



# ACTIVE TRAVEL INFRASTRUCTURE SCHEDULE OF RATES

June 2023

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## The National Transport Authority (NTA)

The National Transport Authority (NTA) funds public transport projects in the cities and counties of Cork, Dublin, Galway, Limerick and Waterford, and neighbouring areas of those counties. Such projects are generally sponsored by the NTA's partner organisations (Sponsoring Agencies).

To fulfill its statutory duty to secure the provision of public transport infrastructure on a value for money basis, the NTA requires Sponsoring Agencies follow clear processes with respect to cost estimation and profiling, cost reporting and cost management.

### Schedule of Rates

The NTA has developed a Schedule of Rates (SoR) that can be used by Sponsoring Agencies in the development of cost estimates for projects where the NTA is the Approving Authority. The SoR has been developed to assist Sponsoring Agencies, however Sponsoring Agencies are not obligated to use the information in this Schedule (for example, where they have more reliable data sources, have undertaken market testing or have carried out first principle pricing).

### User Notes

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#### General

- a. This SoR has been developed by the NTA through reference to traditionally procured projects that have predominately been delivered within a peri-urban or urban working environment and are focused on more sustainable means of travel (i.e. Active Travel).
- b. The Base Date of the rates within the SoR is Quarter 2 2023.
- c. All rates exclude VAT.

#### Item Coverage

- a. While the SoR is generally aligned to the Transport Infrastructure Ireland (TII) Method of Measurement, it should not be relied upon when preparing Bills of Quantities and should not be used as a template.
- b. The range and rates provided is based on NTA reference projects. The range provided is intended to be indicative of the rates that may be encountered on traditionally procured projects where Bills of Quantities are used to tender the project using the TII Rules for Measurement and Pricing.
- c. This SoR is not exhaustive, it is intended to provide a list of items that are typically encountered on projects where the NTA is the Approving Authority.
- d. Rates are inclusive of Contractor's risks that are typically encountered of a traditional remeasurement contract (e.g. defects the responsibility of the Contractor, short term inflation etc).
- e. Rates are inclusive of Contractor's profit margins and contributions to head office overheads.
- f. Rates are inclusive of all Plant, Labour, and Materials.
- g. The schedule of rates includes projects from all regions across the Country.

## Using the SoR

- a. The NTA urges caution when using and relying upon rates and ranges contained within this SoR. The rates are not reflective of one specific project. Therefore, when considering whether to use the SoR, specific factors such as those listed below should be considered:
  - Locality of the works (i.e peri-urban/urban, Dublin/Waterford).
  - Working restrictions (i.e working hours).
  - Site constraints.
  - Economies of scale.
  - Temporary works requirements.
  - Ground conditions.
  - Design complexity.
  - Risk profile.
  - Material specification.
  - Market appetite and capacity at time of preparation.
  - Construction methodology.
  - Works programme (seasonal constraints, inflationary allowances)
  
- b. The rates are reflective of a base date of Quarter 2 2023. For estimates that are prepared after this date, provision is to be made (either within the rates or as an additional cost) for the cost associated with inflation in the intervening period.
- c. Rates are reflective of tendered rates and risk transfer associated with projects being delivered on a traditional remeasurement basis and may not always be reflective of the outturn cost associated with project delivery.
- d. Those using the SoR should apply careful judgement when using this SoR, specifically in relation to the following:
  - Selecting the appropriate items within the SoR to apply within a cost estimate.
  - Utilising professional judgement to determine the appropriate rate to be used within a cost estimate, taking cognisance of scale, complexity, specification and project specific constraints.
  - Reliance on the median rate is discouraged, it is provided for baseline purposes only.
  - Local knowledge of the market and the site will be essential for determining an appropriate rates.
  
- e. The SoR does not include information in relation to Preliminaries. The following percentage additions to be applied to measureable works costs have been provided for information purposes:
  - Preliminaries (excluding Traffic Management and including Contractors design); Lower = 10% Median = 15% Upper = 20%
  - Traffic Management; Lower = 2% Median = 4% Upper = 6%

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Base Date June 2023

Ref	Series 200	Item Description	Unit	Lower	Median	Upper
	<b>Site Clearance</b>					
200.1	Site Clearance	General Site Clearance (removal of rubbish)	ha	€ 1,500.00	€ 2,750.00	€ 5,000.00
200.2	Items to be protected in place	Existing road signs, brackets and post and foundations	no	€ 25.00	€ 50.00	€ 75.00
200.3	Items to be protected in place	Existing gully chamber covers and frames	no	€ 15.00	€ 20.00	€ 25.00
200.4	Items to be protected in place	Existing lighting/electrical poles and foundations	no	€ 75.00	€ 133.50	€ 192.00
200.5	Items to be protected in place	Existing marker post and foundations	no	€ 15.00	€ 20.00	€ 25.00
200.6	Items to be protected in place	Existing watermain valve covers and frames	no	€ 15.00	€ 20.00	€ 25.00
200.7	Items to be protected in place	Existing ESB mini pillar and foundations	no	€ 75.00	€ 137.50	€ 200.00
200.8	Items to be protected in place	Existing traffic cabinet and foundations	no	€ 75.00	€ 137.50	€ 200.00
200.9	Items to be protected in place	Existing bollards and foundations	no	€ 10.00	€ 20.00	€ 30.00
201.0	Items to be protected in place	Existing chamber covers and frames	no	€ 10.00	€ 20.00	€ 30.00
201.1	Items to be protected in place	Existing public bench	no	€ 11.00	€ 21.00	€ 31.00
201.2	Take up or down and Set aside for reuse	Existing chamber covers and frames	no	€ 20.00	€ 30.00	€ 40.00
201.3	Take up or down and Set aside for reuse	Existing road signage	no	€ 75.00	€ 115.50	€ 156.00
201.4	Take up or down and Set aside for reuse	Existing road lighting columns	no	€ 150.00	€ 200.00	€ 250.00
201.5	Take up or down and Set aside for reuse	Gates	no	€ 120.00	€ 172.50	€ 225.00
201.6	Take up or down and Set aside for reuse	Pedestrian guardrails	m	€ 31.00	€ 65.50	€ 100.00
201.7	Take up or down and Set aside for reuse	Bike Stand	no	€ 50.00	€ 115.50	€ 181.00
201.8	Take up or down and Set aside for reuse	Parking Meter	no	€ 50.00	€ 100.00	€ 150.00
201.9	Take up or down and Set aside for reuse	Bench	no	€ 15.00	€ 23.00	€ 31.00
202	Take up or down and Set aside for reuse	Existing bollards	no	€ 15.00	€ 31.00	€ 47.00
202.1	Take up or down and remove to store off site	Existing cobble pavement	m2	€ 4.00	€ 6.00	€ 8.00
202.2	Take up or down and remove to store off site	Trees; including grubbing up and blasting stumps and roots including backfilling and compaction	no	€ 125.00	€ 223.00	€ 321.00
202.3	Take up or down and remove to store off site	Road Lighting Columns and lanterns	no	€ 75.00	€ 125.00	€ 175.00
202.4	Take up or down and remove to store off site	Traffic sign and post	no	€ 30.00	€ 47.50	€ 65.00
202.5	Take up or down and remove to store off site	Bollard	no	€ 58.00	€ 75.50	€ 93.00
202.6	Take up or down and remove to store off site	Bus Shelter	no	€ 350.00	€ 562.50	€ 775.00
202.7	Take up or down and remove to store off site	Bus Stop Sign	no	€ 40.00	€ 72.00	€ 104.00
202.8	Take up or down and remove to store off site	Flower Box	no	€ 50.00	€ 113.00	€ 176.00
202.9	Take up or down and remove to store off site	Refuse Bin	no	€ 50.00	€ 84.50	€ 119.00
203	Take up or down and remove to store off site	Traffic Signal head	no	€ 75.00	€ 150.00	€ 225.00
203.1	Take up or down and remove to store off site	Traffic Signal Post	no	€ 75.00	€ 150.00	€ 225.00
203.2	Take up or down and remove to store off site	CCTV Post	no	€ 75.00	€ 150.00	€ 225.00
203.3	Take up or down and remove to store off site	RTPI Post	no	€ 75.00	€ 150.00	€ 225.00
203.4	Take up or down and remove to store off site	Semi Mature Trees	no	€ 150.00	€ 275.00	€ 400.00
203.5	Take up or down and remove to store off site	Guardrail	m	€ 10.00	€ 20.00	€ 30.00
203.6	Take up or down and remove to store off site	Gully gratings and frames	no	€ 52.00	€ 62.50	€ 73.00
203.7	Take up or down and remove to store off site	Concrete paving slabs	no	€ 8.00	€ 15.50	€ 23.00
203.8	Take up or down and remove to store off site	Precast road kerbs	m	€ 3.00	€ 7.00	€ 11.00
203.9	Take up or down and remove to store off site	Hydrant covers and frames	no	€ 35.00	€ 67.50	€ 100.00
204	Take up or down and remove to tip off site	Bituminous footpath	m2	€ 2.00	€ 3.50	€ 5.00
204.1	Take up or down and remove to tip off site	Concrete posts and wire fence	m	€ 8.00	€ 9.50	€ 11.00
204.2	Take up or down and remove to tip off site	Existing Pole and Foundation	no	€ 75.00	€ 112.50	€ 150.00
204.3	Take up or down and remove to tip off site	Existing safety barriers/pedestrian guardrail/rail	no	€ 8.00	€ 9.50	€ 11.00
204.4	Take up or down and remove to tip off site	Existing sign face	no	€ 15.00	€ 22.00	€ 29.00
204.5	Take up or down and remove to tip off site	Existing signs including poles	no	€ 75.00	€ 112.50	€ 150.00

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Ref	Series 200	Item Description	Unit	Lower	Median	Upper
	<b>Site Clearance</b>					
204.6	Take up or down and remove to tip off site	Existing block paving	m2	€ 8.00	€ 15.50	€ 23.00
204.7	Take up or down and remove to tip off site	Existing concrete flower bed	no	€ 10.00	€ 15.00	€ 20.00
204.8	Take up or down and remove to tip off site	Existing concrete footpath	no	€ 5.00	€ 5.00	€ 5.00
204.9	Take up or down and remove to tip off site	Existing concrete pavement 300mm thick	no	€ 8.00	€ 15.50	€ 23.00
205	Take up or down and remove to tip off site	Existing chamber covers and frames	no	€ 50.00	€ 64.00	€ 78.00
205.1	Take up or down and remove to tip off site	Existing block paving on footpaths, traffic islands and roundabouts	m2	€ 12.00	€ 19.00	€ 26.00
205.2	Take up or down and remove to tip off site	Existing precast concrete kerbs	m	€ 3.00	€ 5.50	€ 8.00
205.3	Take up or down and remove to tip off site	Existing concrete channel	m	€ 3.00	€ 6.50	€ 10.00
205.4	Take up or down and remove to tip off site	Existing road studs	no	€ 6.00	€ 9.00	€ 12.00
205.5	Take up or down and remove to tip off site	Trees, max height 10m, max girth 500mm	no	€ 100.00	€ 200.00	€ 300.00
205.6	Take up or down and remove to tip off site	Concrete slabs 50mm thick	m2	€ 6.00	€ 8.50	€ 11.00
205.7	Take up or down and remove to tip off site	Existing Bollards	no	€ 25.00	€ 41.50	€ 58.00
205.8	Take up or down and remove to tip off site	Blockwork and Stonework - Concrete Wall and Railing	m	€ 57.00	€ 141.00	€ 225.00
205.9	Take up or down and remove to tip off site	Blockwork and Stonework - Low Block Wall	m	€ 57.00	€ 141.00	€ 225.00
206	Take up or down and remove to tip off site	Hedge	m	€ 5.00	€ 11.50	€ 18.00
206.1	Take up or down and remove to tip off site	Pier caps	no	€ 20.00	€ 41.50	€ 63.00
206.2	Take up or down and remove to tip off site	Main entrance gates	no	€ 100.00	€ 237.50	€ 375.00
206.3	Take up or down and remove to tip off site	Paved Areas and the like - Cobbles/Granite	m2	€ 10.00	€ 22.50	€ 35.00

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Ref	Series 300	Item Description	Unit	Lower	Median	Upper
<b>Fencing, Gates and Stiles</b>						
300.1	Permanent Fencing	Timber Post and Rail; 1.3m high	m	€ 45.00	€ 62.50	€ 80.00
300.2	Permanent Fencing	Palisade fence; green; 1.8m high	m	€ 125.00	€ 164.50	€ 204.00
300.3	Permanent Fencing	Palisade fence; green; 2.1m high	no	€ 150.00	€ 185.00	€ 220.00
300.4	Permanent Fencing	Timber post and tension mesh fence and posts	m	€ 20.00	€ 27.00	€ 34.00
300.5	Permanent Fencing	Galvanised steel handrail; 1.4m high handrail	m	€ 100.00	€ 114.50	€ 129.00
300.6	Permanent Fencing	Height restriction barrier; 5.1m wide	no	€ 3,250.00	€ 3,720.00	€ 4,190.00
300.7	Permanent Fencing	Environmental noise barrier; 2.0m high	m	€ 150.00	€ 225.00	€ 300.00
300.8	Temporary Fencing	Tree protection fence/barrier; 1.8m high	m	€ 8.00	€ 9.50	€ 11.00
300.9	Remove from store and re-erect	Remove from store and re-erect fencing; Timber post and rail	m	€ 15.00	€ 17.50	€ 20.00
301.0	Remove from store and re-erect	Remove from store and re-erect gates and stiles; gate; 1.0 x 2.0m	no	€ 175.00	€ 238.50	€ 302.00
301.1	Gates	4.0m double leaf welded mesh gate and posts	no	€ 1,250.00	€ 1,564.00	€ 1,878.00
301.2	Gates	5.7m double leaf welded mesh gate and posts	no	€ 1,500.00	€ 2,065.00	€ 2,630.00
301.3	Gates	5.7m electric access control barrier gate	no	€ 3,000.00	€ 3,646.50	€ 4,293.00
301.4	Gates	Galvanised steel gate; painted black with external quality metallic paint; 4.5 x 2.0m; in two leaf's	no	€ 2,250.00	€ 2,624.00	€ 2,998.00
301.5	Gates	Single field gate, 3.05 x 1.22m	no	€ 375.00	€ 476.50	€ 578.00
301.6	Gates	Palisade gate; green; in two leaf's; 4.0 x 1.8m	no	€ 1,250.00	€ 1,625.00	€ 2,000.00
301.7	Gates	Palisade pedestrian gate; 2.0 x 1.0m	no	€ 750.00	€ 1,250.00	€ 1,750.00
301.8	Gates	Timber pedestrian gate; Iroko hardwood or equal approved; 1.0 x 1.8m	no	€ 1,250.00	€ 1,500.00	€ 1,750.00

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Ref	Series 400	Item Description	Unit	Lower	Median	Upper
<b>Safety Barriers and Pedestrian Guardrails</b>						
400.1	Pedestrian Parapets, Pedestrian Guardrails and Handrails	Top wall handrail, rail height - from 350mm to 1000mm	no	€ 125.00	€ 150.00	€ 175.00
400.2	Pedestrian Parapets, Pedestrian Guardrails and Handrails	Pedestrian Guardrail; Galvanised; 1.00m above paved surface, straight or curved exceeding 50m radius	m	€ 125.00	€ 150.00	€ 175.00
400.3	Pedestrian Parapets, Pedestrian Guardrails and Handrails	Pedestrian Guardrail; Galvanised; 1.25m min above paved surface, straight or curved exceeding 50m radius	m	€ 135.00	€ 160.00	€ 185.00
400.4	Pedestrian Parapets, Pedestrian Guardrails and Handrails	Pedestrian Guardrail; Galvanised; 1.45m min above paved surface, straight or curved exceeding 50m radius	m	€ 145.00	€ 172.50	€ 200.00
400.5	Pedestrian Parapets, Pedestrian Guardrails and Handrails	Pedestrian Guardrail; Galvanised; 1.85m min above paved surface, straight or curved exceeding 50m radius	m	€ 150.00	€ 180.00	€ 210.00

