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Transport Infrastructure Ireland

TII Publications

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TII Schedule of Rates 2019

CC-GMP-00054
October 2019

About TII

Transport Infrastructure Ireland (TII) is responsible for managing and improving the country's national road and light rail networks.

About TII Publications

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User Notes

General

- a) This database has been compiled by TII by reference to numerous traditionally procured tenders received with the purpose of assisting parties involved in the preparation of estimates for roadworks schemes.
- b) The rates are current as of the base date indicated within the database summary.
- c) All rates are in euro and are exclusive of VAT.

Item Coverage

- d) Where possible, the range of rates and prices provided is based on reference to a number of projects - the intention is to provide an indication of the anticipated range of rates that are likely to be encountered in successful TRADITIONAL REMEASUREMENT tenders incorporating bills of quantities prepared in accordance with the TII Requirements for Measurement and Pricing (RMP).
- e) It is not intended that the list of items included covers all measurement items identified within the TII Method of Measurement. Provision for measurement items not listed and for risk where appropriate must be included for separately in any estimate which has made reference to this database.
- f) The database has not been compiled in accordance with the TII Method of Measurement requirements for preparing a Bill of Quantities and therefore should not be used as a template for same.

Using the Database

- g) Caution must be exercised when using the rates contained within this database - they are not intended to reflect rates as they apply to any particular project. Project specific factors must be considered. Such factors might include:
 - programme of works (e.g. consider inflation; winter working etc.)
 - ground conditions
 - temporary works requirements
 - scale of works (e.g. major volumes may necessitate reductions)
 - site location (e.g. urban or rural)
 - design complexity (e.g. unique or routine)
 - risk profile
 - construction methods (e.g. specialised or conventional)
 - specification of materials and finishes
- h) The rates are reflective of tender rates and the risk transfer included for in tender documents for traditional remeasurement contracts. They may not therefore be reflective of the final outturn cost for the items described.
- i) The user should be aware that careful judgement is required when selecting the most appropriate rate from the rates provided in this 2019 schedule of rates. When the user selects a rate professional judgement should be used to adjust the rates to reflect any site specific constraints or conditions (ground conditions, haul distances etc.). It should be noted that the practice of using the average rate in developing a costing or budget for a project is not recommended.
- j) Particular care must be taken when using the Earthworks and Drainage rates which are extremely sensitive to local factors such as material classification, earthwork balance, haulage distance and disposal solutions. The rate ranges (low to high) provide the user with rates for a typical earthworks scenario on major projects only and therefore it is possible to encounter a situation whereby the range does not cover your project specifically. Some local knowledge (e.g. locations of nearest tips, quarries, etc.) is therefore essential to be certain that the range provided and the rate ultimately selected reflect project specifics.
- k) It is expected that cost estimates for earthworks in particular where quantities are available will take account of project specifics (e.g. locations of nearest tips, quarries, etc.).
- l) Where percentages are used in lieu of rates or prices, the percentage amount represents the typical % of the balance of the tender amount.

Preliminaries

Preliminaries

CC-RMP-00100 Preliminaries

			2019 Lower	2019 Upper
100.1	Percentage range from Contractors' priced Preliminaries items	%	10%	18%

Roadworks

Roadworks General

CC-RMP-00200 Site Clearance

			2019 Lower	2019 Upper
	Site Clearance			
200.1	General Site Clearance	ha	€250.00	€2,000.00
	Demolition of Individual or Groups of Buildings or Structures			
200.2	Demolition of Individual or Groups of Buildings or Structures (detached two storey house)	item	€1,000.00	€5,000.00
200.3	Partial Demolition of Individual Structures	item	€500.00	€2,000.00
	Take Up or Down and Set Aside for Reuse or Remove to Store or Tip off Site			
200.4	Take up or down and remove to tip off Site existing kerb	m	€3.50	€6.00
200.5	Take up or down and remove to tip off Site existing wire rope safety barrier including posts	m	€6.00	€10.00
200.6	Take up or down and remove to tip off Site existing wire rope safety barrier terminal	m	€25.00	€65.00
200.7	Take up or down and remove to tip off Site existing Road lighting column	no	€65.00	€135.00
200.8	Take up or down and remove to tip off Site existing Traffic Sign and poles	no	€55.00	€150.00
200.9	Take up or down and remove to tip chamber covers and frames and the like	no	€50.00	€80.00

Roadworks

Roadworks General

CC-RMP-00300 Fencing and Environmental Noise Barriers

			2019 Lower	2019 Upper
Fencing, Gates and Stiles				
Fencing				
300.1	Timber Post and Rail Fencing 1300mm High in accordance with RCD/300/1	m	€21.00	€33.00
300.2	Timber Post and Rail Stud Fencing Type A 1350mm High in accordance with RCD/300/2	m	€24.00	€38.00
300.3	Timber Post and Rail Stud Fencing Type B 1350mm High in accordance with RCD/300/2b single fence only	m	€20.00	€35.00
300.4	Temporary fencing 900mm high	m	€6.00	€9.00
300.5	Timber Post and Rail Mammal Fencing 1300mm High in accordance with RCD/300/19	m	€23.00	€38.00
300.6	E/O for Concrete Footing to Posts for Timber Post and Rail Fencing 1300mm & 1350mm High	no	€13.00	€25.00
300.7	Concrete Post and Rail Fencing 1400mm high in accordance with RCD/300/3	m	€28.00	€48.00
300.8	Cranked Concrete Post and Mesh Fence 2400mm high in accordance with RCD/300/18	m	€40.00	€65.00
300.9	E/O for Concrete Footing to Posts for Concrete Post and Rail Fencing 1400mm High	no	€18.00	€30.00
300.10	Cleft Chestnut pale Fence 1200mm High in accordance with RCD/300/5	m	€13.00	€21.00
300.11	Concrete Post and Mesh Fencing, 1225mm High in accordance with RCD/300/6	m	€25.00	€45.00
300.12	Woven and Lap Boarded Panel Fence, 1800mm high in accordance with RCD/300/7	m	€40.00	€73.00
Gates				
300.13	Steel (Single) Field Gate 1100mm H x 4000mm as RCD/300/9 Type 1 no mesh	no	€450.00	€600.00
300.14	Steel (Single) Field Gate 1100mm H x 4000mm as RCD/300/9 Type 2 no mesh	no	€490.00	€750.00
300.15	Steel (Single) Field Gate 1100mm H x 4800mm as RCD/300/9 Type 3 no mesh	no	€500.00	€750.00
300.16	E/O 1/2 mesh to above	no	€50.00	€90.00
300.17	E/O full mesh to above	no	€110.00	€180.00

300.18	Steel (double) Field Gate 1100mm H x 6000mm (4m and 2m) as RCD/300/10	no	€650.00	€900.00
300.19	Steel (double) Field Gate 1100mm H x 7000mm (4.8m and 2.2m) as RCD/300/10	no	€700.00	€1,125.00
300.20	E/O 1/2 mesh to above	no	€90.00	€135.00
300.21	E/O full mesh to above	no	€190.00	€275.00
300.22	Timber (Single) Field Gate 1270mm H x 3600mm as RCD/300/11	no	€400.00	€825.00
300.23	Timber Wicket Gate 1270mm H x 1100mm as RCD/300/12	no	€400.00	€700.00
300.24	Palisade Fencing 2400mm High in accordance with RCD/300/17	m	€85.00	€140.00
Remove from Store and Re-erect Fencing, Gates and Stiles				
300.25	Steel (single) Field Gate, re-erected existing field gate similar to RCD/300/9	no	€210.00	€315.00
300.26	Take Down and remove from site existing Timber Post and Rail Fencing	m	€8.00	€15.00
Walls and Environmental Noise Barriers				
300.27	Crossing Barrier, 1600mm high, Absorptive	m	€350.00	€525.00
300.28	Crossing Barrier, 3000mm high, Reflective	m	€600.00	€900.00
300.29	Mainline Barrier, 1500mm high, Absorptive	m	€140.00	€240.00
300.30	Mainline Barrier, 2000mm high, Absorptive	m	€180.00	€280.00
300.31	Mainline Barrier, 2500mm high, Absorptive	m	€190.00	€300.00
300.32	Mainline Barrier, 3000mm high, Absorptive	m	€260.00	€320.00
300.33	Mainline Barrier, 3500mm high, Absorptive	m	€300.00	€350.00
300.34	Mainline Barrier, 1500mm high, Standard/Reflective	m	€90.00	€150.00
300.35	Mainline Barrier, 2000mm high, Standard/Reflective	m	€120.00	€180.00
300.36	Mainline Barrier, 2500mm high, Standard/Reflective	m	€150.00	€225.00
300.37	Mainline Barrier 3000mm high, Standard/Reflective	m	€190.00	€250.00
300.38	Mainline Barrier, 3500mm high, Standard/Reflective	m	€230.00	€300.00
300.39	Screening Mounds, Class 4, min. 1.5m high, min. 0.5m wide at top, slope not greater than 1 in 1	m	€18.00	€28.00
300.40	Bat boxes	no	€225.00	€320.00
300.41	Mammal-proof Watergates	no	€200.00	€350.00

Roadworks

Roadworks General

CC-RMP-00400 Safety Barriers and Pedestrian Guardrails

			2019 Lower	2019 Upper
Safety Barrier Systems				
400.1	Median Wire Rope Barrier	m	€30.00	€50.00
400.2	In-Situ Concrete Barrier to Median in accordance with RCD/400/7	m	€75.00	€150.00
400.3	In-Situ Concrete Barrier to Median in accordance with RCD/400/7 where carriageway is super elevated	m	€100.00	€160.00
400.4	Single sided safety barrier, Containment Level (N1), Impact Severity Level (A), Working width (W5) straight or curved exceeding 120m radius	m	€31.00	€47.00
400.5	Single sided safety barrier, Containment Level (N1), Impact Severity Level (A), Working width (W5), not exceeding 50m radius	m	€38.00	€58.00
400.6	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W2) straight or curved exceeding 120m radius	m	€35.00	€67.00
400.7	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W4) straight or curved exceeding 120m radius	m	€30.00	€53.00
400.8	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W5) straight or curved exceeding 120m radius	m	€28.00	€47.00
400.9	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W5) curved exceeding 50m but not exceeding 120m radius	m	€31.00	€47.00
400.10	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W5) curved not exceeding 50m radius	m	€38.00	€58.00
400.11	Single sided safety barrier, Containment Level (N2), Impact Severity Level (A), Working width (W6) straight or curved exceeding 120m radius	m	€31.00	€47.00
400.12	Single sided safety barrier, Containment Level (H1), Impact Severity Level (A), Working width (W4) straight or curved exceeding 120m radius	m	€45.00	€67.00
400.13	Single sided safety barrier, Containment Level (H1), Impact Severity Level (A), Working width (W4), not exceeding 50m radius	m	€55.00	€83.00
400.14	Single sided safety barrier, Containment Level (H1), Impact Severity Level (A), Working width (W4) straight or curved exceeding 120m radius	m	€45.00	€67.00
400.15	Single sided safety barrier, Containment Level (H2), Impact Severity Level (A), Working width (W4) straight or curved exceeding 120m radius	m	€124.00	€186.00

400.16	Single sided safety barrier, Containment Level (H2), Impact Severity Level (A), Working width (W4) not exceeding 50m radius	m	€196.00	€294.00
400.17	Single sided safety barrier, Containment Level (H2), Impact Severity Level (A), Working width (W6) straight or curved exceeding 120m radius	m	€97.00	€145.00
Transitions				
400.18	Transition, Containment level (H4/H2), Impact Severity Performance (A), Working width (W5/W2), to Terminal Performance Class P2/P4 Single Sided, Straight or curved exceeding 120m radius	no	€2,000.00	€3,000.00
400.19	Transition, Containment level (N1/H4B), Impact Severity Performance (A), Working width (W4/W4), to Terminal Performance Class P2/P4 Single Sided, Straight or curved exceeding 120m radius	no	€3,960.00	€5,940.00
400.20	Transition, Containment level (H2/N2), Impact Severity Performance (A), Working width (W4/W5), to Terminal Performance Class P2/P4 Single Sided, Straight or curved exceeding 120m radius	no	€1,440.00	€2,160.00
400.21	Transition, Containment level (H2/H2), Impact Severity Performance (A), Working width (W6/W4), to Terminal Performance Class P2/P4 Single Sided, Straight or curved exceeding 120m radius	no	€1,592.00	€2,388.00
400.22	Transition, Containment level (H2/H2), Impact Severity Performance (A), Working width (W4/W6), to Terminal Performance Class P2/P4 Single Sided, Straight or curved exceeding 120m radius	no	€1,592.00	€2,388.00
Terminals				
400.23	Terminal with Lateral displacement zone class X2Y2, N1 W5, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€792.00	€1,188.00
400.24	Terminal with Lateral displacement zone class X2Y2, N2 W4, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€792.00	€1,188.00
400.25	Terminal with Lateral displacement zone class X2Y2, N2 W5, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€792.00	€1,188.00
400.26	Terminal with Lateral displacement zone class X2Y2, H1 W4, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€792.00	€1,188.00
400.27	Terminal with Lateral displacement zone class X2Y2, H2 W4, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€1,720.00	€2,580.00

