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Transport Infrastructure Ireland

TII Publications

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Guidance for Measuring and Pricing of Electrical Work for Road Lighting and Traffic Signs

CC-GMP-01400

October 2016

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1. Location of Cables

The measurement of quantities for locating buried cables should only be applied to those cases where the Engineer requires a length of cable to be located and should not be applied to the situation where an end or particular point has to be found to facilitate a connection or joint. The latter is covered by Preamble 2(vii) to the Bill of Quantities and the various references within item coverages. The limits of areas within which the locating of buried cables is required should be shown clearly.

2. Earth Electrodes

The exact number of electrodes required is determined according to the results of resistivity surveys on the soils which will be in contact with the electrodes. Where electrodes are to be installed on embankments or in the bottom of deep cuttings, such surveys are not available at tender stage and it is suggested that the quantities billed in such cases are a best estimate based on all available information.





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