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Ref	Series 500	Item Description	Unit	Lower	Median	Upper
<b>Drainage and Service Ducts</b>						
500.1	Drains, Sewers, Piped Culverts	150mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 80.00	€ 90.00	€ 100.00
500.2	Drains, Sewers, Piped Culverts	225mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 100.00	€ 110.00	€ 120.00
500.3	Drains, Sewers, Piped Culverts	300mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 120.00	€ 130.00	€ 140.00
500.4	Drains, Sewers, Piped Culverts	375mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 130.00	€ 140.00	€ 150.00
500.5	Drains, Sewers, Piped Culverts	450mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 145.00	€ 155.00	€ 165.00
500.6	Drains, Sewers, Piped Culverts	525mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 180.00	€ 190.00	€ 200.00
500.7	Drains, Sewers, Piped Culverts	600mm Internal diameter uPVC drain or sewer; Type S; construction to trench; depth to invert not exceeding 2 metres	m	€ 190.00	€ 200.00	€ 210.00
500.8	Drains, Sewers, Piped Culverts	225mm diameter Concrete Pipes in Type S (Clause 503) Bed and Surround; Clause 808 backfill; constructed in trench; depth not exceeding 2m	m	€ 61.00	€ 93.00	€ 125.00
500.9	Drains, Sewers, Piped Culverts	225mm diameter Concrete Pipes in Type Z (Concrete) Bed and Surround; Clause 808 backfill; constructed in trench; depth not exceeding 2m	m	€ 100.00	€ 137.50	€ 175.00
501	Drains, Sewers, Piped Culverts	300mm diameter Concrete Pipes in Type S (Clause 503) Bed and Surround; Clause 808 backfill; constructed in trench; depth not exceeding 2m	m	€ 125.00	€ 150.00	€ 175.00
501.1	Drains, Sewers, Piped Culverts	300mm diameter Concrete Pipes in Type S (Clause 503) Bed and Surround; Clause 808 backfill; constructed in trench; depth exceeding 2m but exceeding 4m	m	€ 150.00	€ 175.00	€ 200.00
501.2	Drains, Sewers, Piped Culverts	375mm diameter Concrete Pipes in Type S (Clause 503) Bed and Surround; Clause 808 backfill; constructed in trench; depth exceeding 2m but not exceeding 4m	m	€ 180.00	€ 215.00	€ 250.00
501.3	Drains, Sewers, Piped Culverts	450mm diameter Concrete Pipes in Type S (Clause 503) Bed and Surround; Clause 808 backfill; constructed in trench; depth exceeding 2m but not exceeding 4m	m	€ 225.00	€ 250.00	€ 275.00
501.4	Drains, Sewers, Piped Culverts	Concrete Pipes in Type Z (ST4 Concrete) Bed and Surround, Clause 808 backfill, constructed in trench, surface water - 300mm diameter, depth not exceeding 2m	m	€ 150.00	€ 175.00	€ 200.00
501.5	Drains, Sewers, Piped Culverts	300mm diameter Concrete Pipes in Type Z (ST4 Concrete) Bed and Surround, Clause 808 backfill, constructed in trench; depth exceeding 2m but not exceeding 4m	m	€ 250.00	€ 287.50	€ 325.00
501.6	Drains, Sewers, Piped Culverts	375mm diameter Concrete Pipes in Type Z (ST4 Concrete) Bed and Surround, Clause 808 backfill, constructed in trench; depth not exceeding 2m	m	€ 150.00	€ 175.00	€ 200.00
501.7	Drains, Sewers, Piped Culverts	375mm diameter Concrete Pipes in Type Z (ST4 Concrete) Bed and Surround, Clause 808 backfill, constructed in trench; depth exceeding 2m but not exceeding 4m	m	€ 250.00	€ 287.50	€ 325.00
501.8	Drains, Sewers, Piped Culverts	450mm diameter Concrete Pipes in Type Z (ST4 Concrete) Bed and Surround, Clause 808 backfill, constructed in trench; depth exceeding 2m but not exceeding 4m	m	€ 275.00	€ 312.50	€ 350.00
501.9	Filter Drains, Narrow Filter Drains & Fin Drains	150mm diameter Perforated land drain; 300mm pea gravel surround wrapped in Terram; Depth to invert 0.60m	m	€ 45.00	€ 55.00	€ 65.00
502	Filter Drains, Narrow Filter Drains & Fin Drains	150mm diameter; Perforated Pipe in Drain Type 8 Bed & Surround as per TII CC-SCD-00540; Clause 505 backfill; constructed in trench; depth not exceeding 2m	m	€ 52.00	€ 59.50	€ 67.00
502.1	Filter Drains, Narrow Filter Drains & Fin Drains	225mm diameter Perforated pipe; Type 8 bed and surround as per TII CC-SCD-00540, clause 505 backfill, constructed in trench, 225mm diameter, depth not exceeding 2m	m	€ 60.00	€ 70.00	€ 80.00
502.2	Filter Drains, Narrow Filter Drains & Fin Drains	150mm diameter Perforated pipe; Type K bed and surround as per TII CC-SCD-00520, clause 505 backfill, constructed in trench, depth not exceeding 2m	m	€ 52.00	€ 59.50	€ 67.00
502.3	Filter Drains, Narrow Filter Drains & Fin Drains	225mm diameter Perforated pipe; Type K bed and surround CC-SCD-00520, clause 505 backfill, constructed in trench, depth not exceeding 2m	m	€ 60.00	€ 65.00	€ 70.00
502.4	Connections	Connection to existing drain; 150mm diameter; depth not exceeding 2m	no	€ 150.00	€ 225.00	€ 300.00
502.5	Connections	Connection to existing drain; 225mm diameter; depth not exceeding 2m	no	€ 150.00	€ 225.00	€ 300.00
502.6	Connections	Connection to existing chamber; 150mm diameter; depth not exceeding 2m	no	€ 300.00	€ 375.00	€ 450.00
502.7	Connections	Connection to existing chamber; 225mm diameter; depth not exceeding 2m	no	€ 300.00	€ 375.00	€ 450.00
502.8	Connections	Connection to existing chamber; 375mm diameter; depth not exceeding 2m	no	€ 300.00	€ 375.00	€ 450.00
502.9	Connections	Connection of 150mm outlet from combined drainage and kerb system to existing surface water sewer manhole, depth to invert not exceeding 2m	no	€ 200.00	€ 250.00	€ 300.00



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Ref	Series 500	Item Description	Unit	Lower	Median	Upper
<b>Drainage and Service Ducts</b>						
503	Connections	Connection of 225mm outlet from combined drainage and kerb system to existing surface water sewer manhole, depth to invert not exceeding 2m	no	€ 200.00	€ 250.00	€ 300.00
503.1	Connections	Connection to foul sewer pipe; sealed with removable plug	no	€ 25.00	€ 30.00	€ 35.00
503.2	Linear Drainage Channel	ACO Kerb Drain 305	m	€ 90.00	€ 110.00	€ 130.00
503.3	Linear Drainage Channel	ACO drainage channel M100D complete with Class B125 cover and heel safe anti-slip grating, Straight or curved exceeding 12 metres radius	m	€ 90.00	€ 110.00	€ 130.00
503.4	Linear Drainage Channel	Precast concrete drainage channel in footpath; 125mm deep x 340mm wide x 1200mm long	m	€ 80.00	€ 117.00	€ 154.00
503.5	Linear Drainage Channel	ACO Multidrain; Straight or curved exceeding 12 metres radius	m	€ 180.00	€ 190.00	€ 200.00
503.6	Linear Drainage Channel	ACO MonoDrain PD100D; Straight or curved exceeding 12 metres radius	m	€ 100.00	€ 130.00	€ 160.00
503.7	Linear Drainage Channel	Drainage channel blocks; as per CC-SCD-00523 Type B; Straight or curved exceeding 12m radius	m	€ 35.00	€ 42.50	€ 50.00
503.8	Linear Drainage Channel	ACO S100 S020 with 110mm outlet, bedded in ST4 concrete; Straight or curved exceeding 12 metres radius	no	€ 85.00	€ 117.50	€ 150.00
503.9	Headwalls and Retenments	Reinforced Headwall as per TII CC-SCD-00553	no	€ 1,250.00	€ 2,000.00	€ 2,750.00
504	Headwalls and Retenments	Reinforced concrete headwall; as per TII CC-SCD-00553, 225mm internal diameter	no	€ 1,250.00	€ 1,375.00	€ 1,500.00
504.1	Headwalls and Retenments	Reinforced concrete headwall; as per CC-SCD-00553, 450mm internal diameter	no	€ 1,500.00	€ 1,625.00	€ 1,750.00
504.2	Headwalls and Retenments	Reinforced concrete headwall; as per TII CC-SCD-00553, 675mm internal diameter	no	€ 1,750.00	€ 2,000.00	€ 2,250.00
504.3	Headwalls and Retenments	Reinforced concrete headwall; as per TII CC-SCD-00553, 900mm internal diameter	no	€ 2,250.00	€ 2,500.00	€ 2,750.00
504.4	Headwalls and Retenments	Rock armour retentment to headwalls; as per TII Drawing No. SSCD-500-01, 225mm internal diameter	no	€ 250.00	€ 275.00	€ 300.00
504.5	Headwalls and Retenments	Rock armour retentment to headwalls; as per TII Drawing No. SSCD-500-01, 450mm internal diameter	no	€ 450.00	€ 500.00	€ 550.00
504.6	Headwalls and Retenments	Rock armour retentment to headwalls; as per TII Drawing No. SSCD-500-01, 675mm internal diameter	no	€ 650.00	€ 700.00	€ 750.00
504.7	Headwalls and Retenments	Rock armour retentment to headwalls; as per TII Drawing No. SSCD-500-01, 900mm internal diameter	no	€ 750.00	€ 800.00	€ 850.00
504.8	Petrol/Oil Interceptors, Hydrobrakes and Gate Valves	Hydrobrake Optimum, 1.5l/s	no	€ 1,000.00	€ 1,750.00	€ 2,500.00
504.9	Petrol/Oil Interceptors, Hydrobrakes and Gate Valves	Hydrobrake Optimum, 2.06l/s	no	€ 1,750.00	€ 2,375.00	€ 3,000.00
505	Petrol/Oil Interceptors, Hydrobrakes and Gate Valves	Petrol interceptor, Petrol Interceptor NSBE010	no	€ 3,500.00	€ 4,750.00	€ 6,000.00
505.1	Petrol/Oil Interceptors, Hydrobrakes and Gate Valves	Petrol interceptor, Petrol Interceptor NSBP006	no	€ 3,500.00	€ 4,750.00	€ 6,000.00
505.2	Petrol/Oil Interceptors, Hydrobrakes and Gate Valves	Tideflex series TF-1 Valve	no	€ 2,000.00	€ 3,000.00	€ 4,000.00
505.3	Excavation in Hard Material	Excavation in hard material in drainage or service ducts	m3	€ 18.00	€ 41.00	€ 64.00
505.4	Soft Spots and Other Voids	Excavation of soft spots	m3	€ 8.00	€ 16.50	€ 25.00
505.5	Soft Spots and Other Voids	Filling of soft spots and other voids with Clause 804	m3	€ 55.00	€ 65.00	€ 75.00
505.6	Chambers and Gullies	Surface Water Manhole Type A; Depths not exceeding 1 metre - E600 Cover and Frame	no	€ 1,500.00	€ 1,789.50	€ 2,079.00
505.7	Chambers and Gullies	Surface Water Manhole Type A; Depths exceeding 1 metre but not exceeding 2 metres - E600 Cover and Frame	no	€ 2,250.00	€ 2,665.00	€ 3,080.00
505.8	Chambers and Gullies	Surface Water Manhole Type A-IT; Depths not exceeding 1 metre - E600 Cover and Frame	no	€ 1,750.00	€ 2,167.00	€ 2,584.00
505.9	Chambers and Gullies	Surface Water Manhole Type A-IT; Depths exceeding 1 metre but not exceeding 2 metres - E600 Cover and Frame	no	€ 2,500.00	€ 2,801.00	€ 3,102.00
506	Chambers and Gullies	Surface Water Manhole Type B; Depths exceeding 1 metre but not exceeding 2 metres - E600 Cover and Frame	no	€ 3,000.00	€ 4,250.00	€ 5,500.00
506.1	Chambers and Gullies	Surface Water Manhole Type B-IT; Depths exceeding 1 metres but not exceeding 2 metres - E600 Cover and Frame	no	€ 3,000.00	€ 4,250.00	€ 5,500.00
506.2	Chambers and Gullies	Surface Water Manhole Type B-IT; Depths exceeding 2 metres but not exceeding 3 metres - E600 Cover and Frame	no	€ 4,500.00	€ 5,500.00	€ 6,500.00
506.3	Chambers and Gullies	Irish Water Chamber type 1200mm Dia. As per Irish Water STD-WW-10 with D400 600dia. EN124 and frame depth to invert exceeding 1	no	€ 1,250.00	€ 1,500.00	€ 1,750.00
506.4	Chambers and Gullies	Irish Water Chamber type 3 - 1200mm Dia. As per Irish Water STD-WW-12 with D400 600dia. EN124 and frame depth to invert exceeding 1 metres but not exceeding 2 metres	no	€ 1,250.00	€ 1,500.00	€ 1,750.00