400.28	Terminal with Lateral displacement zone class X2Y2, H2 W6, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€1,504.00	€2,256.00
400.29	Terminal with Lateral displacement zone class X2Y2, H4b W4, performance class P4 impact severity class B exit box class Z1 which is designed to be impacted on one side only	no	€1,800.00	€2,750.00
400.30	Connection to Bridge Parapets N2 W2	no	€750.00	€1,100.00
400.31	Connection to Bridge Parapets N2 W5	no	€750.00	€1,100.00
400.32	Connection to Bridge Parapets H2 W6	no	€2,000.00	€2,800.00
Pedestrian Parapets, Pedestrian Guardrails and Handrails				
400.33	Pedestrian Guardrail in accordance with RCD/400/1, installed straight or curved exceeding 50 m radius	m	€104.00	€172.50
Anti-Glare Screens				
400.34	Anti-glare screen, Type A, Straight or curved exceeding 120 meters radius in accordance with IS EN 12676	m	€90.00	€150.00

Roadworks

Roadworks General

CC-RMP-00600 Earthworks

			2019 Lower	2019 Upper
Excavation				
600.1	Excavation of acceptable material Class 5A (Topsoil)	m3	€0.75	€3.50
600.2	Excavation of acceptable material excluding Class 5A in cutting and other excavation	m3	€1.00	€4.30
600.3	Excavation of unacceptable material Class U1 in cutting and other excavation	m3	€1.00	€4.50
600.4	Excavation of unacceptable material Class U2 in cutting and other excavation	m3	€1.50	€16.00
600.5	Extra over for excavation in Hard Material	m3	€3.00	€18.00
Processing of Unacceptable Material Class U1				
600.6	Processing of unacceptable material Class U1 into Class 1C	m3	€1.90	€4.00
600.7	Processing of unacceptable material Class U1 into Class 4	m3	€1.55	€4.40

Deposition of Fill				
600.8	Deposition of acceptable material in Embankments and other areas of fill	m3	€1.60	€5.30
Disposal of Material				
600.9	Disposal of acceptable material excluding Class 5A	m3	€0.30	€4.50
600.10	Disposal of acceptable material Class 5A (Topsoil)	m3	€0.30	€4.50
600.11	Disposal of unacceptable material Class U1 (short haul distance only)	m3	€0.55	€7.50
600.12	Disposal of unacceptable material Class U2 (Contaminated Material)	m3	€30.00	€350.00
Imported Fill				
600.13	Imported topsoil Class 5B	m3	€12.50	€25.00
600.14	Imported acceptable material fill	m3	€6.00	€15.00
600.15	Imported Capping Material to Class 6F1	m3	€15.00	€28.00
Compaction of Fill				
600.16	Compaction of Acceptable material (including Capping)	m3	€0.10	€1.50
Soil Improvements				
600.17	Soil Improvement, General Fill, lime	m3	€6.50	€9.00
Geotextiles				
600.18	Geotextile Terram 1000	m2	€0.50	€1.50
600.19	Geotextile Terram 2000	m2	€1.50	€2.00
600.20	Geotextile, Geogrid Embankment reinforcement	m2	€3.00	€3.75
600.21	Geotextile, Basal Reinforcement (biaxial geogrid)	m2	€3.00	€4.50
Soft Spots and Other Voids				
600.22	Excavation of soft spots and other voids below cuttings or under embankments	m3	€1.50	€10.00
600.23	Filling of soft spots and other voids below cuttings or under embankments, acceptable material	m3	€5.00	€18.00
600.24	Filling of soft spots and other voids below cuttings or under embankments, 6N/6P Material	m3	€14.00	€25.00
600.25	Backfilling disused services with Grade ST4 Concrete	m3	€55.00	€120.00

Topsoiling and Storage of Topsoil				
600.26	Topsoiling 300mm Surfaces sloping at 10 degrees or less to the horizontal	m2	€0.50	€3.00
600.27	Topsoiling 300mm Surfaces sloping at more than 10 degrees to the horizontal	m2	€1.25	€3.50
Grass Seeding and Turfing				
600.28	Grass Seeding surfaces sloping at 10 degrees or less to the horizontal	m2	€0.20	€0.60
600.29	Grass Seeding surfaces sloping at more than 10 degrees to the horizontal	m2	€0.30	€0.90
600.30	Hydraulic mulch grass seeding surfaces sloping at 10 degrees or less to the horizontal (large areas)	m2	€0.35	€0.80
600.31	Hydraulic mulch grass seeding surfaces sloping at more than 10 degrees to the horizontal (large areas)	m2	€0.40	€0.90
Completion of Formation and Sub-Formation				
600.32	Completion of sub-formation on acceptable material	m2	€0.06	€0.70
600.33	Completion of formation on rock in cuttings	m2	€0.80	€1.30
600.34	Completion of formation on acceptable material	m2	€0.30	€1.00
Clearing of Existing Ditches				
600.35	Clearing of existing ditches cross sectional area < 1m2	m	€5.00	€12.00
600.36	Clearing of existing ditches cross sectional area between 1 - 2m2	m	€6.00	€12.00
Gabion Walling and Mattresses				
600.37	Gabion walling Galvanised welded mesh basket 1m x 1m x 1m backfilling with Class 6G Fill	m3	€100.00	€165.00
600.38	Gabion Mattresses Galvanised welded mesh basket 2m x 2m x 0.5m backfilling with Class 6G Fill	m3	€110.00	€180.00

Roadworks

Main Carriageway

CC-RMP-00500 Drainage and Service Ducts

			2019 Lower	2019 Upper
	Drains , Sewers , Piped Culverts and Service Ducts (Excluding Filter Drains, Narrow Filter Drains & Fin Drains)			
	Drain Type A			
500.1	Drains or Sewer, 225mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€43.00	€74.00
500.2	Drains or Sewer, 225mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 2.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€61.00	€104.00
500.3	Drains or Sewer, 300mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type A, construction to trench, to side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€39.00	€67.00
500.4	Drains or Sewer, 300mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 2.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€65.00	€111.00
500.5	Drains or Sewer, 450mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€57.00	€97.00
500.6	Drains or Sewer, 450mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€76.00	€131.00
500.7	Drains or Sewer, 600mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€100.00	€172.00
500.8	Drains or Sewer, 600mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€133.00	€228.00
500.9	Drains or Sewer, 750mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€175.00	€300.00

501.10	Drains or Sewer, 750mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type A, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€175.00	€300.00
Drain Type S				
500.11	Drains or Sewer, 150mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€25.00	€55.00
500.12	Drains or Sewer, 225mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€42.00	€71.00
500.13	Drains or Sewer, 225mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€59.00	€102.00
500.14	Drains or Sewer, 300mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€44.00	€75.00
500.15	Drains or Sewer, 300mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€63.00	€108.00
500.16	Drains or Sewer, 450mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€54.00	€92.00
500.17	Drains or Sewer, 450mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€74.00	€126.00
500.18	Drains or Sewer, 600mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€90.00	€154.00
500.19	Drains or Sewer, 600mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€130.00	€223.00
500.20	Drains or Sewer, 750mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€134.00	€230.00

500.21	Drains or Sewer, 750mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€171.00	€293.00
500.22	Drains or Sewer, 900mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€152.00	€260.00
500.23	Drains or Sewer, 900mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type S, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€190.00	€326.00
Drain Type T				
500.24	Drains or Sewer, 150mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€40.00	€69.00
500.25	Drains or Sewer, 225mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€42.00	€71.00
500.26	Drains or Sewer, 225mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€59.00	€102.00
500.27	Drains or Sewer, 300mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€44.00	€75.00
500.28	Drains or Sewer, 300mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€63.00	€108.00
500.29	Drains or Sewer, 450mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€54.00	€108.00
500.30	Drains or Sewer, 450mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€74.00	€147.00
500.31	Drains or Sewer, 600mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€90.00	€180.00

500.32	Drains or Sewer, 600mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€139.00	€279.00
500.33	Drains or Sewer, 750mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€134.00	€270.00
500.34	Drains or Sewer, 750mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€181.00	€362.00
500.35	Drains or Sewer, 900mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€152.00	€303.00
500.36	Drains or Sewer, 900mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type T, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€201.00	€403.00
Drain Type Z				
500.37	Drains or Sewer, 150mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€42.00	€72.00
500.38	Drains or Sewer, 225mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€63.00	€108.00
500.39	Drains or Sewer, 300mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€70.00	€120.00
500.40	Drains or Sewer, 300mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€89.00	€152.00
500.41	Drains or Sewer, 450mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€85.00	€146.00
500.42	Drains or Sewer, 450mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€105.00	€195.00

500.43	Drains or Sewer, 600mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€134.00	€249.00
500.44	Drains or Sewer, 600mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€173.00	€322.00
500.45	Drains or Sewer, 750mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€188.00	€322.00
500.46	Drains or Sewer, 750mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€224.00	€384.00
500.47	Drains or Sewer, 1050mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€259.00	€445.00
500.48	Drains or Sewer, 1050mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€300.00	€515.00
500.49	Drains or Sewer, 1200mm diameter, depths to invert not exceeding 2m; average depth 1.5m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€320.00	€549.00
500.50	Drains or Sewer, 1200mm diameter, depths to invert exceeding 2m but not exceeding 4m; average depth 3m, Type Z, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/21	m	€380.00	€651.00
Filter Drains				
Filter Drains Type K				
500.51	Piped Filter drains, 225mm diameter, depth not exceeding 2m; average depth 1m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€33.00	€57.00
500.52	Piped Filter drains, 225mm diameter, depth not exceeding 2m; average depth 1.5m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€43.00	€74.00
500.53	Piped Filter drains, 300mm diameter, depth not exceeding 2m; average depth 1m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€38.00	€71.00

500.54	Piped Filter drains, 300mm diameter, depth not exceeding 2m; average depth 1.5m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€37.00	€79.00
500.55	Piped Filter drains, 450mm diameter, depth to invert exceeding 2m but not exceeding 4m; average depth 2.5m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€104.00	€178.00
500.56	Piped Filter drains, 525mm diameter, depth to invert exceeding 2m but not exceeding 4m; average depth 3m, Type K, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€120.00	€205.00
Filter Drains Type I				
500.57	Piped Filter drains, 225mm diameter, depth not exceeding 2m; average depth 1m, Type I, in side slopes of cuttings or side slopes of embankments	m	€34.00	€58.00
500.58	Piped Filter drains, 225mm diameter, depth not exceeding 2m; average depth 1.5m, Type I, in side slopes of cuttings or side slopes of embankments	m	€46.00	€79.00
500.59	Piped Filter drains, 300mm diameter, depth not exceeding 2m; average depth 1m, Type I, in side slopes of cuttings or side slopes of embankments	m	€38.00	€65.00
500.60	Piped Filter drains, 300mm diameter, depth not exceeding 2m; average depth 1.5m, Type I, in side slopes of cuttings or side slopes of embankments	m	€53.00	€92.00
500.61	Piped Filter drains, 450mm diameter, depth to invert exceeding 2m but not exceeding 4m; average depth 2.5m, Type I, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€112.00	€191.00
500.62	Piped Filter drains, 525mm diameter, depth to invert exceeding 2m but not exceeding 4m; average depth 3m, Type I, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/20	m	€126.00	€215.00
500.63	Filter material contiguous with filter drain, Type A to Clause 505	m ³	€16.00	€35.00
500.64	Filter material contiguous with filter drain, Type B to Clause 505	m ³	€16.00	€35.00
Fin Drains and Narrow Filter Drains				
500.65	Fin drains, Type 6 100mm perforated pipe, depth not exceeding 1.5m in accordance with RCD/500/40	m	€25.00	€43.00
500.66	Narrow filter drains to RCD/500/40&42 Type 8 and RCD/500/40 Type 9, depth not exceeding 1.5m	m	€27.00	€46.00
500.67	Narrow filter drains Type 9 100mm diameter, depth not exceeding 1.5m in accordance with as RCD/500/40&42	m	€18.00	€31.00

