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Transport Infrastructure Ireland

TII Publications



Requirements for Measuring and Pricing of Road Lighting Columns and Brackets

CC-RMP-01300

October 2016

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TII Publications



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1. Road Lighting Columns and Brackets

Road Lighting Columns, Brackets and Wall Mountings

- Units** **1** The unit of measurement shall be:
- (i) road lighting columns, brackets and wall mountings number.
- Measurement** **2** The measurement of road lighting columns, brackets and wall mountings shall be the complete installation except for earth electrodes which shall be measured separately under CC-RMP-01400 (paragraphs 20 to 23).
- Itemisation** **3** Separate items shall be provided for road lighting columns, brackets and wall mountings in accordance with Section 3 of CC-RMP-00010 paragraphs 3 and 4 and the following:
- | Unit | Abbreviation | |
|-------------|---------------------|------------------------------------|
| I | 1 | Road lighting columns and brackets |
| | 2 | Wall mountings |
| II | 1 | Different height of columns |
| III | 1 | Different projection of brackets |
| IV | 1 | Different lanterns |
| V | 1 | Different types |
- Road Lighting Columns Brackets and Wall Mountings** **4** The items for road lighting columns, brackets and wall mountings shall in accordance with the Preambles to Bill of Quantities General Directions include for:
- Item Coverage**
- (a) design;
- (b) certificates;
- (c) provision of data and drawings;
- (d) resubmissions and modifications;
- (e) amendments to the Works;
- (f) obtaining aesthetic approval;
- (g) excavation of acceptable material (as CC-RMP-00600 paragraphs 17 and 18);
- (h) excavation of unacceptable material (as CC-RMP-00600 paragraph 19);
- (i) excavation in Hard Material (as CC-RMP-00600 paragraph 23);
- (j) rivets, nuts, bolts, shims, washers, welds, clamps and the like;
- (k) blinding concrete and paving slab;
- (l) in situ concrete (as CC-RMP-01700 paragraph 4);
- (m) formwork (as CC-RMP-01700 paragraph 14);
- (n) reinforcement (as CC-RMP-01700 paragraph 25);
- (o) drilling or forming holes and pockets in structures or foundations, and casting in bolts, sockets, base plates and anchorage assemblies;

- (p) bedding, grouting and filling;
- (q) backfilling and compaction;
- (r) protective system (as CC-RMP-01900 paragraph 4);
- (s) marking and lettering;
- (t) electrical equipment, wiring and making connections, excluding network cabling;
- (u) disposal of material (as CC-RMP-00600 paragraph 39);
- (v) reinstatement of surfaces;
- (w) plugging cable entry slots;
- (x) doors, locks and keys;
- (y) ducts in bases;
- (z) conduit including screwed and threaded connections, bends, tees and the like and draw wires;
- (aa)threading cable through ducts, sleeves, conduit and the like;
- (bb)backboards, fixings, protective caps, sealing, grommets, spacers, mounting plates and strips;
- (cc)complying with wiring regulations and earthing (other than earth electrodes);
- (dd)protective treatment;
- (ee)notices, recording and preparation and supply of record drawings;
- (ff) fixing to structures and foundations including attachment systems;
- (gg)site testing of anchorages;
- (hh)verifying materials

Remove from Store and Re-erect Road Lighting Columns, Brackets and Wall Mountings

Units	5	The unit of measurement shall be: (i) road lighting columns, brackets and wall mountings number.																					
Itemisation	6	Separate items shall be provided for remove from store and re-erect road lighting columns, brackets and wall mountings in accordance with Section 3 of CC-RMP-00010 paragraphs 3 and 4 and the following:																					
		<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Group</th> <th style="text-align: left;">Feature</th> <th></th> </tr> </thead> <tbody> <tr> <td>I</td> <td>1</td> <td>Remove from store and re-erect road lighting columns and brackets</td> </tr> <tr> <td></td> <td>2</td> <td>Remove from store and re-erect wall mountings</td> </tr> <tr> <td>II</td> <td>1</td> <td>Different height of columns</td> </tr> <tr> <td>III</td> <td>1</td> <td>Different projection of brackets</td> </tr> <tr> <td>IV</td> <td>1</td> <td>Different lanterns</td> </tr> <tr> <td>V</td> <td>1</td> <td>Different types</td> </tr> </tbody> </table>	Group	Feature		I	1	Remove from store and re-erect road lighting columns and brackets		2	Remove from store and re-erect wall mountings	II	1	Different height of columns	III	1	Different projection of brackets	IV	1	Different lanterns	V	1	Different types
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Remove from Store and Re-erect Road Lighting Columns,	7	The items for remove from store and re-erect road lighting columns, brackets and wall mountings shall in accordance with the Preambles to Bill of Quantities General Directions include for:																					

Brackets and Wall Mountings


- (a) loading, transporting from store, unloading and positioning for re-erection;
- (b) replacing items damaged during the foregoing operations;
- (c) modification and new materials;
- (d) painting existing painted items;
- (e) road lighting columns, brackets and wall mountings (paragraph 4 of this document).

2. References

2.1 TII Publications (Standards) References

CC-RMP-00010	Introduction to the Requirements for Measuring and Pricing
CC-RMP-00600	Requirements for Measuring and Pricing of Earthworks
CC-RMP-01400	Requirements for Measuring and Pricing of Electrical Work for Road Lighting and Traffic Signs
CC-RMP-01700	Requirements for Measuring and Pricing of Structural Concrete
CC-RMP-01900	Requirements for Measuring and Pricing of Protection of Steelwork against Corrosion





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