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Transport Infrastructure Ireland

TII Publications

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Introduction to the Guidance on Measuring and Pricing

CC-GMP-00010

June 2016

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1. Contents of the Guidance for Measuring and Pricing

Series 100

Preliminaries

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Concrete Foundations or Longer Posts

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Safety Barriers and Pedestrian Guardrails

Safety Barriers
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Pedestrian Guardrails and Handrails
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Drainage and Service Ducts

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Drainage and Service Ducts in Structures
Alternative Types of Pavement

Series 600

Earthworks

General
Processing Materials
Compaction and Deposition of Fill
Geological Terms
Alternative Types of Pavement
Capping
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	Crib Walling, Reinforced Earth Structures and Anchored Earth Structures
	Typical Earthworks Schedules
	Ground Water Lowering
	Trial Pits
	Perforation of Redundant Slabs, Basements and the Like
	Geotextiles
	Stated Class of Imported Material
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	Processing of Unacceptable Material Class U1
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Series 700	Pavements
	Joints
	Alternative Types of Pavements
	Bond Coats
	Repairs to Existing Concrete Carriageways
	Regulating
	Lower Base and Upper Base
	Low Energy Bound Mixtures
	Geotextiles and Geotextile-related products
	Repair Systems
Series 800	Not taken up
Series 900	Not taken up
Series 1000	Not taken up
Series 1100	Kerbs, Footways and Paved Areas
	Steps
Series 1200	Not taken up
Series 1300	Not taken up
Series 1400	Electrical Work for Road Lighting and Traffic Signs
	Location of Cables
	Earth Electrodes
Series 1500	Motorway Communications
	TV Monitoring to Motorways, Other Roads and Temporary Diversions for Traffic
	Location of Cables
	Application to Non-Motorway Schemes

Series 1600	Piling and Embedded Retaining Walls Casings and Linings Steel Bearing Piles Embedded Retaining Walls Instrumentation for Piles and Embedded Retaining Walls Propping and Anchorages for Embedded Retaining Walls King Post Walls
Series 1700	Structural Concrete Curved Formwork Finishes to Concrete Underbridges and Footbridges
Series 1800	Structural Steelwork Miscellaneous Surface Preparation
Series 1900	Not taken up
Series 2000	Waterproofing for Structures Additional Protective Layers
Series 2100	Not taken up
Series 2200	Parapets Series Not Used
Series 2300	Not taken up
Series 2400	Brickwork, Blockwork and Stonework General
Series 2500	Special Structures Designated Outlines Foundations Alterations Detailing of Designed Outlines
Series 2600	Not taken up
Series 2700	Accommodation Works and Works for Statutory Undertakers General

2. Item Coverage

Item coverages in the Requirements for Measuring and Pricing (RMP) in TII Publications (Standards) ensure that the Contractor knows the items of work to be covered by the rates and prices he inserts against the appropriate items in the Bill of Quantities. However, coverages relative to the base item description are not normally included, for example cement in concrete, nor are those contingently and indispensably necessary to enable the work item to be completed satisfactorily, for example nuts and bolts in safety barrier systems. Similarly general obligations are not separately covered, for example obligations set out in the Conditions or covered in the Preambles to Bill of Quantities. The basic item coverages closely match the Specification for Works (SPW) and the Standard Construction Details (SCD) in TII Publications (Standards). Hence if changes are introduced into the Specification the item coverages have to be reviewed to ensure that they accurately relate to the revised Specification. Changes to the Specification should not be introduced on the drawings in the Contract although revised drawings may reflect revisions to the Specification in which case reference to the drawings should be incorporated in the Specification. Conversely item coverages should not be extended to include items of work which are not specified or not shown in the SCDs.

Item coverages often refer to item coverages set out in one or more other Series. The complete item coverage therefore embodies all such references despite those references appearing to be unconnected with the original item in some cases.

3. Extra Over Items

Extra Over (EO) items shown in the RMP are applied to a base item where a significant additional burden is placed upon the Contractor to undertake extra work of much the same nature as the work covered by the base item. The quantities to be billed for the EO items must be in respect of work included with the quantities for the base item. Consequently the item coverage in respect of the quantities for the EO item comprises a summation of that for the base item and the EO item.

4. Remove From Store and Re-erect/Re-install/Relay

The items for remove from store and re-erect, reinstall, relay include items which have been removed to store off Site designated by the Employer's Representative and items which have been set aside by the Contractor as required by the Contract.

5. Hard Material

Excavation in Hard Material occurs in the item coverage for several items of work, for example, fencing, safety fencing, traffic signs and road markings, road lighting and electrical work. The Contract should contain information known to the compiler about the existence and extent of Hard Material and this should include existing buried roads and the like. This would not relieve the Contractor of his obligations under the Conditions. Hard Materials is measured extra over normal excavation for earthworks and drainage and guidance is given under Series 600.

6. Testing


Table NG 1/1 lists tests and the frequencies with which they should normally be undertaken. The compiler has to decide which of those tests are to be undertaken by the Contractor and those for which the Contractor is to provide samples for the Employer's Representative to carry out tests. Those tests to be undertaken by the Contractor have to be scheduled in Appendix 1/5 of the Specification. The Contractor will then be deemed to have included the value of those tests in his rates and prices. Testing is covered by Preamble 2(vii) to the Bill of Quantities and no items should be included in the Bill of Quantities for testing. Where additional types or numbers of tests are ordered by the Employer's Representative they should be paid for under the provisions contained within the Conditions of Contract except where they relate to tests applicable to goods or materials put forward by the Contractor when reasonable tests should be called for at the Contractor's expense to ensure conformity with the Specification (see CC-SPW-00100 - Specification for Works Series 100 - Preliminaries).

The provision and delivery of samples to be tested by the Employer's Representative is covered in CC-RMP-00010 - Introduction to the Requirements for Measuring and Pricing.

7. Modification and New Materials

The item coverage applicable to removing from store and re-erecting/re-installing/relaying various materials includes for modification and new materials to the extent that the requirements are detailed in the Contract. Modification and new materials of which the Contractor was not informed at the time of tender are not covered by this item coverage




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