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<b>Drainage and Service Ducts</b>						
506.5	Chambers and Gullies	Irish Water Chamber type 1200mm Dia. As per Irish Water STD-WW-10 with D400 600dia. EN124 and frame depth to invert exceeding 2 metres but not exceeding 3 metres	no	€ 1,500.00	€ 1,750.00	€ 2,000.00
506.6	Chambers and Gullies	Irish Water Chamber type 600 x 600mm as per Irish Water STD-WW-13 with D400 600dia. EN124 and frame depth to invert exceeding 1 metres but not exceeding 2 metres	no	€ 600.00	€ 700.00	€ 800.00
506.7	Chambers and Gullies	Irish Water Foul Chamber; as per Irish Water detail STD-WW-12, 225mm diameter; depth exceeding 2.0m but not exceeding 3.0m	no	€ 1,250.00	€ 1,375.00	€ 1,500.00
506.8	Chambers and Gullies	Manhole, including cover class D400 and frame, 1050mm diameter, depth exceeding 1m but not exceeding 2m,	no	€ 1,250.00	€ 1,375.00	€ 1,500.00
506.9	Chambers and Gullies	Manhole, including cover detail as per TII CC-SCD-00514, class D400 and frame, 1050mm diameter, depth exceeding 2m but not exceeding 3m	no	€ 1,350.00	€ 1,550.00	€ 1,750.00
507	Chambers and Gullies	Manhole, including cover class D400 and frame, 1200mm diameter, depth exceeding 1m but not exceeding 2m,	no	€ 1,500.00	€ 1,625.00	€ 1,750.00
507.1	Chambers and Gullies	Manhole, including cover detail as per TII CC-SCD-00514, class D400 and frame, 1200mm diameter, depth exceeding 2m but not exceeding 3m	no	€ 1,500.00	€ 1,875.00	€ 2,250.00
507.2	Chambers and Gullies	Manhole, including cover class D400 and frame, 1500mm diameter, depth exceeding 1m but not exceeding 2m,	no	€ 1,750.00	€ 2,125.00	€ 2,500.00
507.3	Chambers and Gullies	Manhole, including cover detail as per TII CC-SCD-00514, class D400 and frame, 1500mm diameter, depth exceeding 2m but not exceeding 3m	no	€ 2,250.00	€ 2,500.00	€ 2,750.00
507.4	Chambers and Gullies	Manhole, including cover class D400 and frame, 1800mm diameter, depth exceeding 1m but not exceeding 2m,	no	€ 2,750.00	€ 3,000.00	€ 3,250.00
507.5	Chambers and Gullies	Manhole, including cover detail as per TII CC-SCD-00514, class D400 and frame, 1800mm diameter, depth exceeding 2m but not exceeding 3m	no	€ 3,000.00	€ 3,250.00	€ 3,500.00
507.6	Chambers and Gullies	Manhole, including cover class D400 and frame, 2100mm diameter, depth exceeding 1m but not exceeding 2m,	no	€ 3,250.00	€ 3,500.00	€ 3,750.00
507.7	Chambers and Gullies	Manhole, including cover detail as per TII CC-SCD-00514, class D400 and frame, 2100mm diameter, depth exceeding 2m but not exceeding 3m	no	€ 3,500.00	€ 4,000.00	€ 4,500.00
507.8	Chambers and Gullies	Block Built inspection chamber; D400 cover and frame, 600mm square, depth not exceeding 1m	no	€ 650.00	€ 750.00	€ 850.00
507.9	Chambers and Gullies	Block Built inspection chamber; D400 cover and frame, 600mm square, depth exceeding 2m but not exceeding 4m	no	€ 750.00	€ 875.00	€ 1,000.00
508	Chambers and Gullies	Soakaway manhole; 1.0 x 1.0m; depth to invert exceeding 1m but not exceeding 2m; 200 x 200mm grade A15 cover	no	€ 350.00	€ 450.00	€ 550.00
508.1	Chambers and Gullies	Gullies, Trapped, Precast Concrete, Depth to invert not exceeding 1m, Type D400 grating and frame to EN124 in accordance with CC-SCD-05010 & CC-SCD-05012	no	€ 375.00	€ 437.50	€ 500.00
508.2	Chambers and Gullies	Gullies, In Situ Concrete, Depth to invert not exceeding 1m, Type D400 grating and frame to EN124 in accordance with CC-SCD-05011	no	€ 450.00	€ 525.00	€ 600.00
508.3	Chambers and Gullies	Road gully hippo; Depth to invert not exceeding 1 metre - D400 grate and frame	no	€ 350.00	€ 450.00	€ 550.00
508.4	Chambers and Gullies	Pedestrian gully; Depth to invert not exceeding 1 metre - D400 grate and frame	no	€ 400.00	€ 475.00	€ 550.00
508.5	Chambers and Gullies	Overflow gully; Depth to invert not exceeding 1 metre - D400 grate and frame	no	€ 400.00	€ 475.00	€ 550.00
508.6	Chambers and Gullies	Cycle friendly gully; Depth to invert not exceeding 1 metre - D400 grate and frame	no	€ 400.00	€ 500.00	€ 600.00
508.7	Chambers and Gullies	Gullies, Remove from store and reinstall gully gratings	no	€ 50.00	€ 62.50	€ 75.00
508.8	Chambers and Gullies	Existing Gully Lead to be capped, removal of cover & frame, Backfill of existing gully	no	€ 125.00	€ 212.50	€ 300.00
508.9	Service ducts	Ducts; 2-way 50mm ducts; construction in trench; depth to invert not to exceed 2.0m	m	€ 30.00	€ 37.50	€ 45.00
509	Service Ducts	Ducts; constructed in trench; with sand bed & surround; Clause 808 backfill; 1-way 110mm diameter ducts - depth not exceeding 1.0m	m	€ 40.00	€ 47.50	€ 55.00
509.1	Service Ducts	Ducts; constructed in trench; with sand bed & surround; Clause 808 backfill; 2-way 110mm diameter ducts - depth not exceeding 1.0m	m	€ 40.00	€ 47.50	€ 55.00
509.2	Service Ducts	Ducts; constructed in trench; with sand bed & surround; Clause 808 backfill; 4-way 110mm diameter ducts - depth not exceeding 1.0m	m	€ 50.00	€ 60.00	€ 70.00
509.3	Service Ducts	Ducts, constructed in trench, in carriageway, with mix ST2 concrete bed and surround, mix ST2 concrete backfill - 1-way 107mm diameter orange ducts- depth not exceeding 2m	m	€ 50.00	€ 60.00	€ 70.00
509.4	Service Ducts	Ducts, constructed in trench, in carriageway, with mix ST2 concrete bed and surround, mix ST2 concrete backfill - 2-way 107mm diameter orange ducts	m	€ 60.00	€ 70.00	€ 80.00

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<b>Drainage and Service Ducts</b>						
509.5	Service Ducts	Ducts constructed in trench, with sand bed and surround, clause 808 backfill - 1-way orange 107mm diameter ducts -depth not exceeding 2m	m	€ 20.00	€ 25.00	€ 30.00
509.6	Service Ducts	Ducts constructed in trench, with sand bed and surround, clause 808 backfill - 2-way 107mm diameter orange ducts - depth not exceeding 2m	m	€ 25.00	€ 30.00	€ 35.00
509.7	Service Ducts	HDPE Red Public Lighting roped ducts; constructed in trench; with sand bed & surround; Clause 808 backfill; 1-way 100mm diameter ducts - depth not exceeding 1.0m	m	€ 30.00	€ 42.50	€ 55.00
509.8	Service Ducts	HDPE Green spare ducts, constructed in trench, with sand bed and surround, clause 808 backfill; 4-way 110mm diameter ducts - depth not exceeding 1.0m	m	€ 55.00	€ 60.00	€ 65.00
509.9	Service Ducts	2 x 110mm internal diameter service duct in trench type B depth to invert not exceeding 2 metres average depth to invert 1.0m under canal and banks (CCTV)	m	€ 200.00	€ 225.00	€ 250.00
510	Service Ducts	2 x 110mm internal diameter service duct in trench type B depth to invert not exceeding 2 metres average depth to invert 1.0m under canal and banks (DCC Fibre)	m	€ 200.00	€ 225.00	€ 250.00
510.1	Service Ducts	5 x 125mm internal diameter HDPE service duct on bed Type B in trench depth to invert not exceeding 2 metres average depth to invert 1.0m under canal and banks (ESB 110KV circuit)	m	€ 210.00	€ 235.00	€ 260.00
510.2	Service Ducts	Ducts for ESB, constructed in trench, with sand bed and surround, clause 808 backfill - 1-way 125mm diameter red ducts -depth not exceeding 2m	m	€ 30.00	€ 32.50	€ 35.00
510.3	Service Ducts	Ducts for ESB, constructed in trench, with sand bed and surround, clause 808 backfill - 2-way 125mm diameter red ducts -depth not exceeding 2m	m	€ 35.00	€ 37.50	€ 40.00
510.4	Service Ducts	2 x 110mm internal diameter service duct cast into insitu bridge deck (CCTV)	m	€ 20.00	€ 25.00	€ 30.00
510.5	Service Ducts	2 x 110mm internal diameter service duct cast into insitu bridge deck (DCC fibre)	m	€ 20.00	€ 25.00	€ 30.00
510.6	Service Ducts	2 x 110mm internal diameter service duct cast into insitu bridge deck (Public Lighting)	m	€ 20.00	€ 25.00	€ 30.00
510.7	Service Ducts	2 x 110mm internal diameter service duct cast into insitu bridge deck (Waterways Ireland)	m	€ 20.00	€ 25.00	€ 30.00
510.8	Service Ducts	2 x 125mm internal diameter UPVC service duct cast into insitu bridge deck (ESB 110KV Comms)	m	€ 20.00	€ 25.00	€ 30.00
510.9	Service Ducts	3 x 125mm internal diameter UPVC service duct cast into insitu bridge deck (ESB 110KV power)	m	€ 22.50	€ 27.50	€ 32.50
511	Service Ducts	Excavation, install bed and surround and backfill of service trench only	m	€ 25.00	€ 45.00	€ 65.00
511.1	Service Ducts	Gas Main Trench, constructed in trench in carriageway, bedded and backfilled with mix ST2 concrete, 180mm gas main, all workings excluding procurement of pipe material and placing and welding of pipe in trench	m	€ 60.00	€ 70.00	€ 80.00
511.2	Service Ducts	Gas main Trench, constructed in trench, installed with sand bed and surround, backfilled with clause 808, 180mm gas main, all works excluding procurement of pipe material and placing and welding of pipe in trench	m	€ 25.00	€ 30.00	€ 35.00
511.3	Chambers and Gullies	Service Chamber - JB4A; Depth to invert exceeding 1 metre but not exceeding 2 metres - E600 Chamber Cover and Frame	no	€ 1,750.00	€ 1,935.00	€ 2,120.00
511.4	Chambers and Gullies	Service Chamber - JB4; Depth to invert exceeding 1 metre but not exceeding 2 metres - E600 Chamber Cover and Frame	no	€ 1,000.00	€ 1,133.00	€ 1,266.00
511.5	Chambers and Gullies	Service Chamber - JB2; Depth to invert exceeding 1 metre but not exceeding 2 metres - E600 Chamber Cover and Frame	no	€ 650.00	€ 800.00	€ 950.00
511.6	Chambers and Gullies	Service Chamber - PL Chamber; Depth to invert exceeding 1 metre but not exceeding 2 metres - D400 Chamber Cover and Frame	no	€ 650.00	€ 800.00	€ 950.00
511.7	Chambers and Gullies	Traffic Signal Chambers, Construction of 720x260mm JB2 block-built Chamber identified on the Contract Drawings in footway; depth not exceeding 1m; B125 Cover & Frame;	no	€ 450.00	€ 550.00	€ 650.00
511.8	Chambers and Gullies	Traffic Signal Chambers, Construction of 915x445mm JB4 block-built Chamber identified on the Contract Drawings in footway; depth not exceeding 1m; B125 Cover & Frame;	no	€ 500.00	€ 587.50	€ 675.00
511.9	Chambers and Gullies	Traffic signals Chambers, JB4 600 x 600mm chamber and cover, depth to invert not exceeding 1m	no	€ 550.00	€ 650.00	€ 750.00
512	Chambers and Gullies	Traffic signals Chambers, JB4 900 x 600mm chamber and cover, depth to invert not exceeding 1m	no	€ 650.00	€ 750.00	€ 850.00
512.1	Chambers and Gullies	Traffic Signals Chambers, 300 x 300mm traffic signal loop chamber with B125 cover and frame	no	€ 450.00	€ 550.00	€ 650.00
512.2	Chambers and Gullies	CCTV Chambers, 600 x 450mm chamber with D400 ductile iron cover to suit	no	€ 550.00	€ 650.00	€ 750.00
512.3	Chambers and Gullies	Mastic surround to chambers in carriageway	no	€ 350.00	€ 500.00	€ 650.00

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<b>Drainage and Service Ducts</b>						
512.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, manhole to suit new finished road/path level	no	€ 144.00	€ 249.50	€ 355.00
512.5	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, fire hydrant to suit finished road/path level	no	€ 144.00	€ 222.00	€ 300.00
512.6	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, inspection chamber to suit new road/path level	no	€ 144.00	€ 227.50	€ 311.00
512.7	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, gas valve cover to suit new finished road/path level	no	€ 144.00	€ 222.00	€ 300.00
512.8	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, water meter cover to suit new finished road/path level	no	€ 144.00	€ 222.00	€ 300.00
512.9	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, sluice valve cover to suit new finished road/path level	no	€ 93.00	€ 196.50	€ 300.00
513	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, valve to suit new finished road/path level	no	€ 144.00	€ 222.00	€ 300.00
513.1	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing chambers, gully cover to suit new finished road/path level	no	€ 144.00	€ 222.00	€ 300.00
513.2	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering frame and cover on existing gullies, cycle friendly D400	no	€ 144.00	€ 222.00	€ 300.00
513.3	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal of existing gully grating and frame to new finished level not exceeding 150mm.	no	€ 75.00	€ 125.00	€ 175.00
513.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising/Lowering the level of cover and frame of existing EIR Chamber to new finished levels. Chamber Adjustment Exceeding 150mm but not exceeding 300mm.	no	€ 200.00	€ 300.00	€ 400.00
513.5	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising/Lowering the level of cover and frame of existing ESB Chamber to new finished levels. Chamber Adjustment Exceeding 150mm but not exceeding 300mm.	no	€ 200.00	€ 300.00	€ 400.00
513.6	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising/Lowering the level of cover and frame of existing foul water manhole to new finished level not exceeding 150mm	no	€ 200.00	€ 300.00	€ 400.00
513.7	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising/Lowering the level of cover and frame of existing BT Chambers to new finished. Chamber Adjustment Exceeding 150mm but not exceeding 300mm.	no	€ 200.00	€ 300.00	€ 400.00
513.8	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal - Existing Virgin Media Chamber, install new FW3 JB4 Cover to proposed finished levels. Chamber Adjustment Exceeding 150mm but not exceeding 300mm.	no	€ 200.00	€ 300.00	€ 400.00
513.9	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal - 150 x 150mm Irish Water approved ductile iron sluice valve cover in grass, not exceeding 150mm	no	€ 50.00	€ 67.50	€ 85.00
514	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal - 150 x 150mm Irish Water approved ductile iron sluice valve cover in carriageway, not exceeding 150mm	no	€ 200.00	€ 300.00	€ 400.00
514.1	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal - 600mm diameter ductile iron storm sewer manhole cover in carriageway, not exceeding 150mm	no	€ 200.00	€ 300.00	€ 400.00
514.2	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Renewal - 975mm x 915mm Chamber Type JB4A – Eircom chamber cover in shared surface	no	€ 200.00	€ 300.00	€ 400.00
514.3	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing road gully cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing sluice valve cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.5	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing Fire hydrant cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.6	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing gully cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.7	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing inspection chamber cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.8	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing manhole cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
514.9	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Adjust existing inspection chamber cover and frame to suit proposed pavement surfacing in road	no	€ 200.00	€ 300.00	€ 400.00
515	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 450 x 300mm Irish Water approved ductile iron fire hydrant cover in footway, not exceeding 150mm	no	€ 128.00	€ 214.00	€ 300.00
515.1	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 150 x 150mm Irish Water approved ductile iron sluice valve cover in footway, not exceeding 150mm	no	€ 77.00	€ 188.50	€ 300.00
515.2	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 150mm diameter ductile iron sluice valve cover in footway, not exceeding 150mm	no	€ 77.00	€ 163.50	€ 250.00