Chambers & Gullies				
Manholes Type A				
500.68	Chambers, Type A 975mm x 1350mm, depth to invert not exceeding 1m in accordance with RCD/500/2	no	€653.00	€1,120.00
Manholes Type B				
500.69	Chambers, Type B 1350mm x 1690mm, depth to invert not exceeding 1m in accordance with RCD/500/3	no	€825.00	€1,414.00
Manholes Type C				
500.70	Chambers, Type C 1050mm diameter, depth to invert not exceeding 1m in accordance with RCD/500/4	no	€440.00	€754.00
500.71	Chambers, Type C 1050mm diameter, depth to invert exceeding 1m but not exceeding 2m in accordance with RCD/500/4	no	€569.00	€975.00
500.72	Chambers, Type C 1050mm diameter, depth to invert exceeding 2m but not exceeding 3m in accordance with RCD/500/4	no	€698.00	€1,197.00
500.73	Chambers, Type C 1050mm diameter, depth to invert exceeding 3m but not exceeding 4m in accordance with RCD/500/4	no	€827.00	€1,418.00
500.74	Chambers, Type C 1200mm diameter, depth to invert exceeding 1m but not exceeding 2m in accordance with RCD/500/4	no	€613.00	€1,050.00
500.75	Chambers, Type C 1200mm diameter, depth to invert exceeding 2m but not exceeding 3m in accordance with RCD/500/4	no	€780.00	€1,338.00
500.76	Chambers, Type C 1350mm diameter, depth to invert exceeding 1m but not exceeding 2m in accordance with RCD/500/4	no	€1,421.00	€2,437.00
500.77	Chambers, Type C 1350mm diameter, depth to invert exceeding 2m but not exceeding 3m in accordance with RCD/500/4	no	€1,920.00	€3,292.00
500.78	Chambers, Type C 1500mm diameter, depth to invert exceeding 1m but not exceeding 2m in accordance with RCD/500/4	no	€1,700.00	€2,700.00
500.79	Chambers, Type C 1500mm diameter, depth to invert exceeding 2m but not exceeding 3m in accordance with RCD/500/4	no	€2,300.00	€3,900.00
Manholes Type D				
500.80	Chambers, Type D, 1050mm diameter, depth to invert exceeding 3m but not exceeding 4m in accordance with RCD/500/5	no	€1,213.00	€2,079.00
500.81	Chambers, Type D, 1200mm diameter, depth to invert exceeding 1m but not exceeding 2m in accordance with RMP/500/5	no	€648.00	€1,111.00
500.82	Chambers, Type D, 1200mm diameter, depth to invert exceeding 2m but not exceeding 3m in accordance with RMP/500/5	no	€860.00	€1,474.00
500.83	Chambers, Type D, 1200mm diameter, depth to invert exceeding 3m but not exceeding 4m in accordance with RMP/500/5	no	€1,214.00	€2,081.00
500.84	Chambers, Type D, 1500mm diameter, depth to invert exceeding 3m but not exceeding 4m in accordance with RMP/500/5	no	€1,550.00	€2,657.00

500.85	Chambers, Type D, 1500mm diameter, depth to invert exceeding 4m but not exceeding 5m in accordance with RMP/500/5	no	€2,335.00	€4,004.00
500.86	Chambers, Type D, 1500mm diameter, depth to invert exceeding 5m but not exceeding 6m in accordance with RMP/500/5	no	€3,879.00	€6,650.00
Manholes Type F				
500.87	Chambers, Type F 1500mm diameter, depth to invert exceeding 6m but not exceeding 7m in accordance with RCD/500/9	no	€3,416.00	€5,857.00
500.88	Chambers, Type F 1500mm diameter, depth to invert exceeding 7m but not exceeding 8m in accordance with RCD/500/9	no	€3,957.00	€8,479.00
500.89	Chambers, Type F 1500mm diameter, depth to invert exceeding 8m but not exceeding 9m in accordance with RCD/500/9	no	€4,508.00	€9,661.00
500.90	Chambers, Type F 1500mm diameter, depth to invert exceeding 9m but not exceeding 10m in accordance with RCD/500/9	no	€5,874.00	€10,070.00
Precast Concrete Gullies, or equal and approved				
500.91	Precast concrete Gullies, depth to invert not exceeding 1m, with Type E600 grating, untraped in accordance with RCD/500/10&12	no	€240.00	€400.00
500.92	Precast concrete Gullies, depth to invert not exceeding 1m, with Type E600 grating, trapped in accordance with RCD/500/10&12	no	€240.00	€400.00
500.93	In-situ concrete and blockwork gullies, depth to invert not exceeding 1m, with Type E600 grating in accordance with RCD/500/11	no	€300.00	€450.00
500.94	Chamber, Catchpit Type G, Depths to invert not exceeding 1m, max depth 1.35m in accordance with RCD/500/9	no	€750.00	€1,200.00
Drains , Sewers, Piped Culverts and Service Ducts (Excluding Filter Drains, Narrow Filter Drains & Fin Drains) Cont'd				
500.95	UPVC Service Duct, 50mm Internal Diameter 1 way, depths to invert not exceeding 2m; average depth 1m, Type C, construction to trench, in side slopes of cuttings or side slopes of embankments in accordance with RCD/500/62	m	€15.00	€25.00
500.96	UPVC Service Duct, 50mm Internal Diameter 2 way, depths to invert not exceeding 2m; average depth 1m, Type C, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/62	m	€18.00	€30.00
500.97	UPVC Service Duct, 100mm Internal Diameter 1 way, depths to invert not exceeding 2m; average depth 1m, Type C, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/62	m	€20.00	€40.00

500.98	UPVC Service Duct, 100mm Internal Diameter 2 way, depths to invert not exceeding 2m; average depth 1m, Type C, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/62	m	€21.00	€35.00
500.99	UPVC Service Duct, 100mm Internal Diameter 2 way, depths to invert not exceeding 2m; average depth 1m, Type A, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/62	m	€22.00	€45.00
500.100	UPVC Service Duct, 100mm Internal Diameter 4 way, depths to invert not exceeding 2m; average depth 1m, Type A, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/62	m	€31.00	€55.00
Crossings				
500.101	Service Duct, 150mm Internal Diameter 1 way, depths to invert not exceeding 2m; average depth 1m, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/61	m	€35.00	€65.00
500.102	Service Duct, 150mm Internal Diameter 2 way, depths to invert not exceeding 2m; average depth 2m, Type A, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/500/61	m	€50.00	€65.00
Main Works for ESB (By Contractor)				
500.103	ESB Service Duct, 150mm internal diameter 1 way, depths to invert not exceeding 2m; average depth 1m, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/1500/11	m	€20.00	€50.00
500.104	ESB Service Duct, 150mm internal diameter 1 way, depths to invert not exceeding 2m; average depth 1m, construction to trench, in side slope cuttings or side slopes of embankments in accordance with RCD/1500/12	m	€35.00	€55.00
Chambers				
500.105	Comms Chambers as per RCD / 1500 / 15	no	€800.00	€1,500.00
500.106	ESB Chamber	no	€650.00	€1,050.00
EIR Chambers (upper range includes for construction in carriageways)				
500.107	Chamber JB 2	no	€1,100.00	€1,500.00
500.108	Chamber JB 4	no	€1,300.00	€1,800.00
500.109	Chamber JB 2A	no	€1,200.00	€1,800.00
500.110	Chamber JB 4A	no	€1,500.00	€2,000.00

500.111	Piped Culverts, 525mm internal diameter, depths to invert exceeding 2m but not exceeding 4m average depth 2.5m, construction to trench, In side slopes of cuttings or side slopes of embankments	m	€125.00	€200.00
500.112	Piped Culverts, 525mm internal diameter, depths to invert exceeding 4m but not exceeding 6m average depth 4.5m, construction to trench, In side slopes of cuttings or side slopes of embankments	m	€110.00	€250.00
500.113	Piped Culverts, 900mm internal diameter, depths to invert exceeding 4m but not exceeding 6m average depth 5.5m, construction to trench, In side slopes of cuttings or side slopes of embankments	m	€210.00	€450.00
500.114	Piped Culverts, 1350mm internal diameter, depths to invert exceeding 4m but not exceeding 6m average depth 5.5m, construction to trench, In side slopes of cuttings or side slopes of embankments	m	€350.00	€650.00
Connections				
500.115	Connection of communication ducts to service ducts 75mm diameter, depth not exceeding 2m	no	€75.00	€100.00
500.116	Connection of communication ducts to service ducts 100mm diameter, depth not exceeding 2m	no	€100.00	€170.00
500.117	Connection of communication ducts to service ducts 150mm diameter, depth not exceeding 2m	no	€110.00	€180.00
500.118	Connection of communication ducts to service ducts 225mm diameter, depth not exceeding 2m	no	€120.00	€240.00
500.119	Connection to existing manholes or catchpits 225mm diameter, depths not exceeding 2m	no	€150.00	€500.00
500.120	Connection of 100mm drain to permanently served land or mole drain 225mm diameter, depth not exceeding 2m	no	€150.00	€500.00
500.121	Connection of 150mm drain to permanently served land or mole drain 300mm diameter, depth not exceeding 2m	no	€200.00	€550.00
Headwalls and Culverts				
500.122	Precast Concrete Box Culverts, 3,000mm x 3,000mm	m	€4,197.00	€5,456.00
500.123	Precast Concrete Box Culverts, 2,400mm x 2,400mm	m	€3,182.00	€4,137.00
500.124	Precast Concrete Box Culverts, 2,100mm x 2,100mm	m	€2,729.00	€3,547.70
500.125	Precast Concrete Box Culverts, 1,500mm x 2,100mm	m	€2,237.00	€2,908.00
500.126	Precast Concrete Box Culverts, 1,000mm x 2,100mm	m	€1,994.00	€2,592.00
500.127	Precast Concrete Box Culverts, 1,500mm x 1,800mm	m	€2,157.00	€2,804.00
500.128	Precast Concrete Box Culverts, 1,000mm x 1,500mm	m	€1,790.00	€2,327.00
500.129	Precast Concrete Box Culverts, 600mm x 1,500mm	m	€1,545.00	€2,009.00

Pipe Culverts				
500.130	Piped Culverts, 1.9m internal diameters, depth to invert not exceeding 2m average depth 1m	m	€600.00	€1,000.00
500.131	Piped Culverts, 1.5m internal diameters, depth to invert not exceeding 2m average depth 1m	m	€450.00	€550.00
500.132	Piped Culverts, 1.2m internal diameters, depth to invert not exceeding 2m average depth 1m	m	€250.00	€450.00
500.133	Piped Culverts, 0.9m internal diameters, depth to invert not exceeding 2m average depth 1m	m	€280.00	€420.00
Headwall and Outfall Works				
500.134	Headwall and Outfall Works			
500.135	Headwall, Pipe exceeding 100mm but not exceeding 300mm internal diameter, max headwall height 2.3m as RCD/500/19 & 24	no	€750.00	€1,500.00
500.136	Headwall, Pipe exceeding 300mm but not exceeding 600mm internal diameter as RCD/500/20	no	€1,750.00	€2,600.00
500.137	Headwall, Pipe exceeding 600mm not exceeding 900mm internal diameter as RCD/500/20	no	€2,000.00	€3,000.00
Soft Spots and Other Voids				
500.138	Excavation of soft spots and other voids	m3	€15.00	€25.00
500.139	Filling of soft spots and other voids with acceptable material	m3	€20.00	€30.00
500.140	Filling of soft spots and other voids with in-situ concrete mix ST2	m3	€85.00	€130.00
Excavation of Hard Material				
500.141	Extra over excavation in hard material for drainage and services	m3	€15.00	€50.00
500.142	Extra over excavation in hard material in intercepting ditches	m3	€15.00	€50.00
Marker Tape				
500.143	Marker Tape	m	€0.20	€1.00

Roadworks

Main Carriageway

CC-RMP-00700 Pavements

			2019 Lower	2019 Upper
Sub-Base				
700.1	Sub-base, Granular Type B to Clause 804, 150mm thick in carriageway, hardshoulder and hardstrip	m3	€20.00	€30.00
700.2	Sub-base, Granular Type B to Clause 804, 150mm thick in sub base in emergency crossing	m3	€20.00	€30.00

