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Transport Infrastructure Ireland

TII Publications



Requirements for Measuring and Pricing of Road Lighting Columns and Brackets

CC-RMP-01300
January 2019

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**Updates to TII Publications resulting in changes to
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01300**

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Amendment Details:

Minor punctuation and referencing errors amended.

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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: <table><thead><tr><th>Unit</th><th>Abbreviation</th><th></th></tr></thead><tbody><tr><td>I</td><td>1</td><td>Road lighting columns and brackets</td></tr><tr><td></td><td>2</td><td>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>	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
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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 5);
- (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="margin-left: 20px;"> <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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