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<b>Drainage and Service Ducts</b>						
515.3	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 150 x 150mm Irish Water approved water boundary box cover in footway, not exceeding 150mm	no	€ 77.00	€ 163.50	€ 250.00
515.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 600 x 600mm Irish Water approved watermain manhole cover in footway, not exceeding 150mm	no	€ 144.00	€ 222.00	€ 300.00
515.5	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 600mm diameter ductile iron foul sewer manhole cover in footway, not exceeding 150mm	no	€ 144.00	€ 222.00	€ 300.00
515.6	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 600mm diameter ductile iron storm sewer manhole cover in footway, not exceeding 150mm	no	€ 144.00	€ 222.00	€ 300.00
515.7	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 915mm x 445mm Chamber Type JB4 – Eircom chamber cover in footway	no	€ 144.00	€ 222.00	€ 300.00
515.8	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 975mm x 915mm Chamber Type JB4A – Eircom chamber cover in footway	no	€ 144.00	€ 222.00	€ 300.00
515.9	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 975mm x 915mm Chamber Type JB4A – Eircom chamber cover in carriageway	no	€ 144.00	€ 222.00	€ 300.00
516	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 975mm x 915mm Chamber Type JB4A – Eircom chamber cover in carriageway	no	€ 144.00	€ 222.00	€ 300.00
516.1	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 2030mm x 915mm Chamber Type JB4C – Eircom chamber cover in footway	no	€ 144.00	€ 350.50	€ 557.00
516.2	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 150 x 150mm ductile iron gas service cover, not exceeding 150mm, in carriageway	no	€ 144.00	€ 222.00	€ 300.00
516.3	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 350mm x 350mm Traffic chamber cover in carriageway	no	€ 144.00	€ 366.50	€ 589.00
516.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 350mm x 350mm Traffic chamber cover in footway	no	€ 122.00	€ 211.00	€ 300.00
516.5	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 600 X 600mm Unidentified service ductile iron manhole cover, not exceeding 150mm in footway	no	€ 144.00	€ 222.00	€ 300.00
516.6	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Raising or lowering of covers and gratings on existing chambers and gullies, 450 X 450mm Unidentified service ductile iron manhole cover, not exceeding 150mm in footway	no	€ 144.00	€ 222.00	€ 300.00
516.7	Renewal, raising or lowering covers and gratings on existing chambers and gullies	EIRCOM; Supply & Install Eircom chamber cover JB4 and frame to new finished level exceeding 150mm but not exceeding 300mm	no	€ 600.00	€ 625.00	€ 650.00
516.8	Renewal, raising or lowering covers and gratings on existing chambers and gullies	EIRCOM; Supply & Install Eircom chamber cover JB4A and frame to new finished level not exceeding 150mm	no	€ 700.00	€ 725.00	€ 750.00
516.9	Renewal, raising or lowering covers and gratings on existing chambers and gullies	EIRCOM; Supply & Install Eircom chamber cover JB4C and frame to new finished level not exceeding 150mm	no	€ 700.00	€ 725.00	€ 750.00
517	Renewal, raising or lowering covers and gratings on existing chambers and gullies	ESB; Supply & Install ESB chamber cover and frame to new finished level not exceeding 150mm	no	€ 850.00	€ 875.00	€ 900.00
517.1	Renewal, raising or lowering covers and gratings on existing chambers and gullies	GAS; Supply & Install Gas main cover to new finished level not exceeding 150mm	no	€ 200.00	€ 225.00	€ 250.00
517.2	Renewal, raising or lowering covers and gratings on existing chambers and gullies	TRAFFIC; Supply & Install RTP1 chamber cover and frame to new finished level not exceeding 150mm	no	€ 250.00	€ 325.00	€ 400.00
517.3	Renewal, raising or lowering covers and gratings on existing chambers and gullies	UPC Chamber; Supply & Install UPC chamber cover and frame to new finished level not exceeding 150mm	no	€ 125.00	€ 172.50	€ 220.00
517.4	Renewal, raising or lowering covers and gratings on existing chambers and gullies	Watermain; Supply & Install Hydrant cover and frame to new finished level not exceeding 150mm	no	€ 100.00	€ 150.00	€ 200.00
517.5	Concrete Protection	Excavation around and expose surface water pipework; 75mm diameter; depth to invert not exceeding 2m; surround in ST2 concrete; as per TII CC-SCD-00521 type Z	m	€ 35.00	€ 42.50	€ 50.00
517.6	Concrete Protection	Excavation around and expose foul sewer connection; 150mm diameter; depth to invert not exceeding 2m; surround in ST2 concrete; as per TII CC-SCD-00521 type Z	m	€ 35.00	€ 42.50	€ 50.00
517.7	Concrete Protection	Excavation around and expose watermain; 450mm diameter; depth to invert not exceeding 2m; surround in ST2 concrete; as per TII CC-SCD-00521 type Z	m	€ 65.00	€ 72.50	€ 80.00
517.8	Swale	Swale as per TII SCD CC-SCD-00525, Grassed swale, 3000mm wide x 300mm deep	m2	€ 8.00	€ 11.50	€ 15.00
517.9	Soakaway	Construct 5m (l) x 0.6m (w) x 2m (d) soakaway.	no	€ 750.00	€ 1,125.00	€ 1,500.00

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Ref	Series 600	Item Description	Unit	Lower	Median	Upper
<b>Earthworks</b>						
600.1	Excavation	Excavation of acceptable material Class 5A (Topsoil)	m3	€ 3.00	€ 14.00	€ 25.00
600.2	Excavation	Excavation of acceptable material excluding Class 5A in cutting and other excavation	m3	€ 3.00	€ 14.00	€ 25.00
600.3	Excavation	Excavation of unacceptable material Class U1 in cutting and other excavation	m3	€ 3.00	€ 14.00	€ 25.00
600.4	Excavation	Excavation of unacceptable material Class U1 clearing abandoned watercourses	m3	€ 10.00	€ 22.50	€ 35.00
600.5	Excavation	Excavation; unacceptable material Class U1; structural foundations; 0 metres to 3 metres in depth	m3	€ 10.00	€ 22.50	€ 35.00
600.6	Excavation	Excavation of unacceptable material Class U2 in cutting and other excavation	m3	€ 3.00	€ 14.00	€ 25.00
600.7	Excavation	Hand Excavation of acceptable material excluding class 5A	m3	€ 50.00	€ 62.50	€ 75.00
600.8	Excavation	Excavation in Hard Material	m3	€ 17.00	€ 33.50	€ 50.00
600.9	Processing of Unacceptable Material Class U1	Processing of unacceptable material Class U1 into Class 1C	m3	€ 2.00	€ 3.00	€ 4.00
601	Processing of Unacceptable Material Class U1	Processing of unacceptable material Class U1 into Class 4	m3	€ 2.00	€ 3.00	€ 4.00
601.1	Disposal off site	Disposal of Class 5A material off site	m3	€ 20.00	€ 35.00	€ 50.00
601.2	Disposal off site	Disposal of unacceptable material Class U1 off site	m3	€ 20.00	€ 35.00	€ 50.00
601.3	Disposal off site	Disposal of unacceptable material Class U2 off site (contaminated material)	m3	€ 250.00	€ 350.00	€ 450.00
601.4	Disposal off site	Disposal of Hard Material off site	m3	€ 20.00	€ 35.00	€ 50.00
601.5	Imported Fill	Imported acceptable material, Class 6N, in fill to structures	m3	€ 38.00	€ 44.00	€ 50.00
601.6	Imported Fill	Imported acceptable material Class 6F2	m3	€ 26.00	€ 35.50	€ 45.00
601.7	Imported Fill	Imported topsoil Class 5B	m3	€ 21.00	€ 40.00	€ 59.00
601.8	Imported Fill	Imported Clause 804 material	m3	€ 25.00	€ 40.00	€ 55.00
601.9	Imported Fill	Imported Fill; Imported acceptable material; Class 6N fill, Fill above structural concrete foundations	m3	€ 20.00	€ 37.50	€ 55.00
602	Imported Fill	Imported acceptable material fill - Structural Tree Soil - Landscaped areas and screening mounds	m3	€ 35.00	€ 50.00	€ 65.00
602.1	Imported Fill	Import acceptable material fill - Aeration Layer Soil - Landscaped areas and screening mounds	m3	€ 35.00	€ 50.00	€ 65.00
602.2	Imported Fill	Import acceptable material fill - Planting Soil - Landscaped areas and screening mounds	m3	€ 35.00	€ 50.00	€ 65.00
602.3	Imported Fill	Import acceptable material fill - Bioretention Soil - Landscaped areas and screening mounds	m3	€ 35.00	€ 50.00	€ 65.00
602.4	Imported Fill	Imported acceptable material puddle clay	m3	€ 80.00	€ 110.00	€ 140.00
602.5	Imported Fill	Imported Class 2C material for flood protection works	m3	€ 35.00	€ 45.00	€ 55.00
602.6	Imported Fill	Imported Class 1B deep stone rip-rap; 150mm deep; along river sides and bed to 2m beyond upstream end of existing culvert	m3	€ 50.00	€ 64.50	€ 79.00
602.7	Processing of Unacceptable Material Class U1	Lime Stabilisation; 1.5% lime content	m3	€ 35.00	€ 40.00	€ 45.00
602.8	Deposition of Fill	Deposition of acceptable material in Embankments and other areas of fill	m3	€ 7.50	€ 13.75	€ 20.00
602.9	Deposition of Fill	Deposition of acceptable material Class 4 in landscape areas	m3	€ 7.50	€ 13.75	€ 20.00
603	Compaction of Fill	Compaction of Acceptable material	m3	€ 2.00	€ 3.50	€ 5.00
603.1	Compaction of Fill	Compaction of acceptable material in fill to structures	m3	€ 3.00	€ 5.50	€ 8.00
603.2	Compaction of Fill	Compaction of Fill, acceptable material, fill above structural concrete foundations	m3	€ 1.00	€ 3.00	€ 5.00
603.3	Compaction of Fill	Compaction of class 6F1/2 capping material fill in embankments and other areas of fill	m3	€ 4.00	€ 6.00	€ 8.00
603.4	Geotextiles	Geotextiles separator layer	m2	€ 1.00	€ 1.50	€ 2.00
603.5	Geotextiles	Geotextile - Tensar Glasstex P100	m2	€ 4.00	€ 7.00	€ 10.00
603.6	Geotextiles	Geotextile - Thrace PB1000/S8NW	m2	€ 1.00	€ 2.50	€ 4.00
603.7	Geotextiles	Root barrier membrane approved example product ReRoot 1000	m2	€ 15.00	€ 23.50	€ 32.00
603.8	Geotextiles	Geotextile Terram T100 (or similar approved)	m2	€ 1.00	€ 1.50	€ 2.00
603.9	Geotextiles	HDPE impermeable geomembrane lining 2mm (or approved equivalent)	m2	€ 1.00	€ 2.25	€ 3.50

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Ref	Series 600	Item Description	Unit	Lower	Median	Upper
<b>Earthworks</b>						
604	Geotextiles	Tensar Geocell 22/20 reinforcing geogrid for paving type N or similar approved	m2	€ 2.50	€ 6.25	€ 10.00
604.1	Geotextiles	Tensar Geocell 25/10 reinforcing geogrid under paving type G or similar approved	m2	€ 2.50	€ 6.25	€ 10.00
604.2	Geotextiles	Tensar Geocell 35/10 reinforcing geogrid in landscape areas or similar approved	m2	€ 2.50	€ 7.25	€ 12.00
604.3	Geotextiles	Asphalt reinforcement grid	m2	€ 7.00	€ 11.00	€ 15.00
604.4	Soft Spots and Other Voids	Excavation of soft spots and other voids, Below cuttings or under embankments	m3	€ 8.00	€ 16.50	€ 25.00
604.5	Soft Spots and Other Voids	Filling of soft spots and other voids; below cuttings or under embankments; granular fill material Class 6A	m3	€ 26.00	€ 33.00	€ 40.00
604.6	Soft Spots and Other Voids	Filling of soft spots and other voids below cuttings or under embankments with acceptable material	m3	€ 26.00	€ 33.00	€ 40.00
604.7	Soft Spots and Other Voids	Filling of soft spots and other voids - below cuttings or under embankments - Clause 808 Granular Material Type B	m3	€ 26.00	€ 33.00	€ 40.00
604.8	Soft Spots and Other Voids	Filling of soft spots and other voids, Below structural foundations and foundations for corrugated steel buried structures, C8/10 concrete fill	m3	€ 80.00	€ 100.00	€ 120.00
604.9	Removal and disposal of Disused Services below cuttings or under embankments	Removal of disused CCTV duct internal diameter 100mm with one metre or less of cover to formation level	m	€ 5.00	€ 10.00	€ 15.00
605	Removal and disposal of Disused Services below cuttings or under embankments	Removal of disused Public Lighting duct internal diameter 100mm with one metre or less of cover to formation level	m	€ 5.00	€ 10.00	€ 15.00
605.1	Removal and disposal of Disused Services below cuttings or under embankments	Removal of disused Gas main external diameter 300mm with one metre or less of cover to formation level	m	€ 5.00	€ 10.00	€ 15.00
605.2	Removal and disposal of Disused Services below cuttings or under embankments	Backfilling of disused gullies with in situ concrete mix ST2	no	€ 15.00	€ 22.50	€ 30.00
605.3	Backfilling Disused Services, Basements, Cellars and the like and Gullies	Backfill existing public lighting column foundations with clause 808, exceeding 1m but not exceeding 2m of cover to foundation	m3	€ 35.00	€ 55.00	€ 75.00
605.4	Backfilling Disused Services, Basements, Cellars and the like and Gullies	Backfill existing inspection chambers with Clause 808, within 1m or less of cover to formation	no	€ 35.00	€ 55.00	€ 75.00
605.5	Backfilling Disused Services, Basements, Cellars and the like and Gullies	Backfill existing drainage manholes with clause 808 Type J, exceeding 1 metre and not exceeding 2m	no	€ 35.00	€ 55.00	€ 75.00
605.6	Backfilling Disused Services, Basements, Cellars and the like and Gullies	Backfill existing drainage manholes with clause 808 Type J, exceeding 2 metre and not exceeding 3m	no	€ 35.00	€ 55.00	€ 75.00
605.7	Backfilling Disused Services, Basements, Cellars and the like and Gullies	Backfill existing gullies with CBGM Type B Grade C10	no	€ 35.00	€ 55.00	€ 75.00
605.8	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Drainage Chamber	no	€ 275.00	€ 312.50	€ 350.00
605.9	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused BT Chamber	no	€ 275.00	€ 312.50	€ 350.00
606	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused COLT Chamber	no	€ 275.00	€ 312.50	€ 350.00
606.1	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused EIR Chamber	no	€ 358.00	€ 379.00	€ 400.00
606.2	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused Virgin Media Chamber	no	€ 358.00	€ 379.00	€ 400.00
606.3	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused Vodafone Chamber	no	€ 358.00	€ 379.00	€ 400.00
606.4	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused DCC Chamber	no	€ 219.00	€ 259.50	€ 300.00
606.5	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal - Disused ESB Chamber	no	€ 358.00	€ 379.00	€ 400.00
606.6	Removal of Disused Sewers, Drains, Services, Manholes, Chambers and Gullies	Removal of disused gullies	no	€ 36.00	€ 43.00	€ 50.00
606.7	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 225mm surface water sewer exceeding 1m but not exceeding 2m of cover to formation	m	€ 25.00	€ 32.00	€ 39.00
606.8	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 225mm surface water sewer exceeding 2m but not exceeding 3m of cover to formation	m	€ 25.00	€ 31.50	€ 38.00