Pavement				
Road Base				
700.3	Pavement, Base, Close Graded Bitumen, 40mm thick in roadway	m2	€5.50	€9.00
700.4	Pavement, Base, AC 32 Dense base 40/60 recipe mix; 100mm thick in carriageway, hardshoulder and hardstrip	m2	€13.50	€22.00
700.5	Pavement, Base, AC 32 Dense base 70/100 recipe mix; 100mm thick in carriageway, hardshoulder and hardstrip	m2	€14.00	€22.00
700.6	Pavement, Base, AC 32 Dense base 70/100 recipe mix; 130mm thick in carriageway, hardshoulder and hardstrip	m2	€18.00	€30.00
700.7	Pavement, Base, AC 32 Dense base 70/100 recipe mix; 200mm thick in carriageway, hardshoulder and hardstrip	m2	€28.00	€42.00
Binder Course				
700.8	Pavement, Binder Course, AC 20 Dense bin 40/60 recipe mix; 55mm thick in carriageway, hardshoulder and hardstrip	m2	€7.50	€14.00
700.9	Pavement, Binder Course, AC 20 Dense bin 40/60 recipe mix; 80mm thick in carriageway, hardshoulder and hardstrip	m2	€11.00	€19.00
700.10	Pavement, Binder Course, AC 20 Dense bin 70/100 recipe; 80mm thick in carriageway, hardshoulder and hardstrip	m2	€11.00	€19.00
700.11	Pavement, Binder Course, AC 20 Dense bin 70/100 recipe; 110mm thick in carriageway, hardshoulder and hardstrip	m2	€15.00	€26.00
Surface Course				
700.12	Pavement, Surface Course, HRA 30/14 F surf 40/60; 45mm thick in carriageway, hardshoulder and hardstrip	m2	€9.00	€17.00
700.13	Pavement, Surface Course, SMA; 40mm thick in carriageway, hardshoulder and hard strip	m2	€8.50	€15.00
Surface Treatment				
700.14	Single Surface Dressing to (AT Guidelines for Surface Dressing in Ireland (2nd Edition) in Carriageway, hardshoulder and hardstrip (Chippings: 14/20mm followed by 6/10mm, min PSV 60, AAV10 LA25, Binder: Premium Polymor Grade)	m2	€3.00	€6.50
700.15	Double Surface Dressing to (AT Guidelines for Surface Dressing in Ireland (2nd Edition) in Carriageway, hardshoulder and hardstrip (Chippings: 14/20mm followed by 6/10mm, min PSV 60, AAV10 LA25, Binder: Premium Polymor Grade)	m2	€4.50	€8.00
Regulating				
700.16	Regulating in accordance with Clause 907	t	€75.00	€100.00
700.17	Tack Coat; to comply with B.S. 594987 in accordance with Clause 920	m2	€0.50	€1.00

700.18	Anti - skid surfacing	m2	€25.00	€35.00
Cold-Milling (Planing)				
700.19	Milling pavement not exceeding 50mm deep (including disposal/re-use of arisings)	m2	€1.50	€5.00
700.20	Milling pavement not exceeding 75mm deep (including disposal/re-use of arisings)	m2	€2.00	€6.00
700.21	Milling pavement not exceeding 100mm deep (including disposal/re-use of arisings)	m2	€3.00	€7.00

Roadworks

Main Carriageway

CC-RMP-01100 Kerbs, Footways and Paved Areas

			2019 Lower	2019 Upper
Kerbs, Channels , Edgings and Combined Drainage and Kerb Blocks and Linear Drainage Channel Systems				
1100.1	Precast Flat Kerb 200mm x 500mm, curved not exceeding 12m radius	m	€17.00	€26.00
1100.2	Precast Concrete Kerb Type A; straight or curved exceeding 12m radius in accordance with RCD/1100/1	m	€18.00	€28.00
1100.3	Precast Concrete Kerb Type B; straight or curved exceeding 12m radius in accordance with RCD/1100/1	m	€20.00	€30.00
1100.4	Precast Concrete Kerb Type C; straight or curved exceeding 12m radius in accordance with RCD/1100/1	m	€20.00	€30.00
1100.5	Precast Concrete Kerb Type D; straight or curved exceeding 12m radius in accordance with RCD/1100/1	m	€20.00	€30.00
1100.6	In-Situ Concrete Kerb Grade C40; unreinforced kerb 75mm upstand; straight or curved exceeding 12m radius, in accordance with RCD/1100/2	m	€16.00	€24.00
1100.7	In-Situ Concrete Kerb Grade C40; unreinforced kerb 125mm upstand; straight or curved exceeding 12m radius, in accordance with RCD/1100/2	m	€18.00	€27.00
1100.8	In-Situ Concrete Drop Kerb Grade C40; unreinforced kerb 6 mm upstand; straight or curved exceeding 12m radius, in accordance with RCD/1100/2	m	€18.00	€27.00
1100.9	In-Situ Concrete Drop Kerb Grade C40; unreinforced kerb 25 mm upstand; straight or curved exceeding 12m radius, in accordance with RCD/1100/2	m	€18.00	€28.00
1100.10	305mm radius half batter quadrant kerb (traffic islands)	no	€24.00	€42.00
1100.11	Unreinforced channel, 1.2m wide	m	€26.00	€58.00

Additional Concrete for Kerbs, Channels, Edgings, Combined Drainage and Kerb Blocks and Linear Drainage Channel Systems				
1100.12	Additional In-Situ Concrete to Kerbs	m3	€82.00	€125.00
Footways and Paved Areas				
1100.13	Footways, Concrete, 100mm thick to clause 1106 on 100mm subbase to clause in accordance with RCD/1100/5	m2	€23.00	€35.00
1100.14	Paved Area, Block on roundabout island, 80mm thick, Cobblelock, Surfaces sloping at 10 degrees or less to the horizontal in accordance with RCD/1100/6&8	m2	€40.00	€65.00
1100.15	Paved Area, Block on roundabout island, 80mm thick, Cobblelock, Surfaces sloping at more than 10 degrees to the horizontal in accordance with RCD/1100/6&8	m2	€50.00	€80.00
1100.16	Combined Cycle / Footway Surfaces sloping at 10 degrees or less to the horizontal	m2	€30.00	€45.00
1100.17	Flexible surfacing, 50mm thick, surface sloping 10 degrees or less to the horizontal	m2	€10.00	€20.00
1100.18	Green coloured flexible surfacing, 50mm thick, surface sloping 10 degrees or less to the horizontal	m2	€35.00	€65.00
1100.19	Granular sub-base material Type B	m3	€25.00	€35.00
1100.20	50mm x 75mm Tanalised permanent timber edge support	m	€8.00	€18.00
1100.21	Paved Area, Grassblock, surface sloping 10 degrees or less to the horizontal	m2	€25.00	€65.00
1100.22	Cycleway 25mm closegraded macadam wearing course on 50mm DBM basecourse on 150mm subbase, sloped at 10 degrees or less to the horizontal	m2	€25.00	€42.00
Tactile Paving				
1100.23	Tactile paving to pedestrian crossing	m2	€55.00	€85.00

Roadworks

Signs, Motorway Communications and Lighting CC-RMP-01200 Traffic Signs and Road Markings

			2019 Lower	2019 Upper
Traffic Signs				
1200.1	Permanent traffic signs, Retroreflective, TSM Fig 5.2, exceeding 0.25m2 but not exceeding 0.50m2 in area on one tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00

1200.2	Permanent traffic signs, Retroreflective, TSM Fig 5.2, exceeding 0.75m ² but not exceeding 1m ² in area on one tubular steel post or equal and approved Class ref 2	no	€259.00	€329.00
1200.3	Permanent traffic signs, Retroreflective, TSM Fig 5.3, exceeding 0.25m ² but not exceeding 0.50m ² in area on one tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00
1200.4	Permanent traffic signs, Retroreflective, TSM Fig 5.3, exceeding 0.75m ² but not exceeding 1m ² in area on one tubular steel post or equal and approved Class ref 2	no	€259.00	€329.00
1200.5	Permanent traffic signs, Retroreflective, TSM Fig 5.10, exceeding 0.25m ² but not exceeding 0.50m ² in area on one tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00
1200.6	Permanent traffic signs, Retroreflective, TSM Fig 5.10, exceeding 0.50m ² but not exceeding 0.75m ² in area on one tubular steel post or equal and approved Class ref 2	no	€242.00	€308.00
1200.7	Permanent traffic signs, Retroreflective, TSM Fig 5.10, exceeding 0.75m ² but not exceeding 1m ² in area on one tubular steel post or equal and approved Class ref 2	no	€259.00	€329.00
1200.8	Permanent traffic signs, Retroreflective, TSM Fig 5.18, exceeding 0.25m ² but not exceeding 0.50m ² in area on one tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00
1200.9	Permanent traffic signs, Retroreflective, TSM Fig 5.18, exceeding 0.50m ² but not exceeding 0.75m ² in area on one tubular steel post or equal and approved Class ref 2	no	€242.00	€308.00
1200.10	Permanent traffic signs, Retroreflective, TSM Fig 5.18, exceeding 0.75m ² but not exceeding 1m ² in area on one tubular steel post or equal and approved Class ref 2	no	€259.00	€329.00
1200.11	Permanent traffic signs, Retroreflective, TSM Fig 5.21, exceeding 0.25m ² but not exceeding 0.50m ² in area on one tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00
1200.12	Permanent traffic signs, Retroreflective, TSM Fig 5.21, exceeding 0.50m ² but not exceeding 0.75m ² in area on one tubular steel post or equal and approved Class ref 2	no	€242.00	€308.00
1200.13	Permanent traffic signs, Retroreflective, TSM Fig 5.21, exceeding 0.75m ² but not exceeding 1m ² in area on one tubular steel post or equal and approved Class ref 2	no	€259.00	€329.00
1200.14	Permanent traffic signs, Retroreflective, TSM Fig 6.30, exceeding 0.25m ² but not exceeding 0.50m ² in area on two tubular steel post or equal and approved Class ref 2	no	€231.00	€294.00
1200.15	Permanent traffic signs, Retroreflective, TSM Fig 6.30, exceeding 2m ² but not exceeding 3m ² in area on two tubular steel post or equal and approved Class ref 2	no	€1,155.00	€1,470.00
1200.16	Permanent traffic signs, Retroreflective, Non Lit exceeding 0.25m ² but not exceeding 0.50m ² in area, Post or Support, Class ref 2	no	€285.00	€363.00

1200.17	Permanent traffic signs, Retroreflective, Non Lit exceeding 0.50m2 but not exceeding 0.75m2 in area, Post or Support, Class ref 2	no	€360.00	€458.00
1200.18	Permanent traffic signs, Retroreflective, Non Lit exceeding 0.75m2 but not exceeding 1m2 in area, Post or Support, Class ref 2	no	€667.00	€849.00
1200.19	Permanent traffic signs, Retroreflective, Non Lit exceeding 0.75m2 but not exceeding 1m2 in area on existing post Class ref 2	no	€653.00	€831.00
1200.20	Permanent traffic signs, Retroreflective, Non Lit exceeding 1m2 but not exceeding 2m2 in area on one tubular post Class ref 2	no	€794.00	€1,010.00
1200.21	Permanent traffic signs, Retroreflective, Non Lit exceeding 1m2 but not exceeding 2m2 in area on two tubular post Class ref 2	no	€817.00	€1,039.00
1200.22	Permanent traffic signs, Retroreflective, Non Lit exceeding 2m2 but not exceeding 3m2 in area on existing post Class ref 2	no	€1,586.00	€2,019.00
1200.23	Permanent traffic signs, Retroreflective, Non Lit exceeding 2m2 but not exceeding 3m2 in area on one tubular post Class ref 2	no	€1,239.00	€1,577.00
1200.24	Permanent traffic signs, Retroreflective, Non Lit exceeding 2m2 but not exceeding 3m2 in area on two tubular post Class ref 2	no	€1,439.00	€1,831.00
1200.25	Permanent traffic signs, Retroreflective, Non Lit exceeding 3m2 but not exceeding 4m2 in area on two tubular post Class ref 2	no	€1,914.00	€2,436.00
1200.26	Permanent traffic signs, Retroreflective, Non Lit exceeding 4m2 but not exceeding 5m2 in area on two tubular post Class ref 2	no	€2,337.00	€2,974.00
1200.27	Permanent traffic signs, Retroreflective, Non Lit exceeding 5m2 but not exceeding 6m2 in area on two tubular post Class ref 2	no	€2,430.00	€3,093.00
1200.28	Permanent traffic signs, Retroreflective, Non Lit exceeding 5m2 but not exceeding 6m2 in area on three tubular post Class ref 2	no	€2,533.00	€3,224.00
1200.29	Permanent traffic signs, Retroreflective, Non Lit exceeding 6m2 but not exceeding 7m2 in area on two tubular post Class ref 2	no	€3,224.00	€4,103.00
1200.30	Permanent traffic signs, Retroreflective, Non Lit exceeding 6m2 but not exceeding 7m2 in area on three tubular post Class ref 2	no	€2,723.00	€3,466.00
1200.31	Permanent traffic signs, Retroreflective, Non Lit exceeding 7m2 but not exceeding 8m2 in area on two tubular post Class ref 2	no	€2,813.00	€3,580.00
1200.32	Permanent traffic signs, Retroreflective, Non Lit exceeding 7m2 but not exceeding 8m2 in area on three tubular post Class ref 2	no	€2,836.00	€3,610.00
1200.33	Permanent traffic signs, Retroreflective, Non Lit exceeding 7m2 but not exceeding 8m2 in area on four tubular post Class ref 2	no	€2,081.00	€2,648.00
1200.34	Permanent traffic signs, Retroreflective, Non Lit exceeding 8m2 but not exceeding 9m2 in area, Post or Support Class ref 2	no	€2,230.00	€2,838.00
1200.35	Permanent traffic signs, Retroreflective, Non Lit exceeding 9m2 but not exceeding 10m2 in area, Post or Support Class ref 2	no	€3,992.00	€4,992.00
1200.36	Permanent traffic signs, Retroreflective, Non Lit exceeding 10m2 but not exceeding 11m2 in area on three tubular post Class ref 2	no	€3,929.00	€5,000.00
1200.37	Permanent traffic signs, Retroreflective, Non Lit exceeding 10m2 but not exceeding 11m2 in area on four tubular post Class ref 2	no	€5,542.00	€7,053.00

