develop a highly efficient and effective cable jointing process which produce quality results every time.

### **INSTALLATION & TESTING OF TRANSFORMERS SWITCHGEAR & CABLE**

Rolray Electrical offers a large range of testing services including AC, DC and VLF hipot testing, micro meter continuity and current injection up to 1000 amps for protection relay programming.

### **DESIGN AND CONSTRUCTION OF EARTH GRIDS**

Four point Wenner array testing for earth grid design with three point fall of potential testing for final earth grid construction results with 2 point and CT testing for established earth systems as part of substation maintenance programs.

### **SUBSTATION MAINTENANCE**

A full range of inspection and testing services, including Thermal imaging, insulating oil sampling and analysis, shutdown testing and HV switching operations as part of legislative obligations for HV consumers.

# WE SPECIALISE IN

- **HV CABLE TERMINATION & ELECTRICAL TESTING**
- **EARTH GRIDS DESIGN & CONSTRUCTION**
- **SUBSTATION CONSTRUCTION & MAINTENANCE**



**Communications Tower**  
**UQ Gatton**



**Orion Shopping Centre**  
**Stage 2**

## PROTECTION SYSTEMS

Protection relay programming with Primary and Secondary injection testing, as part of construction and maintenance of substation protection systems. Rolray Electrical also specialises in self powered relay harmonic and reliability issues.



**Screened Elbow 12KV**  
**XLPE Termination**

## LIGHTNING PROTECTION AND SURGE DIVERSION SYSTEMS

Construction of lightning protection systems to Australian and international standards with ongoing testing and maintenance programs. Surge diverter installation of HV and LV switchboards to add to a complete over voltage protection capability to your electrical system.



**Screened Elbow 12KV**  
**XLPE Termination**



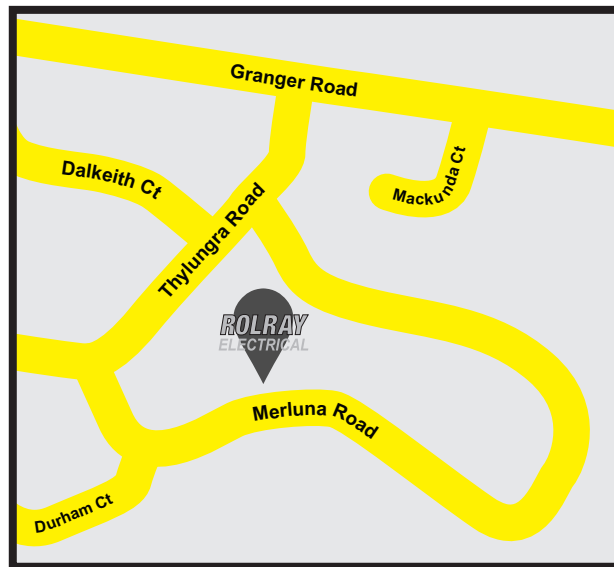
# LET US QUOTE ON YOUR PROJECT

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