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Ref	Series 600	Item Description	Unit	Lower	Median	Upper
<b>Earthworks</b>						
606.9	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 300mm surface water sewer exceeding 1m but not exceeding 2m of cover to formation	m	€ 25.00	€ 34.50	€ 44.00
607	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 300mm surface water sewer exceeding 2m but not exceeding 3m of cover to formation	m	€ 25.00	€ 32.00	€ 39.00
607.1	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 375mm surface water sewer exceeding 1m but not exceeding 2m of cover to formation	m	€ 25.00	€ 33.00	€ 41.00
607.2	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 375mm surface water sewer exceeding 2m but not exceeding 3m of cover to formation	m	€ 25.00	€ 33.00	€ 41.00
607.3	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 100mm watermain exceeding 1m but not exceeding 2m of cover to formation	m	€ 25.00	€ 27.00	€ 29.00
607.4	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, 2-way traffic ducting not exceeding 1m	m	€ 25.00	€ 25.50	€ 26.00
607.5	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, 4-way traffic ducting not exceeding 1m	m	€ 25.00	€ 25.50	€ 26.00
607.6	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 100mm 6-way eircom ducting, not exceeding 1m	m	€ 25.00	€ 30.00	€ 35.00
607.7	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 100mm 8-way eircom ducting, not exceeding 1m	m	€ 25.00	€ 33.50	€ 42.00
607.8	Disused Sewers, Drains, Cables, Ducts, Pipelines and the like occurring at Formation or Sub-formation level; Disused Basements, Cellars and the like and gullies	Removal of disused services below cuttings or under embankments, existing 180mm gas main width 1m or less of cover to formation	m	€ 25.00	€ 24.50	€ 24.00
607.9	Topsoiling and Storage of Topsoil	Topsoiling 100mm Surfaces sloping at more than 10 degrees to the horizontal	m2	€ 2.00	€ 4.50	€ 7.00
608	Topsoiling and Storage of Topsoil	Topsoiling 200mm, surface sloping 10 degrees or less	m2	€ 2.00	€ 5.00	€ 8.00
608.1	Topsoiling and Storage of Topsoil	Topsoiling 300mm Surfaces sloping at 10 degrees or less to the horizontal	m2	€ 6.00	€ 8.00	€ 10.00
608.2	Topsoiling and Storage of Topsoil	Topsoiling 300mm Surfaces sloping at more than 10 degrees to the horizontal	m2	€ 8.00	€ 11.50	€ 15.00
608.3	Topsoiling and Storage of Topsoil	Topsoiling 450mm thick to surface sloping at 10 degrees or less to the horizontal	m2	€ 6.00	€ 9.00	€ 12.00
608.4	Topsoiling and Storage of Topsoil	75mm thick bark chip	m2	€ 6.00	€ 9.00	€ 12.00
608.5	Grass Seeding and Turfing	Grass seeding, Surfaces sloping at more than 10 degrees to the horizontal	m2	€ 2.00	€ 3.00	€ 4.00
608.6	Grass Seeding and Turfing	Grass seeding, Surfaces sloping at 10 degrees or less to the horizontal	m2	€ 1.00	€ 2.00	€ 3.00
608.7	Grass Seeding and Turfing	Hydraulic mulch grass seeding, Surfaces sloping at 10 degrees or less to the horizontal	m2	€ 10.00	€ 12.50	€ 15.00
608.8	Completion of Formation and Sub-Formation	Completion of sub-formation, On acceptable material	m2	€ 0.50	€ 1.00	€ 1.50
608.9	Completion of Formation and Sub-Formation	Completion of formation, On acceptable material	m2	€ 0.50	€ 1.00	€ 1.50
609	Breaking up and Perforation of Redundant Pavements	Breaking up redundant pavement, macadam surfacing 200-300mm deep	m2	€ 8.00	€ 11.50	€ 15.00
609.1	Trial Pits	Trial pits, 0 to 3 metres in depth	no	€ 65.00	€ 84.50	€ 104.00
609.2	Trial Pits	Trial pits 2 to 4 metres in depth	no	€ 104.00	€ 137.50	€ 171.00
609.3	Tree Pits	Tree pits, included trees, in island planter areas	no	€ 640.00	€ 640.00	€ 640.00
609.4	Tree Pits	Tree pits, including trees, in hard landscape areas	no	€ 769.00	€ 769.00	€ 769.00
609.5	Tree Pits	Tree pits, including specimen trees, in soft landscape areas	no	€ 640.00	€ 640.00	€ 640.00
609.6	Tree Pits	Tree pits, including trees, in soft landscape areas	no	€ 640.00	€ 640.00	€ 640.00
609.7	Testing	Carry out CBR testing in trial pits	no	€ 64.00	€ 149.50	€ 235.00



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Ref	Series 600	Item Description	Unit	Lower	Median	Upper
	<b>Earthworks</b>					
609.8	Slewing Existing Services	Slewing 8-way ducts by 500mm, depth to invert less than 2m	m	€ 100.00	€ 130.00	€ 160.00
609.9	Slewing Existing Services	Slewing 6-way ducts by 500mm, depth to invert less than 2m	m	€ 80.00	€ 100.00	€ 120.00
610	Slewing Existing Services	Slewing 4-way ducts by 500mm, depth to invert less than 2m	m	€ 40.00	€ 50.00	€ 60.00
610.1	Slewing Existing Services	Slewing 2-way ducts by 500mm, depth to invert less than 2m	m	€ 25.00	€ 37.50	€ 50.00

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Ref	Series 700	Item Description	Unit	Lower	Median	Upper
<b>Pavements</b>						
700.1	Sub-Base	Granular Sub-base Type B to Clause 808, 150mm in Permitted Pavement, in carriageway	m3	€ 35.00	€ 45.00	€ 55.00
700.2	Sub-Base	Granular Sub-base Type B to Clause 808, 150mm in Permitted Pavement, Bus Stop	m3	€ 40.00	€ 50.00	€ 60.00
700.3	Sub-Base	Granular Sub-base Type B to Clause 808, 150mm in Permitted Pavement, at access	m3	€ 40.00	€ 50.00	€ 60.00
700.4	Sub-Base	Granular Sub-base Type B to Clause 804 and Clause 808, 150mm in Permitted Pavement, in car park and driveways	m3	€ 50.00	€ 62.50	€ 75.00
700.5	Sub-Base	Granular Sub-base Type B to Clause 804, sub-base in carriageway, 300m thickness	m3	€ 35.00	€ 45.00	€ 55.00
700.6	Sub-Base	Cement Bound granular sub base type B, grade C10, 100mm thick	m3	€ 100.00	€ 115.00	€ 130.00
700.7	Sub-Base	Concrete Sub-base; Lean Mix; 400mm thick in carriageway, hard shoulder and hard strip	m3	€ 175.00	€ 262.50	€ 350.00
700.8	Sub-Base	Concrete Sub-base; Lean Mix; 400mm thick in carriageway, hard shoulder and hard strip, new kerb infill	m3	€ 200.00	€ 275.00	€ 350.00
700.9	Base Course	AC 32 Dense base 40/60 recipe mix; 100mm thick in carriageway, hard shoulder and hard strip	m2	€ 35.00	€ 40.00	€ 45.00
701	Base Course	AC32 dense base 40/60 des, 110mm thick, in carriageway, hard shoulder and hard strip	m2	€ 22.00	€ 26.00	€ 30.00
701.1	Base Course	AC32 Dense base 70/100 des, 165mm thick in carriageway, hard-shoulder and hard-strip	m2	€ 30.00	€ 37.50	€ 45.00
701.2	Base Course	AC 32 Dense base 40/60 des, 250mm thick in carriageway, hard-shoulder and hard-strip	m2	€ 45.00	€ 51.50	€ 58.00
701.3	Base Course	AC20 Dense base 40/60 des, 80mm thick in carriageway, hard-shoulder and hard-strip	m2	€ 18.00	€ 21.50	€ 25.00
701.4	Pavement	AC20 Dense binder 40/60 des, 55mm thick in carriageway, hard-shoulder and hard-strip	m2	€ 13.00	€ 15.50	€ 18.00
701.5	Binder Course	AC 20 Dense binder 40/60 des, 65mm thick in carriageway, hard shoulder and hard strip	m2	€ 14.00	€ 16.00	€ 18.00
701.6	Binder Course	AC 20 Dense binder 40/60 des, 80mm thick in carriageway, hard shoulder and hard strip	m2	€ 18.00	€ 21.50	€ 25.00
701.7	Surface Course	AC10 surf 70/100 des; PSV 65, 30mm thick; in carriageway, hard shoulder and hard strip	m2	€ 8.00	€ 10.50	€ 13.00
701.8	Surface Course	SMA 10 surfPMB 65/105-60 des PSV65, 35mm thick, in carriageway, in hard shoulder and hard strip	m2	€ 11.00	€ 12.50	€ 14.00
701.9	Surface Course	SMA 14 surfPMB 65/105-60 des PSV 60, 45mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 12.00	€ 15.00	€ 18.00
702	Surface Course	SMA 14 surfPMB 65/105-60 des PSV 60, 40mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 12.00	€ 15.00	€ 18.00
702.1	Surface Course	HRA 50/14F Surf 40/60 des PSV 60, 50mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 12.00	€ 16.50	€ 21.00
702.2	Surface Course	Pavement, Surface Course, HRA 30/14 F surf 40/60 des; 45mm thick in carriageway, hard shoulder and hard strip	m2	€ 12.00	€ 16.50	€ 21.00
702.3	Surface Course	SMA RED: 6 SURF PMB 65/105-60 DES Surface Course, Depth 25mm (cycle tracks)	m2	€ 40.00	€ 45.00	€ 50.00
702.4	Surface Course	SMA 6 BEIGE DURACOLOUR PBM 65/105-60 des, 35mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 45.00	€ 50.00	€ 55.00
702.5	Surface Course	SMA 6 RED PBM 65/105-60 des, 25mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 45.00	€ 50.00	€ 55.00
702.6	Pavement	SMA 14 sur PMB 65/105-60 des, PSV 68, 40mm thick Maximum AAV - 16; in carriageway, hard-shoulder and hard strip	m2	€ 16.00	€ 19.50	€ 23.00
702.7	Regulating	SMA 10 bin 40/60 des; in carriageway hard shoulders and hard-strip	m2	€ 120.00	€ 150.00	€ 180.00
702.8	Regulating	AC32 40/60 des; in carriageway hard shoulders and hard-strip	m2	€ 120.00	€ 150.00	€ 180.00
702.9	Surface Treatment	Rocbina 2 (or similar approved), polyurethane resin red in colour, PSV 70+ skid resistance of calcined bauxite with a 1.6kg/m2 rate of spread	m2	€ 45.00	€ 55.00	€ 65.00
703	Surface Treatment	"Truegrip" (or similar approved) for Bus Stop	m2	€ 20.00	€ 25.00	€ 30.00
703.1	Surface Treatment	Stirling Lloyd Bridgemaster surface finish to surface of steel bridge deck	m2	€ 60.00	€ 80.00	€ 100.00
703.2	Surface Treatment	Cold Applied Buff Colour, PSV 65+ ; in carriageway, hard-shoulder and hard strip	m2	€ 35.00	€ 42.50	€ 50.00

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Ref	Series 700	Item Description	Unit	Lower	Median	Upper
	<b>Pavements</b>					
703.3	Surface Treatment	High Friction Surfacing; in carriageway, hard-shoulder and hard strip	m2	€ 35.00	€ 40.00	€ 45.00
703.4	Bond Coat	Bond Coat; K1-40 Cold Applied Emulsion	m2	€ 1.00	€ 1.50	€ 2.00
703.5	Block Paving	Grasscrete formers type GC2SC; 150mm thick; in field/maintenance access	m2	€ 40.00	€ 52.50	€ 65.00
703.6	Block Paving	Paving blocks 160mm x 160mm x 80mm thick, Ultra Crete M60 Bedding Mortar; in carriageway, hard-shoulder and hard strip	m2	€ 50.00	€ 57.50	€ 65.00
703.7	Concrete Pavement	Reinforced Concrete Grade C50, 250mm, A393 Mesh Top and Bottom, brush finish, in carriageway, hard-shoulder and hard strip	m2	€ 45.00	€ 63.00	€ 81.00
703.8	Concrete Pavement	ST4 Mix Concrete; 300mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 40.00	€ 60.00	€ 80.00
703.9	Concrete Pavement	ST4 Mix Concrete; 125mm thick; in carriageway, hard-shoulder and hard strip	m2	€ 35.00	€ 47.50	€ 60.00
704	Cold-Milling	50mm thick	m2	€ 1.00	€ 3.50	€ 6.00
704.1	Cold-Milling	100mm deep	m2	€ 2.00	€ 4.50	€ 7.00
704.2	Cold-Milling	250mm deep	m2	€ 2.00	€ 6.50	€ 11.00
704.3	Saw Cuts	Longitudinal saw cuts and joints	m	€ 2.00	€ 3.50	€ 5.00
704.4	Geotextiles	Asphalt reinforcement grid; in carriageway, hard-shoulder and hard strip	m2	€ 8.00	€ 11.50	€ 15.00

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Ref	Series 1100	Item Description	Unit	Lower	Median	Upper
<b>Kerbs, Footways and Paved Areas</b>						
1100.1	Granite Kerbs	Road Kerb; Leinster Granite with Edge Constraint Beam foundation; straight or curved exceeding 12 metre radius	m	€ 180.00	€ 215.00	€ 250.00
1100.2	Granite Kerbs	Road Kerb; Leinster Granite straight or curved exceeding 12 metre radius	m	€ 150.00	€ 193.00	€ 236.00
1100.3	Granite Kerbs	Road Kerb; Iberian Granite with Edge Constraint Beam foundation; straight or curved exceeding 12 metre radius	m	€ 125.00	€ 139.00	€ 153.00
1100.4	Granite Kerbs	Road Kerb; Iberian Granite; straight or curved exceeding 12 metre radius	m	€ 120.00	€ 150.00	€ 180.00
1100.5	Granite Kerbs	Transition Kerb; Leinster Granite; straight or curved exceeding 12 metre radius	m	€ 150.00	€ 193.00	€ 236.00
1100.6	Granite Kerbs	Transition kerb; Iberian Granite; straight or curved exceeding 12 metre radius	m	€ 120.00	€ 130.00	€ 140.00
1100.7	Granite Kerbs	Road Kerb; 'Gris Alvo' Portuguese Granite or equal approved; silver grey; 6mm upstand; drop kerb; straight or curved exceeding 12m radius	m	€ 100.00	€ 125.00	€ 150.00
1100.8	Granite Kerbs	Road Kerb; 'Gris Alvo' Portuguese Granite or equal approved; silver grey; 6mm upstand; drop kerb; curved not exceeding 12m radius	m	€ 100.00	€ 125.00	€ 150.00
1100.9	Granite Kerbs	Road Kerb; 'Gris Alvo' Portuguese Granite or equal approved; silver grey; 160mm upstand; accessible kerb; straight or curved exceeding 12m radius	m	€ 100.00	€ 125.00	€ 150.00
1101	Granite Kerbs	Road Kerb; 'Gris Alvo' Portuguese Granite or equal approved; silver grey; 125mm upstand; straight or curved exceeding 12m radius	m	€ 100.00	€ 125.00	€ 150.00
1101.1	Granite Kerbs	Road Kerb; 'Gris Alvo' Portuguese Granite or equal approved; silver grey; 125mm upstand; curved not exceeding 12m radius	m	€ 100.00	€ 125.00	€ 150.00
1101.2	Kerbs	Kerbs; Natural stone kerb 895x300x300mm Kilkenny Limestone with flamed finish and 20mm bullnose, 0-6mm upstand; straight or curved exceeding 12m radius	m	€ 150.00	€ 175.00	€ 200.00
1101.3	Kerbs	Kerbs; Natural stone kerb 895x300x300mm Kilkenny Limestone with flamed finish and 20mm bullnose, 25mm upstand; straight or curved exceeding 12m radius	m	€ 150.00	€ 175.00	€ 200.00
1101.4	Kerbs	Kerbs; Natural stone kerb 895x300x300mm Kilkenny Limestone with flamed finish and 20mm bullnose, 125mm upstand; straight or curved exceeding 12m radius	m	€ 150.00	€ 175.00	€ 200.00
1101.5	Precast Kerbs	Kerbing; Precast Concrete; 6mm upstand; drop kerb; straight or curved exceeding 12m radius	m	€ 21.00	€ 25.50	€ 30.00
1101.6	Precast Kerbs	Kerbing; Precast Concrete; 6mm upstand; drop kerb; curved not exceeding 12m radius	m	€ 21.00	€ 25.50	€ 30.00
1101.7	Precast Kerbs	Kerbing; Precast Concrete; 25mm upstand; drop kerb; straight or curved exceeding 12m radius	m	€ 21.00	€ 25.50	€ 30.00
1101.8	Precast Kerbs	Kerbing; Precast Concrete; 125mm upstand; curved not exceeding 12m radius	m	€ 21.00	€ 25.50	€ 30.00
1101.9	Precast Kerbs	Kerbing; Precast Concrete; 125mm upstand; straight or curved exceeding 12m radius	m	€ 21.00	€ 27.50	€ 34.00
1102	Precast Kerbs	Kerbing; Precast Concrete; 50mm upstand; straight or curved exceeding 12m radius	m	€ 15.00	€ 20.00	€ 25.00
1102.1	Precast Kerbs	Kerbing; Precast Concrete; 75mm upstand; straight or curved exceeding 12m radius	m	€ 15.00	€ 20.00	€ 25.00
1102.2	In Situ Kerbs	Kerbs; In situ Concrete; straight or curved exceeding 12 metre radius	m	€ 24.00	€ 29.50	€ 35.00
1102.3	In Situ Kerbs	Kerbs; In situ Concrete with Edge Constraint Beam foundation; straight or curved exceeding 12 metre radius	m	€ 25.00	€ 32.50	€ 40.00
1102.4	In Situ Kerbs	Kerbs; Concrete Slip formed Kerb	m	€ 20.00	€ 25.00	€ 30.00
1102.5	In Situ Kerbs	Kerbs; Concrete Slip formed Kerb with 60mm upstand	m	€ 20.00	€ 25.00	€ 30.00
1102.6	Kerbs	Tanalised timber edge support; 50mm x 100mm; straight or curved exceeding 12m radius	m	€ 7.00	€ 13.50	€ 20.00
1102.7	Kerbs	Tanalised timber edge support; 50mm x 100mm; curved not exceeding 12m radius	m	€ 7.00	€ 13.50	€ 20.00
1102.8	Kerbs	Kerbs; Timber edging; 150mm high	m	€ 12.00	€ 18.50	€ 25.00
1102.9	Kerbs	Kerbing; Steel edging; 150mm high	m	€ 25.00	€ 37.50	€ 50.00
1103	Bus Kerbs	Kassel Bus Stop Kerbs at bus stops; Kerbs to be placed on a bed of concrete 662mm wide by 150mm deep haunch to the front and back of the kerb	m	€ 200.00	€ 250.00	€ 300.00
1103.1	Kerbs	Additional Concrete ST4 Mix; To kerbs	m3	€ 133.00	€ 151.50	€ 170.00