1200.38	Permanent traffic signs, Retroreflective, Non Lit exceeding 11m2 but not exceeding 12m2 in area on three tubular post Class ref 2	no	€2,677.00	€3,407.00
1200.39	Permanent traffic signs, Retroreflective, Non Lit exceeding 12m2 but not exceeding 13m2 in area, Post or Support Class ref 2	no	€2,827.00	€3,599.00
1200.40	Permanent traffic signs, Retroreflective, Non Lit exceeding 13m2 but not exceeding 14m2 in area, Post or Support Class ref 2	no	€5,947.00	€7,568.00
1200.41	Permanent traffic signs, Retroreflective, Non Lit exceeding 13m2 but not exceeding 14m2 in area on three tubular post Class ref 2	no	€4,083.00	€5,197.00
1200.42	Permanent traffic signs, Retroreflective, Non Lit exceeding 14m2 but not exceeding 15m2 in area, Post or Support Class ref 2	no	€6,794.00	€8,647.00
1200.43	Permanent traffic signs, Retroreflective, Non Lit exceeding 14m2 but not exceeding 15m2 in area on two tubular post Class ref 2	no	€6,026.00	€7,670.00
1200.44	Permanent traffic signs, Retroreflective, Non Lit exceeding 14m2 but not exceeding 15m2 in area on three tubular post Class ref 2	no	€7,428.00	€9,454.00
1200.45	Permanent traffic signs, Retroreflective, Non Lit exceeding 15m2 but not exceeding 16m2 in area on four tubular post Class ref 2	no	€7,649.00	€9,735.00
Road Markings				
1200.46	Removal of road markings, solid areas, thermoplastic screed	m2	€36.00	€60.00
1200.47	Removal of road markings, continuous line, thermoplastic screed, 100mm wide	m	€3.50	€6.00
1200.48	Removal of road markings, Intermittent line 100mm wide, 2m gap on 2m line	m	€3.50	€6.00
1200.49	Removal of road markings, continuous line, thermoplastic screed, 150mm wide	m	€5.50	€9.00
1200.50	Removal of road markings, Intermittent line 150mm wide, 2m gap on 2m line	m	€5.50	€9.00
1200.51	Removal of road markings, Arrows 3,600mm long	no	€45.00	€75.00
1200.52	Removal of road markings, Arrows 5,000mm long	no	€63.00	€105.00
1200.53	Removal of road markings, letters and numerals 350mm long	no	€9.00	€17.00
1200.54	Removal of road markings, letters and numerals 700mm long	no	€13.00	€21.00
1200.55	Removal of road markings, letters and numerals 1200mm long	no	€14.00	€27.00
1200.56	Removal of road markings, Symbols 750mm long	no	€36.00	€60.00
1200.57	Removal of road markings, Symbols 1200mm long	no	€54.00	€90.00
1200.58	Removal of road markings, Symbols 2500mm long	no	€72.00	€80.00
1200.59	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 100mm wide, White	m	€1.30	€3.10
1200.60	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 100mm wide, Yellow	m	€1.30	€3.10
1200.61	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 150mm wide, White	m	€1.90	€3.10

1200.62	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 150mm wide, Yellow	m	€1.90	€3.10
1200.63	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 200mm wide, White	m	€3.10	€5.20
1200.64	Road markings, continuous lines, thermoplastic screed with applied solid glass bead, 200mm wide, Yellow	m	€3.10	€5.20
1200.65	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 100mm wide, 1000mm line and 1000mm gap, White	m	€1.30	€3.10
1200.66	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 100mm wide, 2000mm line and 1000mm gap, White	m	€1.30	€5.20
1200.67	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 150mm wide, 1000mm line and 1000mm gap, White	m	€1.90	€5.20
1200.68	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 150mm wide, 2000mm line and 1000mm gap, White	m	€1.90	€5.20
1200.69	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 200mm wide, 1000mm line and 1000mm gap, White	m	€3.10	€5.20
1200.70	Road markings, Intermittent lines, thermoplastic screed with applied solid glass bead 200mm wide, 2000mm line and 1000mm gap, White	m	€3.10	€5.20
1200.71	Road marking, Raised profile edge lines, thermoplastic screed with applied solid glass bead, 150mm wide, White	m	€3.50	€6.20
1200.71	Road Markings, Ancillary line, 50mm wide, Raised ribs in Hatched Areas, White	m	€2.70	€4.00
1200.72	Road Markings, Ancillary line, 50mm wide, Raised ribs in Hatched Areas, Yellow	m	€2.70	€4.00
1200.73	Road Markings, Ancillary line, 150mm wide, Hatched Areas, White	m	€1.80	€3.10
1200.74	Road Markings, Ancillary line, 200mm wide, Hatched Areas, White	m	€3.00	€3.10
1200.75	Road Markings, Ancillary line, 200mm wide, Hatched Areas, Yellow	m	€3.00	€5.20
1200.76	Road Markings, Ancillary line, 200mm wide, Rumble Strips, White	m	€5.50	€7.80
1200.77	Road Markings, Ancillary line, Chevrons, White	m	€15.00	€24.00
1200.78	Road Markings, Triangles, 1875mm in size, Yield	no	€31.00	€47.00
1200.79	Road Markings, Triangles, 3750mm in size, Yield	no	€56.00	€89.00
1200.80	Road Markings, Circles, 2800mm in size, "No entry" Circle	no	€194.00	€296.00
1200.81	Road Markings, Circles, 3750mm in size, "No entry" Circle	no	€279.00	€426.00
1200.82	Road Markings, Circles, 2800mm in size, "Stop" Circle	no	€194.00	€296.00
1200.83	Road Markings, Arrows, 8000mm in size, Bifurcation arrow	no	€141.00	€216.00
1200.84	Road Markings, Arrows, 16000mm in size, Bifurcation arrow	no	€289.00	€442.00
1200.85	Road Markings, Arrows, 3600mm in size, Land indication arrow	no	€56.00	€89.00

1200.86	Road Markings, Arrows, 5000mm in size, Land indication arrow	no	€57.00	€87.00
1200.87	Road Markings, Arrows, 3600mm in size, Turning right arrow	no	€56.00	€86.00
1200.88	Road Markings, Symbol, 25000mm x 10000mm in size, Box Junction, Yellow	no	€1,700.00	€2,600.00
1200.89	Road Markings, Symbol, 4000mm x 8000mm in size, Box Junction, Yellow	no	€218.00	€333.00
1200.90	Hatched areas	m2	€6.80	€10.50
1200.91	Road Markings, Symbol, 1200mm in size, Cycle mark	no	€56.00	€86.00
1200.92	Circles 30mm diameter to Fig 7.15 of the TSM	no	€3.00	€4.50
1200.93	Circles 26mm diameter to Fig 7.15 of the TSM	no	€3.00	€4.50
1200.94	Letters 2.80m High	no	€34.00	€52.00
1200.95	One-way cycle symbol as outlined in 7.9.41 of TSM	no	€56.00	€86.00
1200.96	Two-way cycle symbol as outlined in 7.9.41 of TSM	no	€82.00	€125.00
1200.97	One-way cycle symbol with life turn arrow as outlined in 7.9.41 of TSM	no	€124.00	€190.00
1200.98	Temporary White Lining	m	€1.10	€1.80
Retroreflecting Road Studs				
1200.99	Retroreflecting road studs, 240mm x140mm, Rectangular uni-directional Type 1 long cats eyes with Yellow Reflectors	no	€14.50	€22.50
1200.100	Retroreflecting road studs, 240mm x140mm, Rectangular uni-directional Type 1 long cats eyes with White Reflectors	no	€14.50	€22.50
1200.101	Retroreflecting road studs, 240mm x140mm, Rectangular uni-directional Type 1 long cats eyes with Green Reflectors	no	€14.50	€22.50
1200.102	Retroreflecting road studs, 240mm x140mm, Rectangular bi-directional Type 1 long cats eyes with Colour Reflectors	no	€14.50	€22.50
Retroreflecting Markers				
1200.103	Retroreflective markers, Uni-directional with white reflectors	no	€13.00	€21.00
1200.104	Retroreflective markers, Uni-directional with white reflectors mounted on safety barriers	no	€13.00	€21.00
1200.105	Retroreflective markers, Uni-directional with green reflectors mounted on safety barriers	no	€13.00	€21.00
1200.106	Retroreflective marker, Junction Marker posts 1000m High	no	€224.00	€364.00
Permanent Bollards				
1200.107	Junction Definition posts non-illuminated green / white 1m High	no	€272.00	€442.00

Roadworks

Signs, Motorway Communications and Lighting

CC-RMP-01300 Road Lighting Columns and Brackets

			2019 Lower	2019 Lower
Road Lighting Columns, Brackets and Wall Mountings				
1300.1	Galvanised steel Road lighting columns and brackets, 4m nominal height, single bracket arm 0.5m projection, 70w cut off lantern and photo cell switch	no	€711.00	€1,144.00
1300.2	Galvanised steel Road lighting columns and brackets, 4m nominal height, double bracket arm 0.5m projection, 70w cut off lantern and photo cell switch	no	€1,058.00	€1,568.00
1300.3	Galvanised steel Road lighting columns and brackets, 8m nominal height, bracket arm 1m projection, 150w cut off lantern and photo cell switch	no	€950.00	€1,491.00
1300.4	Galvanised steel Road lighting columns and brackets, 8m nominal height, bracket arm 2m projection, 150w cut off lantern and photo cell switch	no	€990.00	€1,540.00
1300.5	Galvanised steel Road lighting columns and brackets, 10m nominal height, bracket arm 1m projection, 150w cut off lantern and photo cell switch	no	€1,202.00	€1,799.00
1300.6	Galvanised steel Road lighting columns and brackets, 10m nominal height, bracket arm 2m projection, 150w cut off lantern and photo cell switch	no	€1,251.00	€1,859.00
1300.7	Galvanised steel Road lighting columns and brackets, 10m nominal height, bracket arm 2m projection, 400w cut off lantern and photo cell switch	no	€1,395.00	€2,145.00
1300.8	Galvanised steel Road lighting columns and brackets, 10m nominal height, bracket arm 2.5m projection, 250w cut off lantern and photo cell switch	no	€1,305.00	€1,980.00
1300.9	Galvanised steel Road lighting columns and brackets, 12m nominal height, single bracket arm 2m projection, 250w cut off lantern and photo cell switch	no	€1,620.00	€2,365.00
1300.10	Galvanised steel Road lighting columns and brackets, 12m nominal height, double bracket arm 2m projection, 250w cut off lantern and photo cell switch	no	€2,025.00	€3,245.00
1300.11	Galvanised steel Road lighting columns and brackets, 12m nominal height, bracket arm 2.5m projection, 250w cut off lantern and photo cell switch	no	€1,642.50	€2,392.50
1300.12	Galvanised steel Road lighting columns and brackets, 14m nominal height, bracket arm 2.5m projection, 400w cut off lantern and photo cell switch	no	€2,174.00	€3,042.00

1300.13	Galvanised steel Road lighting columns and brackets, 20m nominal height, high mast twenty sided continuously tapered, 4 no 400w lamps	no	€12,480.00	€18,720.00
1300.14	Galvanised steel Road lighting columns and brackets, 20m nominal height, high mast twenty sided continuously tapered, 6 no 400w lamps	no	€12,960.00	€19,440.00
1300.15	Galvanised steel Road lighting columns and brackets, 30m nominal height, high mast twenty sided continuously tapered, 6 no 400w lamps	no	€17,760.00	€26,640.00
1300.16	Galvanised steel Road lighting columns and brackets, 30m nominal height, high mast twenty sided continuously tapered, 8 no 400w lamps	no	€18,240.00	€27,360.00
1300.17	Galvanised steel Road lighting columns and brackets, 30m nominal height, high mast twenty sided continuously tapered, 10 no 400w lamps	no	€20,160.00	€30,240.00

Roadworks

Signs, Motorway Communications and Lighting

CC-RMP-01400 Electrical Work for Road Lighting and Traffic Signs

			2019 Lower	2019 Upper
	Locating Buried Road Lighting and Traffic Signs Cables			
1400.1	Locating buried road lighting and traffic sign cable in carriageways, footways, bridge decks and paved areas	m	€1.00	€2.00
1400.2	Locating buried road lighting and traffic sign cable in verges, embankments and cuttings	m	€1.00	€2.00
1400.3	Locating buried road lighting and traffic sign cable in central reserves	m	€1.00	€2.00
	Cabling			
1400.4	Trench for cables, depth not exceeding 1.5m, 900mm wide, in carriageways, footways and bridge decks and paved areas	m	€10.00	€18.00
1400.5	Trench for cables, depth exceeding 1.5m but not exceeding 2m, 900mm wide, in carriageways, footways and bridge decks and paved areas	m	€12.00	€23.00
1400.6	Cable, 2mm x 6mm cable, in carriageways, footways and bridge decks and paved areas	m	€4.00	€5.50
1400.7	Cable, 2mm x 10mm cable, in carriageways, footways and bridge decks and paved areas	m	€4.50	€7.00
1400.8	Cable, 2mm x 16mm cable, in carriageways, footways and bridge decks and paved areas	m	€6.00	€9.00

1400.9	Cable, 3mm x 2.5mm cable, in carriageways, footways and bridge decks and paved areas	m	€2.80	€5.00
1400.10	Cable, 4mm x 10mm cable, in carriageways, footways and bridge decks and paved areas	m	€6.50	€10.00
1400.11	Cable, 4mm x 16mm cable, in carriageways, footways and bridge decks and paved areas	m	€8.50	€13.00
Cable Joints and Cable Terminations				
1400.12	Cable termination, to road lighting columns, feeder pillars and subway lighting, 2mm x 6mm Cables	no	€18.00	€27.00
1400.13	Cable termination, to road lighting columns, feeder pillars and subway lighting, 2mm x 10mm Cables	no	€18.00	€27.00
1400.14	Cable termination, to road lighting columns, feeder pillars and subway lighting, 2mm x 16mm Cables	no	€20.00	€41.00
1400.15	Cable termination, to road lighting columns, feeder pillars and subway lighting, 3mm x 2.5mm Cables	no	€20.00	€41.00
1400.16	Cable termination, to road lighting columns, feeder pillars and subway lighting, 4mm x 10mm Cables	no	€25.00	€53.00
1400.17	Cable termination, to road lighting columns, feeder pillars and subway lighting, 4mm x 16mm Cables	no	€25.00	€53.00
Feeder Pillars				
1400.18	Galvanised steel feeder pillar including marine plywood baseboard and all internal electrical equipment, standard, Supplied by Transport Infrastructure Ireland	no	€500.00	€1,110.00
1400.19	Galvanised steel feeder pillar including marine plywood baseboard and all internal electrical equipment, Type KK1, Supplied by Transport Infrastructure Ireland	no	€550.00	€1,200.00
1400.20	Galvanised steel feeder pillar including marine plywood baseboard and all internal electrical equipment, Type KK2, Supplied by Transport Infrastructure Ireland	no	€550.00	€1,650.00
1400.21	Galvanised steel feeder pillar including marine plywood baseboard and all internal electrical equipment, Type KK3, Supplied by Transport Infrastructure Ireland	no	€550.00	€1,850.00
1400.22	Galvanised steel feeder pillar including marine plywood baseboard and all internal electrical equipment, Type KK4, Supplied by Transport Infrastructure Ireland	no	€550.00	€1,275.00
Earth Electrodes				
1400.23	Drive, terminate, and connect galvanised steel or copper earth electrodes, 1.2m long, 22mm diameter within feeder pillar base, or in separate enclosure	no	€45.00	€70.00

Structures

Substructure

CC-RMP-00600 Earthworks

			2019 Lower	2019 Upper
Bridge Foundations				
Excavation				
600.39	Excavation of Acceptable material Class 5A	m3	€2.00	€8.00
600.40	Excavation of Acceptable material excluding Class 5A in Structural foundations 0m to 3m in depth	m3	€2.00	€12.00
600.41	Excavation of Acceptable material excluding Class 5A in Structural foundations 0m to 6m in depth	m3	€3.00	€14.00
600.42	Excavation of Acceptable material excluding Class 5A in Structural foundations 0m to 9m in depth	m3	€4.00	€16.00
600.43	Excavation of unacceptable material Class U1 in structural foundations 0m to 6m in depth	m3	€3.00	€12.00
Extra Over Excavation for Excavation in Hard Material				
600.44	Extra over excavation for excavation of Hard Material in Structural foundations	m3	€15.00	€55.00
Deposition of Fill				
600.45	Deposition of Acceptable material in Fill above Structural concrete foundations	m3	€1.50	€2.20
600.46	Deposition of Acceptable material in Fill to Structures	m3	€1.50	€2.20
Disposal of Material				
600.47	Disposal of Acceptable material Class 5A	m3	€2.00	€10.00
600.48	Disposal of Acceptable material excluding Class 5A	m3	€5.00	€25.00
600.49	Disposal of Acceptable material excluding Class 5A (off site in urban areas)	m3	€10.00	€25.00
600.50	Disposal of Unacceptable material Class U1	m3	€4.00	€25.00
Imported Fill				
600.51	Imported acceptable material fill Class 6N in Fill above structural concrete foundations	m3	€15.00	€32.00
600.52	Imported acceptable material fill Class 6N in Fill to structures	m3	€15.00	€32.00
600.53	Imported acceptable material fill Class 6N in Reinforced earth structures	m3	€15.00	€32.00

600.54	Imported acceptable material fill Class 6J in Reinforced earth structures	m3	€18.00	€32.00
600.55	Imported acceptable material fill Class 6F2 in Fill on capping, sub-base material and roadbase	m3	€16.00	€32.00
600.56	Imported topsoil Class 5B	m3	€14.00	€20.00
600.57	Imported acceptable material Class 1C	m3	€12.00	€20.00
600.58	Imported acceptable material Class 6B	m3	€12.00	€20.00
Compaction of Fill				
600.59	Compaction of Acceptable material Class 6N in Fill above structural concrete foundations	m3	€1.00	€8.00
600.60	Compaction of Acceptable material in Fill to structures	m3	€1.00	€12.00
600.61	Compaction of Acceptable material in Fill on capping, sub-base material and roadbase	m3	€1.00	€14.00
600.62	Compaction of Acceptable material in Reinforced earth structures	m3	€2.00	€12.00
600.63	Compaction of Acceptable material Class 6N in Fill to structures	m3	€1.00	€12.00
600.64	Compaction of Acceptable material Class 1C	m3	€1.00	€4.00
600.65	Compaction of Acceptable material Class 6B	m3	€1.00	€4.00
Geotextiles				
600.66	Geotextile Terram 55 RE or equivalent	m2	€1.00	€1.85
600.67	Geotextile Terram 80 RE or equivalent	m2	€1.00	€3.00
600.68	Geotextile Terram 1000 or equivalent	m2	€1.00	€1.50
Soft Spots and Other Voids				
600.69	Excavation of soft spots and other voids Below structural foundations and foundations for corrugated steel buried structures	m3	€3.00	€25.00
600.7	Excavation of soft spots and other voids Below structural foundations	m3	€5.00	€25.00
600.71	Filling of soft spots and other voids Below structural foundations and foundations for corrugated steel buried structures with in situ concrete mix C30/20	m3	€60.00	€95.00
600.72	Filling of soft spots and other voids Below cuttings or under embankments with Class 6N	m3	€20.00	€35.00
600.73	Filling of soft spots and other voids Below structural foundations with Class 10/40 concrete	m3	€80.00	€95.00
Topsoiling and Storage of Topsoil				
600.74	Topsoiling 150mm Surfaces sloping at 10 degrees or less to the horizontal	m2	€0.70	€3.50

600.75	Topsoiling 250mm Surfaces sloping at 10 degrees or less to the horizontal	m2	€0.70	€3.50
600.76	Topsoiling 150mm Surfaces sloping at more than 10 degrees to the horizontal	m2	€1.00	€3.50
Grass Seeding and Turfing				
600.77	Grass seeding Surfaces sloping at 10 degrees or less to the horizontal	m2	€0.20	€2.00
600.78	Grass seeding Surfaces sloping at more than 10 degrees to the horizontal	m2	€0.30	€3.00
Completion of Formation and Sub-Formation				
600.79	Completion of formation on acceptable material	m2	€0.10	€1.00
600.80	Bedding Layer 300mm (Granular)	m3	€25.00	€30.00
600.81	Blinding (75mm deep)	m3	€58.00	€110.00
600.82	50mm Filler Board to Structure	m3	€21.00	€46.00

Structures

Substructure

CC-RMP-01700 Structural Concrete

			2019 Lower	2019 Upper
Bridge Substructure				
In Situ Concrete				
1700.1	In-situ concrete mix reference class 30/20	m3	€90.00	€130.00
1700.2	In-situ concrete mix reference class 50/20	m3	€110.00	€140.00
1700.3	In-situ structural concrete G S40/20 with min 50% cement replacement by GGBS	m3	€120.00	€150.00
1700.4	In-situ concrete class 40/20 in abutment base and walls and in wing walls	m3	€125.00	€150.00
1700.5	In-situ concrete class 40/20 to parapet core wall	m3	€125.00	€150.00
1700.6	Blinding concrete 75mm or less in thickness	m3	€65.00	€100.00
Surface Finish of Concrete - Formwork				
1700.7	Formwork, Horizontal more than 300mm wide Class F1	m2	€35.00	€75.00
1700.8	Formwork, Vertical more than 300mm wide Class F1	m2	€35.00	€60.00
1700.9	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F1	m2	€80.00	€190.00

1700.10	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F1	m2	€80.00	€190.00
1700.11	Formwork, Horizontal more than 300mm wide Class F2	m2	€40.00	€190.00
1700.12	Formwork, Vertical more than 300mm wide Class F2	m2	€45.00	€190.00
1700.13	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F2	m2	€55.00	€190.00
1700.14	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F2	m2	€65.00	€190.00
1700.15	Formwork, Horizontal more than 300mm wide Class F3	m2	€80.00	€120.00
1700.16	Formwork, Vertical more than 300mm wide Class F3	m2	€80.00	€120.00
1700.17	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F3	m2	€60.00	€200.00
1700.18	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F3	m2	€70.00	€200.00
1700.19	Formwork, Horizontal more than 300mm wide Class F4	m2	€35.00	€140.00
1700.20	Formwork, Vertical more than 300mm wide Class F4	m2	€60.00	€140.00
1700.21	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F4	m2	€65.00	€200.00
1700.22	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F4	m2	€75.00	€200.00
Surface Finish of Concrete - Patterned Profile Formwork				
1700.23	Patterned profile formwork, Vertical, Class F9	m2	€115.00	€165.00
1700.24	Patterned profile formwork, Vertical, Controlled permeability liners	m2	€10.00	€15.00
1700.25	Patterned profile formwork, Inclined, Controlled permeability liners	m2	€10.00	€15.00
Steel Reinforcement for Structures				
1700.26	Bar reinforcement, Nominal size 16mm and under, Type 2 steel bar, Bars not exceeding 12m in length, High yield deformed bar	t	€1,100.00	€1,350.00
1700.27	Bar reinforcement, Nominal size 20mm and over, Type 2 steel bar, Bars not exceeding 12m in length, High yield deformed bar	t	€1,100.00	€1,350.00
1700.28	Bar reinforcement, Nominal size 20mm and over, Type 2, Bars not exceeding 12m in length, Mild steel	t	€1,100.00	€1,350.00
1700.29	Bar reinforcement, Nominal size 16mm and under, Type 2, Bars not exceeding 12m in length, Stainless steel deformed bars	t	€3,200.00	€4,000.00
1700.30	Bar reinforcement, Nominal size 20mm and over, Type 2, Bars not exceeding 12m in length, Ribbed stainless steel deformed bars	t	€3,200.00	€4,000.00
1700.31	Fabric reinforcement, Mesh type A142	m2	€6.00	€9.00

1700.32	Fabric reinforcement, Mesh type A252	m2	€6.00	€11.00
1700.33	Fabric reinforcement, Mesh type A393	m2	€7.00	€12.00
1700.34	Reinforced (Reco) Retaining Wall Structure (steel reinforced straps)	m2	€185.00	€240.00
1700.35	Reinforced (Reco) Retaining Wall Structure (synthetic reinforced straps)	m2	€180.00	€233.00
1700.36	Precast Reco concrete coping	m	€113.00	€147.00

Structures

Substructure

CC-RMP-02300 Bridge Expansion Joints and Sealing of Gaps

			2019 Lower	2019 Upper
	Bridge Expansion Joints and Sealing of Gaps			
2300.1	Joint filler, Compressible joint filler board, 40mm thick	m2	€40.00	€60.00
2300.2	Joint filler, Compressible joint filler board, 20mm thick	m2	€22.00	€28.00
2300.3	Joint filler, Compressible joint filler board, 10mm thick	m2	€9.00	€25.00
2300.4	Joint sealant, Type F, Polysulphide, 20mm x20mm	m	€14.00	€22.00
2300.5	Joint sealant, Type F, Polysulphide, 10mm x20mm	m	€8.00	€18.00

Structures

Superstructure

CC-RMP-00500 Drainage and Service Ducts

			2019 Lower	2019 Upper
500.144	150mm Perforated Drainage Pipe (Granular fill surround to top of pipe and concrete base)	m	€30.00	€45.00