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Ref	Series 1100	Item Description	Unit	Lower	Median	Upper
<b>Kerbs, Footways and Paved Areas</b>						
1103.2	Remove from Store and Relay Kerbs	Remove from Store and relay kerbs - Granite Kerbs straight or curved exceeding 12 metre radius	m	€ 60.00	€ 70.00	€ 80.00
1103.3	Kerb Drainage	Combined drainage and kerb; straight or curved exceeding 12m radius	m	€ 60.00	€ 84.50	€ 109.00
1103.4	Linear Drainage Channels	Channels - Leinster Granite; straight or curved exceeding 12 metre radius	m	€ 100.00	€ 125.00	€ 150.00
1103.5	Linear Drainage Channels	Channels - Leinster Granite; curved not exceeding 12 metre radius	m	€ 125.00	€ 150.00	€ 175.00
1103.6	Linear Drainage Channels	Channels - Iberian Granite; straight or curved exceeding 12 metre radius	m	€ 100.00	€ 125.00	€ 150.00
1103.7	Linear Drainage Channels	Additional Concrete ST4 Mix; To channels	m3	€ 133.00	€ 151.50	€ 170.00
1103.8	Footways and Paved Areas	Footways, 100mm thick concrete C30 unreinforced, as per CC-SCD-01105 on 100mm to 300mm clause 804 type B sub-base, surfaces sloping at ten degrees or less to the horizontal as per specification	m2	€ 20.00	€ 27.50	€ 35.00
1103.9	Footways and Paved Areas	Footways, concrete vehicular access, 150mm thick concrete class C30 reinforced with mesh as per CC-SCD-01103, on 100/100mm to 300mm clause 804 type B sub-base, surfaces sloping at ten degrees or less to the horizontal	m2	€ 20.00	€ 30.00	€ 40.00
1104	Footways and Paved Areas	Paved areas, bituminous shared surface, 50mm thick surface course to clause 1105 AC 10 open surf 70/100 des, on 150mm thick sub-base clause 804 type B granular material, surfaces sloping at ten degrees or less to the horizontal, as per specification	m2	€ 15.00	€ 22.50	€ 30.00
1104.1	Footways and Paved Areas	Paved areas, traffic island, 125mm thick surface course to clause 1106, in-situ, concrete, Grade C30, as per CC-SCD-01107, minimum 150mm thick sub-base clause 804 type B granular material as per CC-SCD-01107, surfaces sloping at ten degrees or less to the horizontal as per specifications	m2	€ 90.00	€ 107.50	€ 125.00
1104.2	Footways and Paved Areas	Paved areas, cycle ramps, 25mm thick surface course to clause 3.1.13 AC 10 open surf 70/100 des, on 150mm to 200mm thick sub-base clause 804 Type B granular material, surfaces sloping at ten degrees or less to the horizontal as per specifications	m2	€ 15.00	€ 22.50	€ 30.00
1104.3	Footways and Paved Areas	Paved areas, tactile paving, 400 x 400 x 65 concrete, blister surface, coloured buff, to CC-SCD-01103, laid on minimum 30mm maximum 70mm fibre reinforced semi-dry concrete containing Forta-fibre polypropylene fibres or other approved fibre reinforcement at a rate of 0.9kg/m3, minimum bedding compressive strength 35N/mm2, on 150mm Clause 804 Type B, surfaces sloping at ten degrees or less to the horizontal	m2	€ 85.00	€ 117.50	€ 150.00
1104.4	Footways and Paved Areas	Paved areas, tactile paving, 400 x 400 x 65 concrete, blister surface, coloured red to CC-SCD-01103, laid on minimum 30mm maximum 70mm fibre reinforced semi-dry concrete containing Forta-fibre polypropylene fibres or other approved fibre reinforcement at a rate of 0.9kg/m3, minimum bedding compressive strength 35N/mm2, on 150mm Clause 804 Type B, surfaces sloping at ten degrees or less to the horizontal	m2	€ 85.00	€ 117.50	€ 150.00
1104.5	Footways and Paved Areas	Paved areas, 50mm thick 400mm x 400mm hunters Hill Yorkstone Tactile blister Paving or similar approved on 30mm bedding mortar type B laying course on 100mm concrete class C8/10 (gen 1) in accordance with EN 206-1 on 100mm Type B sub base to clause 804	m2	€ 175.00	€ 212.50	€ 250.00
1104.6	Footways and Paved Areas	Paved areas, no dig footway solution, 50mm thick surface course to clause 1105 AC 10 open surf 70/100 des, on 150mm thick sub-base clause 804 Type B granular material, 75mm thick Geogrid Cellweb product or equivalent as per manufacturer's instructions, surfaces sloping at ten degrees or less to the horizontal as per specifications	m2	€ 40.00	€ 57.50	€ 75.00
1104.7	Footways and Paved Areas	Granite Paving Slabs; 600 x 600 x 50mm deep; Surfaces at 10° or less to the horizontal	m2	€ 150.00	€ 200.00	€ 250.00
1104.8	Footways and Paved Areas	Trafficked Granite Paving Slabs; 600 x 600 x 50mm deep; Surfaces at 10° or less to the horizontal	m2	€ 150.00	€ 200.00	€ 250.00
1104.9	Footways and Paved Areas	Granite Setts; 100mm x 100mm x 80mm deep; Surfaces at 10° or less to the horizontal	m2	€ 150.00	€ 200.00	€ 250.00
1105	Footways and Paved Areas	Trafficked Granite Setts; 100mm x 100mm x 80mm deep; Surfaces at 10° or less to the horizontal	m2	€ 150.00	€ 200.00	€ 250.00
1105.1	Footways and Paved Area	Cycleway; surfaces sloping at 10° or less to the horizontal, 150mm thick granular material Type B sub base; 60mm thick AC20 HDM bin 40/60 des binder course; 40mm thick AC6 dense surf 70/100 des surface course	m2	€ 35.00	€ 45.00	€ 55.00
1105.2	Footways and Paved Areas	Cycleway; 40mm AC10 dense Surf 40/60 on 60mm AC20 Dense Base 40/60 rec on, 200mm Subbase (Clause 804)	m2	€ 25.00	€ 32.50	€ 40.00
1105.3	Footways and Paved Areas	Cycleway; 30mm thick SMA 14 surf PMB 65/105-60 des Minimum PSV - 60; 50mm thick Asphalt Concrete Binder Course AC 20 dense bin 40/60 des	m2	€ 25.00	€ 30.00	€ 35.00
1105.4	Footways and Paved Area	Footways/Cycleways; surfaces sloping at 10° or less to the horizontal; 150mm thick granular material Type B sub base; 60mm thick AC20 HDM bin 40/60 des binder course; 40mm thick AC6 dense surf 70/100 des surface course	m2	€ 35.00	€ 45.00	€ 55.00

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<b>Kerbs, Footways and Paved Areas</b>						
1105.5	Footways and Paved Area	Footway; surfaces sloping at 10° or less to the horizontal; 150mm thick clause 804 sub base; 100mm thick concrete slab; grade C40N20; 1 layer of A393 reinforcing mesh	m2	€ 35.00	€ 45.00	€ 55.00
1105.6	Footways and Paved Area	Footway; 25mm SMA 6 bin PMB 65/105-60 des on 50mm AC20 dense bin to 40/60 des on 150mm subbase granular fill to clause 808	m2	€ 25.00	€ 32.50	€ 40.00
1105.7	Footways and Paved Areas	Footway; 40mm AC10 dense Surf 40/60 on 60mm AC20 Dense Base 40/60 rec on, 200mm Subbase (Clause 804)	m2	€ 25.00	€ 32.50	€ 40.00
1105.8	Footways and Paved Areas	Footway; 100mm C40/50 D20 SL30% GGBS Concrete on 150mm Clause 804 material	m2	€ 25.00	€ 30.00	€ 35.00
1105.9	Footways and Paved Areas	Footway; Self Binding Gravel; Surfaces at 10° or less to the horizontal	m2	€ 20.00	€ 30.00	€ 40.00
1106	Footways and Paved Area	Shared surface; 30mm thick Asphalt Concrete Surface Course AC 10 close surf 70/100 des over 50mm thick Asphalt Concrete Binder Course AC 20 dense bin 40/60 des over 150mm thick Clause 804 & 808 sub-base	m2	€ 32.00	€ 38.00	€ 44.00
1106.1	Footways and Paved Area	Shared surface; 150mm C32/40 concrete slab with granite aggregate, with 2No. layers of A252 mesh on polythene separating membrane on 150mm subbase, granular fill to Cl 808	m2	€ 90.00	€ 120.00	€ 150.00
1106.2	Footways and Paved Area	Bond Coat	m2	€ 1.00	€ 1.50	€ 2.00
1106.3	Footways and Paved Area	Sub-base; Clause 804 granular material, 150mm thick, laid and compacted	m3	€ 35.00	€ 47.00	€ 59.00
1106.4	Footways and Paved Area	Blinder Course; AC 20 dese bin 40/60; 55m thick	m2	€ 10.00	€ 15.00	€ 20.00
1106.5	Footways and Paved Area	Surface Course; AC 6 dense surf 70/100; 20mm thick	m2	€ 10.00	€ 15.00	€ 20.00
1106.6	Footways and Paved Area	AC10 close surf 160/220; 50mm thick	m2	€ 8.00	€ 13.00	€ 18.00
1106.7	Footways and Paved Areas	Precast Paving; 40mm thick Type B mortar laying course; 150mm thick C32/40 concrete base; 150mm thick clause 804 sub-base; surfaces sloping at 10 degrees or less to the horizontal	m2	€ 65.00	€ 77.50	€ 90.00
1106.8	Footways and Paved Areas	Brick Paving; 40mm thick Type B mortar laying course; 150mm thick C32/40 concrete base; 150mm thick clause 804 sub-base	m2	€ 65.00	€ 77.50	€ 90.00
1106.9	Footways and Paved Area	Continuously Reinforced Concrete Pavement C32/40 Grade Concrete. 230mm Thickness On 150mm Sub-Base To Clause 804	m2	€ 75.00	€ 112.50	€ 150.00
1107	Footways and Paved Areas	Remove from store and relay paving in paved areas; Brick paving 40mm thick Type B mortar laying course; 150mm thick C32/40 concrete base; 150mm thick clause 804 sub-base	m2	€ 55.00	€ 65.00	€ 75.00

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Ref	Series 1200	Item Description	Unit	Lower	Median	Upper
<b>Traffic Signs and Road Markings</b>						
1200.1	Remove from store and re-erect traffic signs	Permanent Traffic Sign; Sign & Foundation	no	€ 100.00	€ 150.00	€ 200.00
1200.2	Remove from store and re-erect traffic signs	Regulatory signs; In accordance with Traffic Signs Manual Chapter 5; Restrictive Signs, Prohibitory Signs, Mandatory Signs, Bus lane Signs and Stop/Yield Signs	no	€ 100.00	€ 150.00	€ 200.00
1200.3	Traffic Signs	Permanent traffic sign, Retroflected, Non Lit, 76mm diameter galvanised tubular steel pole and all necessary brackets. Sign; Approximately 750mm; with black & white sleeve; In accordance with Traffic Signs Manual Chapter 4 (Other Information Signs), Chapter 5 (Regulatory Signs) and Chapter 6 (Warning Signs)	no	€ 400.00	€ 525.00	€ 650.00
1200.4	Traffic Signs	Back to back; Signs; on one 76mm diameter galvanised tubular steel pole and all necessary brackets; with black & white sleeves	no	€ 400.00	€ 525.00	€ 650.00
1200.5	Traffic Signs	Advanced Directional Sign"; 1159 x 870mm; 2.3m mounting height; 88.9mm dia, retroflective; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 500.00	€ 700.00	€ 900.00
1200.6	Traffic Signs	Advanced Directional Sign"; 1362 x 870mm; 2.3m mounting height; 114.3mm dia, retroflective; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 1,000.00	€ 1,250.00	€ 1,500.00
1200.7	Traffic Signs	"Advanced Directional Sign"; 1176 x 1815mm; 2.3m mounting height; 114.3mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 1,000.00	€ 1,400.00	€ 1,800.00
1200.8	Traffic Signs	"Advanced Directional Sign"; 1265 x 2055mm; 2.3m mounting height; 139.7mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 1,200.00	€ 1,600.00	€ 2,000.00
1200.9	Traffic Signs	"Advanced Directional Sign"; 1686 x 2640mm; 2.5m mounting height; 193.7mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 2,600.00	€ 3,000.00	€ 3,400.00
1201	Traffic Signs	"Advanced Directional Sign"; 1816 x 2350mm; 2.5m mounting height; 168.3mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 1,900.00	€ 2,300.00	€ 2,700.00
1201.1	Traffic Signs	"Advanced Directional Sign"; 1161 x 503mm; 2.5m mounting height; 76.1mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 450.00	€ 575.00	€ 700.00
1201.2	Traffic Signs	Retroflective Class Ref. 2; on one tubular steel post; "Directional Sign"; sign ref. DS-01A; 1779 x 1125mm; 2.5m mounting height; 76mm diameter; in accordance with Traffic Signs Manual Chapter 2 (Directional Information Signs)	no	€ 550.00	€ 750.00	€ 950.00
1201.3	Traffic Signal Poles	4m high (above ground); 114mm base diameter plastic coated galvanised steel signal pole to specification Appendix 12/5 and SDCC Specification. (Including retention socket system).	no	€ 750.00	€ 1,000.00	€ 1,250.00
1201.4	Traffic Signal Poles	7m high (above ground); 114mm base diameter plastic coated galvanised steel signal pole with pre-drilled fixings to specification Appendix 12/5 and SDCC Specification. (Including RS 250 HT retention socket system).	no	€ 2,250.00	€ 2,625.00	€ 3,000.00
1201.5	Traffic Signal Poles	2m high (above ground) signal poles, RS 115 x 750 DFD Retention socket foundation 1350x1350x820mm C30/37 concrete surround (2 layers of A393 Mesh)	no	€ 800.00	€ 1,000.00	€ 1,200.00
1201.6	Traffic Signal Poles	Cantilever pole 6.25m high pole (above ground) with 5.5m cantilever, signal pole, RSE-250 x 1200 DF Hi-torque retention socket foundation with 2000 x 2000 x 1220mm C30/37 concrete surround (3 layers A393 Mesh)	no	€ 9,500.00	€ 11,750.00	€ 14,000.00
1201.7	Traffic Signal Poles	Cantilever pole 6.25m high pole (above ground) with 8m cantilever, signal pole, RSE-250 x 1200 DF Hi-torque retention socket foundation with 2000 x 2000 x 1220mm C30/37 concrete surround (3 layers A393 Mesh)	no	€ 9,500.00	€ 11,750.00	€ 14,000.00
1201.8	Traffic Signal Controller Base and Cabinet	Traffic Signal Detector loop box	no	€ 198.00	€ 274.00	€ 350.00
1201.9	Traffic Signal Controller Base and Cabinet	Traffic controller and cabinet	no	€ 1,586.00	€ 2,043.00	€ 2,500.00
1202	Traffic Signal Controller Base and Cabinet	Traffic Signal Fibre Optic Cabinet	no	€ 1,586.00	€ 2,043.00	€ 2,500.00
1202.1	Traffic Signal Controller Base and Cabinet	Rittal Road Side Communications cabinet	no	€ 1,586.00	€ 2,043.00	€ 2,500.00
1202.2	Feeder Pillars	Feeder pillar for traffic signals	no	€ 520.00	€ 587.00	€ 654.00
1202.3	Feeder Pillars	Mini Pillar for traffic signals	no	€ 250.00	€ 294.50	€ 339.00
1202.4	Feeder Pillars	Installation of Mini Pillar for RPTI Poles	no	€ 250.00	€ 294.50	€ 339.00
1202.5	Push Button Unit	Prisma Teknik Push Button unit	no	€ 400.00	€ 478.50	€ 557.00
1202.6	Above Ground Detectors	Kerbside pedestrian detector mounted on 4m pole	no	€ 600.00	€ 705.00	€ 810.00
1202.7	Above Ground Detectors	Kerbside pedestrian detector mounted on cantilever pole	no	€ 600.00	€ 705.00	€ 810.00
1202.8	Above Ground Detectors	Kerbside pedestrian detector mounted on 7m pole	no	€ 600.00	€ 705.00	€ 810.00