Structures

Superstructure

CC-RMP-01700 Structural Concrete

			2019 Lower	2019 Upper
	Bridge Superstructure			
	In Situ Concrete			
1700.37	In-Situ Concrete to Superstructure (General), design mix, Blinding concrete 75mm or less in thickness	m3	€110.00	€140.00
1700.38	In-Situ Concrete to Superstructure (Top Deck Slab), design mix, Blinding concrete 75mm or less in thickness	m3	€110.00	€140.00

1700.39	In-Situ Concrete to Superstructure (Parapet Beam), design mix, Blinding concrete 75mm or less in thickness	m3	€115.00	€140.00
1700.40	In-Situ concrete mix reference Class 50/20, Blinding concrete 75mm or less in thickness	m3	€115.00	€145.00
1700.41	In-Situ concrete mix non-shrink high flow concrete to stressing anchorage recesses, Blinding concrete 75mm or less in thickness	m3	€180.00	€220.00
1700.42	In-Situ structural concrete G S40/20 with min 50% cement replacement by GGBS, Blinding concrete 75mm or less in thickness	m3	€115.00	€150.00
1700.43	In-Situ concrete G30/20 with min 50% cement replacement by GGBS, Blinding concrete 75mm or less in thickness	m3	€115.00	€140.00
1700.44	In-Situ concrete G20/20, Blinding concrete 75mm or less in thickness	m3	€95.00	€130.00
<i>Note: Rates for PC Beams include delivery to site and placement only - rates do not include for traffic management</i>				
Precast Concrete (Rates Expressed as meter run)				
1700.45	Precast Member, Precast Pretensioned Prestressed Beams, Inverted Y1 Beam, 700mm deep, Typical span length 15m	m	€407.00	€651.00
1700.46	Precast Member, Precast Pretensioned Prestressed Beams, Inverted Y2 Beam, 800mm deep, Typical span length 15m	m	€448.00	€671.00
1700.47	Precast Member, Precast Pretensioned Prestressed Beams, Inverted Y3 Beam, 900mm deep, Typical span length 15m	m	€492.00	€737.00
1700.48	Precast Member, Precast Pretensioned Prestressed Beams, Inverted Y4 Beam, 1000mm deep, Typical span length 15m	m	€539.00	€809.00
1700.49	Precast Member, Precast Pretensioned Prestressed Beams, Inverted Y5 Beam, 1100mm deep, Typical span length 15m	m	€591.00	€887.00
1700.50	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TYE4 Beam, 550mm deep, Typical span length 15m	m	€413.00	€620.00
1700.51	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TYE5 Beam, 600mm deep, Typical span length 15m	m	€447.00	€670.00
1700.52	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TYE6 Beam, 650mm deep, Typical span length 15m	m	€481.00	€722.00
1700.53	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY4 Beam, 550mm deep, Typical span length 15m	m	€293.00	€439.00
1700.54	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY5 Beam, 600mm deep, Typical span length 15m	m	€312.00	€467.00
1700.55	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY6 Beam, 650mm deep, Typical span length 15m	m	€332.00	€498.00
1700.56	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY7 Beam, 700mm deep, Typical span length 16m	m	€353.00	€530.00

1700.57	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY8 Beam, 750mm deep, Typical span length 17m	m	€375.00	€563.00
1700.58	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY9 Beam, 800mm deep, Typical span length 18m	m	€400.00	€600.00
1700.59	Precast Member, Precast Pretensioned Prestressed Beams, Inverted TY10 Beam, 850mm deep, Typical span length 19m	m	€425.00	€637.00
1700.60	Precast Member, Precast Pretensioned Prestressed Beams, U3 Beam, 900mm deep, Typical span length 20m	m	€737.00	€830.00
1700.61	Precast Member, Precast Pretensioned Prestressed Beams, U5 Beam, 1000mm deep, Typical span length 22m	m	€779.00	€1,168.00
1700.62	Precast Member, Precast Pretensioned Prestressed Beams, U7 Beam, 1100mm deep, Typical span length 24m	m	€819.00	€1,229.00
1700.63	Precast Member, Precast Pretensioned Prestressed Beams, U8 Beam, 1200mm deep, Typical span length 26m	m	€861.00	€1,291.00
1700.64	Precast Member, Precast Pretensioned Prestressed Beams, U9 Beam, 1300mm deep, Typical span length 28m	m	€902.00	€1,352.00
1700.65	Precast Member, Precast Pretensioned Prestressed Beams, U10 Beam, 1400mm deep, Typical span length 32m	m	€942.00	€1,413.00
1700.66	Precast Member, Precast Pretensioned Prestressed Beams, U11 Beam, 1500mm deep, Typical span length 32m	m	€984.00	€1,475.00
1700.67	Precast Member, Precast Pretensioned Prestressed Beams, U12 Beam, 1600mm deep, Typical span length 34m	m	€1,024.00	€1,537.00
1700.68	Glass Reinforced Concrete (GRC) panels 40mm thick	m ²	€40.00	€60.00
1700.69	Omnia Slab 40mm thick	m ²	€40.00	€60.00
1700.70	Precast members, Edge beam to cross-sectional dimensions	no	€2,835.00	€3,100.00
1700.71	Precast capping units	m	€115.00	€138.00
Surface Finish of Concrete - Formwork				
1700.72	Formwork, Horizontal more than 300mm wide Class F1	m ²	€40.00	€75.00
1700.73	Formwork, Vertical more than 300mm wide Class F1	m ²	€40.00	€60.00
1700.74	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F1	m ²	€50.00	€160.00
1700.75	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F1	m ²	€60.00	€160.00
1700.76	Formwork, Horizontal more than 300mm wide Class F2	m ²	€40.00	€130.00
1700.77	Formwork, Vertical more than 300mm wide Class F2	m ²	€45.00	€120.00
1700.78	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F2	m ²	€55.00	€160.00
1700.79	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F2	m ²	€70.00	€160.00
1700.80	Formwork, Horizontal more than 300mm wide Class F3	m ²	€40.00	€160.00
1700.81	Formwork, Vertical more than 300mm wide Class F3	m ²	€60.00	€160.00

1700.82	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F3	m2	€60.00	€175.00
1700.83	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F3	m2	€75.00	€175.00
1700.84	Formwork, Horizontal more than 300mm wide Class F4	m2	€45.00	€175.00
1700.85	Formwork, Vertical more than 300mm wide Class F4	m2	€60.00	€140.00
1700.86	Formwork, Curved of both girth and width more than 300mm or less at any inclination, Class F4	m2	€105.00	€180.00
1700.87	Formwork, Curved of both girth and width more than 300mm at any inclination, Class F4	m2	€110.00	€180.00
1700.88	Void formers, Circular, 600mm diameter	m	€50.00	€100.00
1700.89	Void formers, Rectangular with varying depth from 550mm to 2400mm	m	€50.00	€125.00
Steel Reinforcement for Structures				
1700.90	Bar reinforcement, Nominal size 16mm and under, Type 2 steel bar, Bars not exceeding 12m in length, High yield deformed bar	t	€1,100.00	€1,350.00
1700.91	Bar reinforcement, Nominal size 20mm and over, Type 2 steel bar, Bars not exceeding 12m in length, High yield deformed bar	t	€1,100.00	€1,350.00
1700.92	Bar reinforcement, Nominal size 20mm and over, Type 2, Bars not exceeding 12m in length, Mild steel	t	€1,100.00	€1,350.00
1700.93	Bar reinforcement, Nominal size 16mm and under, Type 2, Bars not exceeding 12m in length, Stainless steel deformed bars	t	€3,200.00	€4,000.00
1700.94	Bar reinforcement, Nominal size 20mm and over, Type 2, Bars not exceeding 12m in length, Ribbed stainless steel deformed bars	t	€3,200.00	€4,000.00
In Situ Post-Tensioning Prestressing for Structures				
1700.95	Tendons, Tendons for in situ concrete construction, VSL multi strand 28/15 superstrand, 98m long	no	€7,100.00	€8,800.00
1700.96	Tendons, Tendons for in situ concrete construction, VSL multi strand 28/15 superstrand, 97m long	no	€7,100.00	€8,800.00
1700.97	Tendons, Tendons for in situ concrete construction, VSL multi strand 28/15 superstrand, 96m long	no	€7,100.00	€8,800.00
1700.98	Tendons, Tendons for in situ concrete construction, VSL multi strand 28/15 superstrand, 95m long	no	€7,100.00	€8,800.00
1700.99	Stressing and grouting internal tendons, Tendons for in situ concrete construction, VSL multi-strand 28/15 superstrand, 98m long	no	€1,500.00	€1,850.00
1700.100	Stressing and grouting internal tendons, Tendons for in situ concrete construction, VSL multi-strand 28/15 superstrand, 97m long	no	€1,500.00	€1,850.00
1700.101	Stressing and grouting internal tendons, Tendons for in situ concrete construction, VSL multi-strand 28/15 superstrand, 96m long	no	€1,500.00	€1,850.00

1700.102	Stressing and grouting internal tendons, Tendons for in situ concrete construction, VSL multi-strand 28/15 superstrand, 95m long	no	€1,500.00	€1,850.00
1700.103	Grouting Trial	no	€7,800.00	€9,550.00

Structures

Superstructure

CC-RMP-02100 Bridge Bearings

			2019 Lower	2019 Upper
	Bridge Bearings			
2100.1	Tetron Disc D3T1250 fixed bearing or equivalent	no	€1,900.00	€2,572.00
2100.2	Tetron Disc D3F100 guided bearing or equivalent	no	€750.00	€1,000.00
2100.3	Tetron Disc D3E100 free bearing or equivalent	no	€380.00	€500.00
2100.4	Tetron Disc D3E650 free bearing or equivalent	no	€2,400.00	€3,000.00
2100.5	Installation of Tetron Disc D3T1250 fixed bearing or equivalent	no	€295.00	€400.00
2100.6	Installation of Tetron Disc D3F100 guided bearing or equivalent	no	€295.00	€400.00
2100.7	Installation of Tetron Disc D3E100 free bearing or equivalent	no	€295.00	€400.00
2100.8	Installation of Tetron Disc D3E650 free bearing or equivalent	no	€295.00	€400.00

Structures

Superstructure

CC-RMP-02300 Bridge Expansion Joints and Sealing of Gaps

			2019 Lower	2019 Upper
	Bridge Expansion Joints and Sealing of Gaps			
2300.6	Joint filler, Hydrocell filler board by Fosroc Expandite or similar, 25mm thick	m2	€42.00	€45.00
2300.7	Joint filler, Low friction "Slipstrip" membrane by Grace Construction Products or similar, Thickness 10mm	m2	€20.00	€25.00
2300.8	Joint filler, Compressible joint filler board, 10mm thick	m2	€14.00	€23.00
2300.9	Joint sealant, Type F, Polysulphide, 10mm x 20mm	m	€14.00	€20.00

Structures

Finishings

CC-RMP-00400 Safety Barriers and Pedestrian Guardrails

			2019 Lower	2019 Upper
	Pedestrian Parapets, Pedestrian Guardrails and Handrails			
400.35	Metal pedestrian parapet, 1m high on bridge, straight or curved exceeding 50m radius	m	€250.00	€350.00
400.36	Metal pedestrian parapet, 1.1m high on bridge, straight or curved exceeding 50m radius	m	€260.00	€400.00
400.37	Structural aluminium pedestrian parapet, 1.25 m high on bridge, straight or curved exceeding 50m radius	m	€300.00	€500.00

Structures

Finishings

CC-RMP-00700 Pavements

			2019 Lower	2019 Upper
	Bridge Finishes			
	Sub-base			
700.22	Type B Sub-base in carriageway, hardshoulder and hardstrip	m3	€22.00	€40.00
	Pavement			
700.23	Dense bitumen macadam with G40/60 penetration binder with 28m aggregate roadbase 140mm thick in carriageway, hardshoulder and hardstrip	m2	€22.00	€30.00
700.24	Heavy Duty Macadam roadbase to clause 930, 175mm thick in carriageway, hardshoulder and hardstrip	m2	€26.00	€36.00
700.25	Heavy Duty Macadam, roadbase to clause 930, 105mm thick in carriageway, hardshoulder and hardstrip	m2	€16.00	€24.00
700.26	Dense bitumen macadam with G40/60 penetration binder with 20m aggregate roadbase 55mm thick in carriageway, hardshoulder and hardstrip	m2	€9.00	€16.00
700.27	Heavy Duty Macadam, roadbase to clause 930, 55mm thick in carriageway, hardshoulder and hardstrip	m2	€9.00	€16.00
700.28	Hot rolled asphalt with 14mm aggregate wearing course 45mm thick in carriageway, hardshoulder and hardstrip	m2	€11.00	€18.00

Structures

Finishings

CC-RMP-01100 Kerbs, Footways and Paved Areas

			2019 Lower	2019 Upper
1100.24	Kerbs to deck footpaths, Straight or curved exceeding 12m radius	m	€22.00	€35.00
1100.25	Paved areas, 180mm thick in-situ concrete mix C30/20 footway surface sloping at 10 degrees or less to the horizontal	m2	€22.00	€40.00
1100.26	Paved areas, 245mm thick in-situ concrete mix C30/20 footway surface sloping at 10 degrees or less to the horizontal	m2	€27.00	€45.00
1100.27	Paved areas, 300mm thick in-situ concrete mix C30/20 footway surface sloping at 10 degrees or less to the horizontal	m2	€32.00	€55.00
1100.28	Paved area, Tobermore Tegula or equivalent block paving, 80mm thick, surfaces sloping at 10 degrees or less to the horizontal	m2	€45.00	€65.00
1100.29	Kerbs, Unreinforced concrete C40 with 125mm upstand, straight or curved exceeding 12m radius on bridge deck	m	€20.00	€35.00
1100.30	Additional In-Situ concrete mix C40 to kerbs for in situ unreinforced concrete grade C40 to kerbs	m3	€100.00	€145.00
1100.32	Combined drainage and Kerb, "BridgeDek2" by Cooper Clarke or equivalent, Straight or curved exceeding 12m radius	m	€20.00	€25.00
1100.33	Combined drain & kerb unit "BridgeDek2" by Cooper Clarke or equivalent	m	€100.00	€145.00
1100.34	Kerb, Precast concrete, Straight or curved exceeding 12m radius	m	€20.00	€30.00
1100.35	Kerb, Precast concrete, Straight or curved not exceeding 12m radius	m	€20.00	€35.00
1100.36	50mm flexible surfacing on road construction	m2	€10.00	€18.00
1100.37	Paved area, Precast "Keyblock" or equivalent with chamfered top edge laid in 900 herringbone pattern with sand joints, 200mm x100mm x80mm, Surface sloping at 10 degrees or less to the horizontal	m2	€25.00	€55.00

Structures

Finishings

CC-RMP-02000 Waterproofing for Structures

			2019 Lower	2019 Upper
	Waterproofing			
2000.1	Waterproofing below ground (2 Coat Spray applied)	m2	€9.00	€18.00
2000.2	Waterproofing to Deck (2 Coat Spray applied)	m2	€10.00	€30.00

2000.3	Waterproofing, "Bitu-thene HD/Bitushield" deck waterproofing, More than 300mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2	€35.00	€45.00
2000.4	Waterproofing, "Bitu-thene HD/Bitushield" deck waterproofing, 300mm wide or less at any inclination	m2	€40.00	€50.00
2000.5	Waterproofing, "Conidec" bridge deck waterproofing system sprayed or brushed on as waterproofing to surfaces of any width and at any inclination	m2	€40.00	€50.00
2000.6	Waterproofing, Spray applied proprietary waterproofing system, More than 300mm wide horizontal or at any inclination up to and including 30 degrees to the horizontal	m2	€24.00	€40.00
2000.7	Waterproofing, Spray applied proprietary waterproofing system, More than 300mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2	€28.00	€38.00
2000.8	Waterproofing, 2 coats of bitumen, More than 300mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2	€6.00	€15.00
Surface Impregnation and Coatings of Concrete				
2000.9	Surface impregnation to plain surfaces with silane	m2	€6.00	€10.00
2000.10	Surface impregnation to pattern surfaces with silane	m2	€6.00	€12.00
2000.11	Surface impregnation and coatings of concrete to plain surfaces with Betonflair W protective system	m2	€10.00	€16.00
2000.12	Surface impregnation and coatings of concrete to plain surfaces with Emcephob AGS Anti-Graffiti protective system	m2	€12.00	€18.00

Structures

Finishings

CC-RMP-02400 Brickwork, Blockwork and Stonework

			2019 Lower	2019 Upper
2400.1	Blockwork, Typical Strip Foundation with 215mm blockwork footings up to ground level; backfilled with suitable material; RCD/2400/1	m	€90.00	€140.00
2400.2	Blockwork, 1.5m high typical blockwork wall, precast concrete coping on wall, plastered on one side as RCD/2400/1	m	€275.00	€380.00
2400.3	Blockwork, 1.8m high typical blockwork wall, precast concrete coping on wall, plastered on one side as RCD/2400/1	m	€325.00	€450.00
2400.4	Blockwork, 1.5m high typical masonry faced wall, roundstone coping on wall, plastered on one side as RCD/2400/1	m	€420.00	€600.00
2400.5	extra over for Alternative "Castellated" Coping detail	m	€22.00	€45.00

2400.6	Blockwork, 1.8m high typical masonry faced wall, roundstone coping on wall, plastered on one side as RCD/2400/1	m	€450.00	€600.00
2400.7	Stonework, 1.5m high typical masonry faced stonework wall, round stone coping on wall, stone faced on both sides as RCD/2400/4	m	€150.00	€210.00
2400.8	extra over for Alternative "Castellated" Coping detail	m	€22.00	€45.00
2400.9	Stonework, 1.8m high typical masonry faced stonework wall, round stone coping on wall, stone faced on both sides as RCD/2400/4	m	€550.00	€800.00
2400.10	extra over for Alternative "Castellated" Coping detail	m	€22.00	€45.00
2400.11	1.8m High Powder coated fence on dwarf wall 215mm "Forticrete 450 Range" wall 500mm high smooth Standard Natural Finish	m	€300.00	€420.00
2400.12	1.8m High Powder coated fence on dwarf wall 215mm "Forticrete 450 Range" wall 500mm high smooth Spit Fluted Colour Finish	m	€325.00	€430.00
2400.13	Blockwork, 1.5m high typical cavity concrete masonry wall, 215mm "Forticrete 450 Range" Smooth Natural Grey Colour as RCD 2400/2	m	€235.00	€325.00
2400.14	Blockwork, 1.5m high typical cavity concrete masonry wall, 215mm "Forticrete 450 Range" Spit Fluted Colour Finish as RCD 2400/2	m	€250.00	€350.00
2400.15	Blockwork, 1.8m high typical cavity concrete masonry wall, 215mm "Forticrete 450 Range" Smooth Natural Grey Colour as RCD 2400/2	m	€250.00	€365.00
2400.16	Blockwork, 1.8m high typical cavity concrete masonry wall, 215mm "Forticrete 450 Range" Spit Fluted Colour Finish as RCD 2400/2	m	€290.00	€390.00
2400.17	Domestic Entrance; as RCD 2700/100; 1.5m high Walls 1.8m high Piers including a 2,500m wide mild steel swing gate; inc precast drainage kerb. (Note: excluded service duct and power supply)	no	€6,800.00	€10,000.00
2400.18	Extra over for automation	item	€2,500.00	€4,000.00
2400.19	Extra for Power Supply duct and cable 4 core 4 sq. armoured in service duct trench < 1m deep (say 40m)	item	€1,500.00	€2,000.00
2400.20	Extra over for blacktop to entrance	item	€1,500.00	€2,000.00
2400.21	Domestic Entrance; as RCD/2700/100; 1.5m high walls; Stone clad 1.8m high Piers including a 2,500m wide mild steel swing gate. Inc. precast drainage kerb. (Note: excluded service duct and power supply)	no	€9,000.00	€12,500.00
2400.22	Extra over for automation	item	€2,200.00	€4,000.00
2400.23	Extra for Power Supply duct and cable 4 core 4 sq. armoured in service duct trench < 1m deep (say 40m)	item	€1,500.00	€2,000.00
2400.24	Extra over for Alternative "Castellated" Coping detail	item	€220.00	€350.00
2400.25	Extra over for blacktop to entrance	item	€1,600.00	€2,500.00

Accommodation Works


CC-RMP-02700 Watermains, Utilities and Accommodation Works

			2019 Lower	2019 Upper
Watermains				
2700.1	Watermains, 50mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1	m	€20.00	€35.00
2700.2	Watermains, 50mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1; in carriageway	m	€44.00	€66.00
2700.3	Watermains, 100mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1	m	€21.00	€35.00
2700.4	Watermains, 100mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1; in carriageway	m	€48.00	€65.00
2700.5	Watermains, 150mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1	m	€28.00	€45.00
2700.6	Watermains, 150mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1; in carriageway	m	€56.00	€85.00
2700.7	Watermains, 200mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1	m	€45.00	€75.00
2700.8	Watermains, 200mm diameter HDPE watermain depths not exceeding 2m; average depth 1m, construction in trench bedding and surround as RCD/2700/1; in carriageway	m	€66.00	€100.00
2700.9	Watermains, 200mm diameter HDPE watermain depths exceeding 2m but not exceeding 4m; average depth 2.5m, construction in trench bedding and surround as RCD/2700/1	m	€120.00	€155.00
2700.10	Watermains, 200mm diameter D.I. watermain depths exceeding 2m but not exceeding 4m; average depth 2.5m, construction in trench bedding and surround as RCD/2700/1	m	€120.00	€175.00
2700.11	Watermains, 400mm diameter rising main construction in trench granular surround	m	€100.00	€156.00
2700.12	Watermains, 400mm diameter rising main construction in trench concrete surround	m	€160.00	€260.00
Connections				
2700.13	Connection to existing HDPE watermain, 50mm diameter, depth not exceeding 2m	no	€250.00	€550.00

2700.14	Connection to existing HDPE watermain, 100mm diameter, depth not exceeding 2m	no	€300.00	€550.00
2700.15	Connection to existing HDPE watermain, 150mm diameter, depth not exceeding 2m	no	€325.00	€550.00
2700.16	Connection of 250mm watermain to existing 300mm diameter watermain	no	€1,300.00	€2,000.00
2700.17	Connection of 250mm watermain to existing 180mm diameter watermain	no	€1,300.00	€2,000.00
Pipe Fittings				
2700.18	HDPE bends, Nominal bore: 63mm	no	€50.00	€60.00
2700.19	HDPE bends, Nominal bore: 110mm	no	€60.00	€80.00
2700.20	HDPE bends, Nominal bore: 160mm	no	€120.00	€150.00
2700.21	HDPE bends, Nominal bore: 200mm	no	€180.00	€250.00
2700.22	50mm all flanged C.I. tail piece	no	€105.00	€120.00
2700.23	50mm all flanged C.I. 90 degree bend	no	€105.00	€120.00
2700.24	50mm off 100mm all flanged C.I. 90 degree bend	no	€105.00	€120.00
2700.25	50mm to 75mm diameter concentric taper	no	€20.00	€30.00
2700.26	100mm Bends	no	€50.00	€60.00
2700.27	150mm Bends	no	€50.00	€60.00
2700.28	100mm off 50mm all flanged C.I. 90 degree bend	no	€100.00	€130.00
2700.29	50mm all flanged air valve	no	€300.00	€350.00
2700.30	200mm all flanged C.I. Tee piece	no	€260.00	€350.00
2700.31	VJ Coupling	no	€100.00	€350.00
2700.32	100mm all flanged C.I. tail piece	no	€100.00	€130.00
2700.33	100mm off 50mm all flanged C.I. 90 degree bend	no	€100.00	€130.00
Valves and Penstocks				
2700.34	Gate valves - hand operated, Nominal bore; not exceeding 200mm (50mm)	no	€300.00	€400.00
2700.35	Sluice Valve, Nominal bore 200mm (100mm)	no	€170.00	€250.00
2700.36	Sluice Valve, Nominal bore 200mm (200mm)	no	€270.00	€300.00
2700.37	Scour Valve, Nominal bore 200mm (100mm)	no	€170.00	€250.00
2700.38	Air Valve, Nominal bore 200mm (100mm)	no	€210.00	€320.00
2700.39	Hydrant, Nominal bore 200mm (100mm)	no	€115.00	€150.00
2700.40	Volumetric water meter	no	€175.00	€220.00
2700.41	Bulk Water Meter	no	€600.00	€1,000.00

Chambers				
2700.42	Chambers for Sluice Valves depths not exceeding 1m cover and frame Class E600 to IS/EN 24 as RCD/2700/4	no	€400.00	€600.00
2700.43	Chambers for Air Valves or Hydrant chambers depths not exceeding 1m cover and frame Class E600 to IS/EN 24 as RCD/2700/7 & 8.	no	€350.00	€650.00
2700.44	Chambers for Twin Sluice Valves depths not exceeding 1m cover and frame Class E600 to IS/EN 24 as RCD/2700/5	no	€500.00	€800.00
2700.45	Butterfly Valves chambers depths exceeding 1m but not exceeding 2m cover and frame Class E600 to IS/EN 24 as RCD/2700/6	no	€800.00	€1,500.00
Thrust Blocks				
2700.46	Thrust Block, Volume: not exceeding 0.1m ³	no	€30.00	€70.00
2700.47	Thrust Block, Volume: 0.1m ³ - 0.2m ³	no	€105.00	€120.00
2700.48	Thrust Block, Volume: 0.2m ³ - 0.5m ³	no	€120.00	€180.00
2700.49	Marker Post and Plate in accordance with RCD / 2700/13	no	€50.00	€90.00



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