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Ref	Series 1200	Item Description	Unit	Lower	Median	Upper
<b>Traffic Signs and Road Markings</b>						
1202.9	Loop Detector Installations	2.0m x 2.0m inductive loop; installed in carriageway; in accordance with Specification Appendix 12/5, drawings 190101-1200-1 & 190101-1200-2 and SDCC Traffic System Specifications	no	€ 300.00	€ 373.00	€ 446.00
1203	Loop Detector Installations	1.0m x 1.0m cycle lane Induction loop with loop box; in carriageway; in accordance with Specification Appendix 12/5, drawings 190101-1200-1 & 190101-1200-2 in accordance with Specification Appendix 12/5 and SDCC Traffic System Specifications	no	€ 200.00	€ 267.00	€ 334.00
1203.1	Loop Detector Installations	Above ground detectors installed on traffic signal pole; in accordance with Specification Appendix 12/5, drawings 190101-1200-1 & 190101-1200-2 and in accordance with Specification Appendix 12/5 and SDCC Traffic System Specifications	no	€ 500.00	€ 621.50	€ 743.00
1203.2	Loop Detector Installations	1.5 m x 1.5m SCATS induction loop, in carriageway	no	€ 500.00	€ 572.00	€ 644.00
1203.3	Loop Detector Installations	0.8m x 1.2m SCATS induction loop, in carriageway	no	€ 250.00	€ 306.00	€ 362.00
1203.4	Loop Detector Installations	3.5m x 2m SCATS induction loop, in carriageway	no	€ 650.00	€ 969.00	€ 1,288.00
1203.5	Earth Electrodes	Earth Electrodes at feeder pillar for traffic signals	no	€ 20.00	€ 31.50	€ 43.00
1203.6	Earth Electrodes	Earth Electrodes, at feeder pillar, for RTPI pole	no	€ 20.00	€ 31.50	€ 43.00
1203.7	Traffic Signal Heads	Traffic Signal Head - Pedestrian sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 785.00	€ 885.00	€ 985.00
1203.8	Traffic Signal Heads	Traffic Signal Head - Cycle sign 100mm in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 1,094.00	€ 1,172.00	€ 1,250.00
1203.9	Traffic Signal Heads	Traffic Signal Head - Cycle sign 200mm in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 597.00	€ 673.50	€ 750.00
1204	Traffic Signal Heads	Traffic Signal Head - Standard Traffic Sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 576.00	€ 663.00	€ 750.00
1204.1	Traffic Signal Heads	Traffic Signal Head - Standard Traffic Sign + Right turn sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 1,055.00	€ 1,152.50	€ 1,250.00
1204.2	Traffic Signal Heads	Traffic Signal Head - Standard Traffic Sign + Left turn sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 1,055.00	€ 1,152.50	€ 1,250.00
1204.3	Traffic Signal Heads	Traffic Signal Head - Only Straight sign + Right turn sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 1,055.00	€ 1,152.50	€ 1,250.00
1204.4	Traffic Signal Heads	Traffic Signal Head - Only Straight sign + Left turn sign in accordance with Traffic Signs Manual Chapter 9 (Traffic Signals)	no	€ 1,055.00	€ 1,152.50	€ 1,250.00
1204.5	Traffic Signal Heads	Traffic Signal Head - Only Left Turn (all phases)	no	€ 616.00	€ 733.00	€ 850.00
1204.6	Traffic Signal Heads	Traffic Signal Head - Only Right Turn (all phases)	no	€ 616.00	€ 733.00	€ 850.00
1204.7	Cabling	LV cable; Pulled through ducting for traffic signals; 20 core; black in colour	m	€ 6.00	€ 7.50	€ 9.00
1204.8	Cabling	Traffic Signal Cable, 2 core traffic loop detector feeder cable	m	€ 2.50	€ 3.25	€ 4.00
1204.9	Cabling	Traffic Signal Cable, 2 core traffic loop detector feeder cable	m	€ 2.50	€ 3.25	€ 4.00
1205	Cabling	Traffic Signal Cable, 8 core SWA traffic signal cable	m	€ 2.50	€ 3.75	€ 5.00
1205.1	Cabling	Trench for cable; not exceeding 1.5m deep; in carriageways, footways; 1 No. 100mm diameter duct	m	€ 17.50	€ 23.75	€ 30.00
1205.2	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 100mm wide; yellow line; TSM RRM008	m	€ 1.00	€ 1.50	€ 2.00
1205.3	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 100mm wide; white; TSM RRM001	m	€ 1.00	€ 1.50	€ 2.00
1205.4	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 100mm wide; white; TSM RRM022	m	€ 1.00	€ 1.50	€ 2.00
1205.5	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 150mm wide; hatch marking; white; TSM RRM021	m	€ 2.00	€ 2.50	€ 3.00
1205.6	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 150mm wide; hatch marking; yellow; TSM RRM020	m	€ 2.00	€ 2.50	€ 3.00
1205.7	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 100mm wide; pedestrian line; white; TSM M131	m	€ 1.00	€ 1.50	€ 2.00
1205.8	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 200mm wide; hatch border; yellow; TSM RRM020	m	€ 2.50	€ 3.75	€ 5.00
1205.9	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Continuous line; 250mm wide; bus lane; white; TSM RRM024	m	€ 3.00	€ 4.50	€ 6.00
1206	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Intermittent line; 100mm wide; 3m line; 1m gap; white; TSM RRM002D	m	€ 1.00	€ 1.50	€ 2.00



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Ref	Series 1200	Item Description	Unit	Lower	Median	Upper
<b>Traffic Signs and Road Markings</b>						
1206.1	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Intermittent line; 100mm wide; 3m line; 3m gap; white; TSM RRM002B	m	€ 1.00	€ 1.50	€ 2.00
1206.2	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Intermittent line; 100mm wide; 2m line; 2m gap; white; TSM RRM003B	m	€ 1.00	€ 1.50	€ 2.00
1206.3	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Intermittent line; 100mm wide; 0.75m line; 0.75m gap; white; TSM RRM023	m	€ 1.00	€ 1.50	€ 2.00
1206.4	Road Markings	Road Markings, Reflectorised; extruded thermoplastic; with applied ballotini, Intermittent line; 250mm wide; 1m line; 1m gap; white; TSM M129	m	€ 3.00	€ 4.50	€ 6.00
1206.5	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Continuous line; 100mm wide; bus stop; white; TSM RRM030	m	€ 1.00	€ 1.50	€ 2.00
1206.6	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Continuous line; 200mm wide; stop line; white; TSM RRM017	m	€ 2.50	€ 3.75	€ 5.00
1206.7	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Continuous line; 600mm wide; bar markings; yellow; TSM M113	m	€ 10.00	€ 14.00	€ 18.00
1206.8	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Intermittent line; 100mm wide; 1m line; 1m gap; white; TSM RRM018C	m	€ 1.00	€ 1.50	€ 2.00
1206.9	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Intermittent line; 100mm wide; 1m line; 1m gap; white; TSM RRM030	m	€ 1.00	€ 1.50	€ 2.00
1207	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 1.6m high; white; "STOP"; TSM M114	no	€ 90.00	€ 108.00	€ 126.00
1207.1	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 2.8m high; white; "KEEP CLEAR"; TSM RRM017	no	€ 180.00	€ 231.50	€ 283.00
1207.2	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 1.6m high; white; "KEEP CLEAR"; TSM RRM017	no	€ 180.00	€ 231.50	€ 283.00
1207.3	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 1.6m high; white; "LANA BUS"; TSM RRM024	no	€ 120.00	€ 170.00	€ 220.00
1207.4	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 1.6m high; white; "BUS Stop"; TSM RRM030	no	€ 120.00	€ 170.00	€ 220.00
1207.5	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Letters and numerals; 1.6m high; white; "CROSSING"	no	€ 120.00	€ 186.00	€ 252.00
1207.6	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Lane Indication Arrow; 3.6m high, white; TSM RRM004	no	€ 50.00	€ 67.50	€ 85.00
1207.7	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Lane Indication Arrow; 3.6m high, white; TSM RRM005	no	€ 50.00	€ 67.50	€ 85.00
1207.8	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Lane Indication Arrow; 3.6m high, white; TSM RRM006	no	€ 50.00	€ 67.50	€ 85.00
1207.9	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Lane Indication Arrow; 3.6m high, white; TSM M124	no	€ 50.00	€ 67.50	€ 85.00
1208	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Bus lane ends arrow; 5.55m high, white; TSM M130L	no	€ 50.00	€ 67.50	€ 85.00
1208.1	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Deflection arrow; 6m high, white; TSM M101	no	€ 50.00	€ 67.50	€ 85.00
1208.2	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Bifurcation Arrow; 8.0m high, white; TSM M102	no	€ 60.00	€ 80.00	€ 100.00
1208.3	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Cycle track direction arrow; 1.8m high; white; straight ahead; TSM M118	no	€ 50.00	€ 67.50	€ 85.00
1208.4	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Cycle track direction arrow; 1.8m high; white; right turn; TSM M119	no	€ 50.00	€ 67.50	€ 85.00
1208.5	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Cycle track triangle yield; 1.875m high; white; M115C	no	€ 50.00	€ 67.50	€ 85.00
1208.6	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Traffic calming triangle; 1.85m high; white; M112	no	€ 19.00	€ 23.00	€ 27.00
1208.7	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Cycle symbol; 1.2m high; white; TSM M116	no	€ 50.00	€ 67.50	€ 85.00
1208.8	Road Markings	Reflectorised; thermoplastic screed; with applied ballotini, Cluster (4 number - school zones) of Rounels (mixed colours):	no	€ 360.00	€ 400.00	€ 480.00
1208.9	Road Markings	Removal - 100mm Width - White	m	€ 2.00	€ 3.00	€ 4.00
1209	Road Markings	Removal - 150mm Width - White	m	€ 3.00	€ 4.50	€ 6.00
1209.1	Road Markings	Removal - 200mm Width - White	m	€ 4.00	€ 6.00	€ 8.00

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Ref	Series 1200	Item Description	Unit	Lower	Median	Upper
<b>Traffic Signs and Road Markings</b>						
1209.2	Road Markings	Road Markings, Yellow Box Marking (Boundary), thermoplastic lines to EN1436 1998, Ref: RRM 020 of Traffic Signs Manual, 200mm wide, yellow, reflectorised	m	€ 2.00	€ 4.50	€ 7.00
1209.3	Road Markings	Road Markings, Yellow Box Marking (Diagonal Lines), thermoplastic lines to EN1436 1998, Ref: RRM 020 of Traffic Signs Manual, 150mm wide, yellow, reflectorised	m	€ 2.00	€ 2.50	€ 3.00
1209.4	Road Markings	Road Markings, Hatched Marking (Diagonal lines), thermoplastic lines to EN1436 1998, Ref: RRM 021 of Traffic Signs Manual, 150mm wide, white	m	€ 2.00	€ 3.50	€ 5.00
1209.5	Road Markings	Road Markings, Hatched Marking (Boundary), thermoplastic lines to EN1436 1998, Ref: RRM 022 of Traffic Signs Manual, 10mm wide, white, reflectorised	m	€ 2.00	€ 2.50	€ 3.00
1209.6	Road Markings	Road Markings, Cycle Track Triangular Yield Marking Ref: M 115 C of Traffic Signs Manual, thermoplastic lines to EN1436 1998 with applied solid glass beads, 1875mm long, white	no	€ 45.00	€ 67.00	€ 89.00
1209.7	Road Markings	Road Markings, Cycle Symbol Ref: M 116 of Traffic Signs Manual, thermoplastic lines to EN1436 1998 with applied solid glass beads, 1200mm high, white	no	€ 45.00	€ 67.00	€ 89.00
1209.8	Permanent Bollards	Remove from Store and Re-erect Permanent bollard	no	€ 50.00	€ 62.50	€ 75.00
1209.9	Permanent Bollards	Retroflective Class Ref. 2; Bollards, Stainless Steel Bollard; 'Shannon G774's' or equal approved	no	€ 253.00	€ 289.50	€ 326.00
1210	Permanent Bollards	Supply and Installation of removable Access Control Bollards	no	€ 350.00	€ 475.00	€ 600.00
1210.1	Permanent Bollards	1030mm high x 150mm wide reboundable bollard by IPL or similar approved with RSc76 retention socket	no	€ 577.00	€ 663.50	€ 750.00
1210.2	Permanent Bollards	Permanent bollard Zenith Stainless Steel non-illuminated Type 1	no	€ 685.00	€ 742.50	€ 800.00
1210.3	Permanent Bollards	Non illuminated, Keep Left Bollards	no	€ 215.00	€ 294.00	€ 373.00
1210.4	Permanent Bollards	Retroflective Class Ref. 2; Bollards, "Cycle Lane Hazard Delineation Markers"	no	€ 253.00	€ 289.50	€ 326.00
1210.5	CCTV Pole	168mm diameter, 6m high galvanised Rigid Tubular Pole for CCTV camera at Castle Street, Example product is the AW1507 by Altron Communications Equipment Ltd.	no	€ 1,500.00	€ 2,000.00	€ 2,500.00
1210.6	Flashing Road Studs	SR-20C hard wired flashing road studs by rennicks or equivalent, at 1m centres, in road	no	€ 300.00	€ 400.00	€ 500.00
1210.7	Flashing Road Studs	SR-20C hard wired flashing road studs by rennicks or equivalent, at 1m centres, in cycle track	no	€ 300.00	€ 400.00	€ 500.00
1210.8	Street Furniture	Sheffield cycle stand	no	€ 100.00	€ 179.00	€ 258.00
1210.9	Street Furniture	Stainless Steel Rubbish Bin	no	€ 200.00	€ 425.00	€ 650.00
1211	Street Furniture	Reinstallation of Dublin Bus Shelter; 4m x 1.5m	no	€ 2,500.00	€ 3,250.00	€ 4,000.00
1211.1	Street Furniture	Installation of Dublin Bus Shelter as provided by others; 4m x 1.5m	no	€ 3,000.00	€ 3,750.00	€ 4,500.00
1211.2	Street Furniture	Temporary bus shelter; 4m x 1.5m	no	€ 600.00	€ 800.00	€ 1,000.00
1211.3	Street Furniture	Wall bench without arm rest (1800mm x 400mm x 500mm)	no	€ 1,000.00	€ 1,250.00	€ 1,500.00
1211.4	Street Furniture	Wall bench with arm rest (1800mm x 400mm x 500mm)	no	€ 1,500.00	€ 1,625.00	€ 1,750.00
1211.5	Street Furniture	Wall bench with back rest (1950mm x 400mm x 450mm)	no	€ 1,750.00	€ 1,875.00	€ 2,000.00
1211.6	Street Furniture	Zebra planter cycle lane separator - Planter size 1000mm long x 300mm wide x 400mm high (including soil/plant)	no	€ 400.00	€ 450.00	€ 500.00
1211.7	Street Furniture	Tree Grilles; Stainless Steel; Circular 1m high; not exceeding 500mm diameter	no	€ 1,250.00	€ 1,657.00	€ 2,064.00
1211.8	Street Furniture	Tree Guards; Stainless Steel; Circular 1m high; not exceeding 500mm diameter	no	€ 500.00	€ 604.00	€ 708.00
1211.9	Street Furniture	Hard Wood Bench - one way fencing; 3m long	no	€ 1,000.00	€ 1,750.00	€ 2,500.00
1212	Street Furniture	Stainless Steel 46 litre capacity bin	no	€ 1,000.00	€ 1,250.00	€ 1,500.00

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Ref	Series 1300	Item Description	Unit	Lower	Median	Upper
<b>Road Lighting and Columns and Brackets</b>						
1300.1	Road Lighting Columns, Brackets and Wall Mounting	CCTV pole, 10m height, ALTON AW 1545/10TD galvanised steel, painted black (RAL 9005) or approved similar on 1.5m x 1.5m x 1.5m (depth) concrete base	no	€ 4,000.00	€ 5,000.00	€ 6,000.00
1300.2	Road Lighting Columns, Brackets and Wall Mounting	CCTV Columns, Altron AW fixed CCTV pole, 168mm diameter, 7.5m (6m agl), Galvanised finish, lockable door or similar approved	no	€ 750.00	€ 1,125.00	€ 1,500.00
1300.3	Road Lighting Columns, Brackets and Wall Mounting	Foundations only for public lighting columns including ST4 concrete, C25/30 concrete and 400mm dia HDPE pipe	no	€ 150.00	€ 200.00	€ 250.00
1300.4	Road Lighting Columns, Brackets and Wall Mounting	Remove from Store and Re-erect Existing Public Lighting, including Construction of New Foundation Sleeve	no	€ 400.00	€ 575.00	€ 750.00
1300.5	Road Lighting Columns, Brackets and Wall Mounting	Galvanised steel tubular or hexagonal/octagonal/hexadecagon road lighting column; root mounted; 17mm/m taper; double locking flush door; with galvanised steel outreach bracket; 2m projection; 0° tilt; "Philips Luma" or equal approved luminaire unit; incorporating an LED-HB 5.1S lamp; marine grade LM6 aluminium; vandal resistant; dimmable; adjustable electronic photocell; factory painted; colour to be agreed 10m High column; luminaire reference BGP623 DM50; 17.50klm output	no	€ 1,250.00	€ 1,525.00	€ 1,800.00
1300.6	Road Lighting Columns, Brackets and Wall Mounting	Galvanised steel tubular or hexagonal/octagonal/hexadecagon road lighting column; root mounted; 17mm/m taper; double locking flush door; with "Philips Luma" or equal approved luminaire unit fixed to top at -5° tilt; incorporating an LED-HB 5.1S lamp; marine grade LM6 aluminium; vandal resistant; dimmable; adjustable electronic photocell; factory painted; colour to be agreed, 10m High column; luminaire reference BGP623 DM50; 17.50klm output	no	€ 1,250.00	€ 1,525.00	€ 1,800.00
1300.7	Road Lighting Columns, Brackets and Wall Mounting	Galvanised steel outreach bracket; 2m projection; 0° tilt; "Philips Luma" or equal approved luminaire unit; incorporating an LED-HB 5.1S lamp; marine grade LM6 aluminium; vandal resistant; dimmable; adjustable electronic photocell; factory painted; colour to be agreed Fixed to new ESB pole; luminaire reference BGP623 DM50; 17.50klm output	no	€ 1,250.00	€ 1,525.00	€ 1,800.00
1300.8	Road Lighting Columns, Brackets and Wall Mounting	Galvanised steel outreach bracket; 2m projection; 0° tilt; "Philips Luma" or equal approved luminaire unit; incorporating an LED-HB 5.1S lamp; marine grade LM6 aluminium; vandal resistant; dimmable; adjustable electronic photocell; factory painted; colour to be agreed Fixed to existing column; luminaire reference BGP623 DM50; 17.50klm output	no	€ 650.00	€ 775.00	€ 900.00
1300.9	Road Lighting Columns, Brackets and Wall Mounting	Galvanised steel outreach bracket; 2m projection; 0° tilt; "Philips Luma" or equal approved luminaire unit; incorporating an LED-HB 5.1S lamp; marine grade LM6 aluminium; vandal resistant; dimmable; adjustable electronic photocell; factory painted; colour to be agreed Fixed to new ESB pole; luminaire reference BGP621 DM33; 8.00klm output	no	€ 650.00	€ 775.00	€ 900.00
1301	Road Lighting Columns, Brackets and Wall Mounting	Steel tubular 10m high raise and lower road lighting column including finials; All columns, brackets and finials shall be powder coated black to RAL9011	no	€ 1,500.00	€ 1,875.00	€ 2,250.00
1301.1	Road Lighting Columns, Brackets and Wall Mounting	Luminaire - Schreder axia 3.3 5267 integrated lenses – 64 oslon square giant @400ma (or similar approved)	no	€ 575.00	€ 675.00	€ 775.00
1301.2	Road Lighting Columns, Brackets and Wall Mounting	Luminaire - Schreder axia 3.3 5267 integrated lenses – 48 oslon square giant @700ma (or similar approved)	no	€ 465.00	€ 565.00	€ 665.00
1301.3	Road Lighting Columns, Brackets and Wall Mounting	Luminaire - Schreder axia 3.2 5266 integrated lenses – 24 oslon square giant @400m (or similar approved)	no	€ 350.00	€ 413.50	€ 477.00
1301.4	Road Lighting Columns, Brackets and Wall Mounting	Shreder Axial 3 Rear Light Control Louvres (or similar approved). Louvres shall be powder coated black to RAL9011	no	€ 25.00	€ 31.50	€ 38.00
1301.5	Road Lighting Columns, Brackets and Wall Mounting	Altron Lower Trolley Head 10m CCTV Pole - AW1545/10LTH	no	€ 6,000.00	€ 7,000.00	€ 8,000.00
1301.6	Road Lighting Columns, Brackets and Wall Mounting	Altron Lower Trolley Head 12m CCTV Pole - AW1545/12LTH	no	€ 6,500.00	€ 7,500.00	€ 8,500.00
1301.7	Road Lighting Columns, Brackets and Wall Mounting	Foundation for Traffic Light pole 1.2x1.2x1.2m C30/20 Concrete	no	€ 290.00	€ 321.00	€ 352.00
1301.8	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, CU PHOSCO LED head mounted on existing public lighting columns	no	€ 300.00	€ 350.00	€ 400.00
1301.9	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, CU PHOSCO LED head mounted on belisha beacon	no	€ 300.00	€ 350.00	€ 400.00
1302	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, Type A lantern, on 10 metre column with 7 pin NEMA Socket and SELA Photocell	no	€ 300.00	€ 450.00	€ 600.00
1302.1	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, Type A lantern, on existing column with 7 pin NEMA Socket and SELA Photocell	no	€ 300.00	€ 450.00	€ 600.00
1302.2	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, Type B lantern, on existing column with 7 pin NEMA Socket and SELA Photocell	no	€ 300.00	€ 450.00	€ 600.00
1302.3	Road Lighting Columns, Brackets and Wall Mounting	Road Lighting Columns and Brackets, Type B lantern, on 8 metre column with 7 pin NEMA Socket and SELA Photocell	no	€ 300.00	€ 450.00	€ 600.00
1302.4	Road Lighting Columns, Brackets and Wall Mounting	Supply and install Luminaire A (Philips LumiStreet Gen2 Mini_BGP292_DW50 12klm) or equivalent equal in neutral white with DALI registered driver, complete with 7 pin photocell & cable	no	€ 300.00	€ 450.00	€ 600.00

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Ref	Series 1300	Item Description	Unit	Lower	Median	Upper
<b>Road Lighting and Columns and Brackets</b>						
1302.5	Road Lighting Columns, Brackets and Wall Mounting	Supply and install Luminaire B (Philips LumiStreet Gen2 Mini_BGP292_DX51 12klm) or equivalent equal in neutral white with DALI registered driver, complete with 7 pin photocell & cable	no	€ 300.00	€ 450.00	€ 600.00
1302.6	Road Lighting Columns, Brackets and Wall Mounting	Supply and install Luminaire C (Philips LumiStreet Gen2 Micro_BGP291_DRXN1 1.8klm) or equivalent equal in neutral white with DALI registered driver, complete with 7 pin photocell & cable	no	€ 300.00	€ 450.00	€ 600.00
1302.7	Cabling	Cable 4 x 6mm2 NYCY in accordance with SDCC Public Lighting Specifications	m	€ 5.00	€ 6.50	€ 8.00
1302.8	Distribution Equipment	Galvanised steel public lighting micro-pillar for single-phase unmetered distribution including marine plywood baseboard and all internal electrical equipment including provision for connection of power supply	no	€ 1,250.00	€ 1,899.00	€ 2,548.00
1302.9	Feeder Pillars	Midi Pillar	no	€ 450.00	€ 503.50	€ 557.00

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Ref	Series 1400	Item Description	Unit	Lower	Median	Upper
<b>Electrical Work for Road Lighting and Traffic Signs</b>						
1400.1	Electrical Work for Road Lighting and Traffic Signs	Cable joints	no	€ 24.00	€ 29.50	€ 35.00
1400.2	Electrical Work for Road Lighting and Traffic Signs	Cable terminations	no	€ 8.00	€ 14.00	€ 20.00
1400.3	Electrical Work for Road Lighting and Traffic Signs	Feeder Pillars - Mini Pillars	no	€ 450.00	€ 600.00	€ 750.00
1400.4	Electrical Work for Road Lighting and Traffic Signs	Supply and install a large electrical connection kiosk for supply to 2 nr high capacity E-Car chargers. Kiosk shall be hot-dipped galvanised 3mm steel powder coated green to BS4800 14C39. It shall be fitted with doors with double Tri-Head locks and include a WBP 18mm plywood backboard fitted. It shall have recessed hidden vents and hinges. It shall also have an earth strap fitted to door and frame. Door seals rated to IP65.	no	€ 1,250.00	€ 1,625.00	€ 2,000.00
1400.5	Electrical Work for Road Lighting and Traffic Signs	Supply and install modular system chambers on ducting for supply to E-Car chargers to include composite covers and frames with 25T (C250) loading. Chambers to be surrounded in concrete.	no	€ 876.00	€ 1,063.00	€ 1,250.00
1400.6	Electrical Work for Road Lighting and Traffic Signs	Supply and install a universal E-Car charger foundation RS168 retention socket system in C30 concrete.	no	€ 997.00	€ 1,248.50	€ 1,500.00
1400.7	Electrical Work for Road Lighting and Traffic Signs	Supply and install retention sockets and stainless steel bollards one each side of each E-Car charger in C30 concrete.	no	€ 740.00	€ 870.00	€ 1,000.00
1400.8	Electrical Work for Road Lighting and Traffic Signs	Micropillar electrical feeder pillars, Traffic Signals	no	€ 750.00	€ 875.00	€ 1,000.00
1400.9	Electrical Work for Road Lighting and Traffic Signs	Micropillar electrical feeder pillars, Public Lighting	no	€ 250.00	€ 625.00	€ 1,000.00
1401	Electrical Work for Road Lighting and Traffic Signs	Supply, install and fit ESB Sc1 chambers in accordance with Guidebook for ESB Networks Standard for Electrical Services	no	€ 1,150.00	€ 1,325.00	€ 1,500.00
1401.1	Electrical Work for Road Lighting and Traffic Signs	<b>LED Belisha Beacons Complete (Composite Item) - Supply and Installation of B1 Type Zebra Crossing</b> *LED Belisha Beacons complete. *6 metre galvanised belly type poles with 140mm base, black and white banding to 3.5m on 76mm section. *Philips Luna LED pedestrian crossing luminaires *Solar cells and brackets *6 L Type Belisha Beacon mounting brackets *Hoist hire for installation of lighting at high level. *3-core SWA cable as specified *Mini pillar *Rotaflick control units. *Single aspect amber LED aspects heads. *Item Installation and commissioning of the above equipment	no	€ 7,000.00	€ 7,500.00	€ 8,200.00
1401.2	Electrical Work for Road Lighting and Traffic Signs	<b>LED Belisha Beacons Complete (Composite Item) - Supply and Installation of B2 Type Zebra Crossing</b> *LED Belisha Beacons complete. *4 metre galvanised belly type poles with 140mm base, black and white banding to 2m on 76mm section. *Item 3-core SWA cable as specified *Mini pillar *Rotaflick control units. *Single aspect amber LED aspects heads. *Item Installation and commissioning of the above equipment	no	€ 4,500.00	€ 5,200.00	€ 6,000.00
1401.3	Electrical Work for Road Lighting and Traffic Signs	<b>Belisha Beacons Complete (Composite Item) - Supply and Installation of B2 Type (no lantern - refer to TII drawing 05138)</b> *LED Belisha Beacons complete. *3 metre galvanised belly type poles with 140mm base, black and white banding to 2m on 76mm section. *Item 3-core SWA cable as specified *Mini pillar *Rotaflick control units. *Item Installation and commissioning of the above equipment	no	€ 4,000.00	€ 4,200.00	€ 4,500.00
1401.4	Electrical Work for Road Lighting and Traffic Signs	<b>Toucan Crossing Lights Complete (Composite Item) - Siemens ST950 16 phase ELV Microprocessor junction controller with 16-phases, 8 channels detection, additional I/O PCB, 8 sets of alternative Max Greens times, Red Lamp Monitoring, cableless linking, green conflict monitoring and fault flashing. 2-RAG ELV LED Signal Heads 200mm complete with Brackets, backboards and Hoods. 4-RAGA ELV LED Signal Heads 200111111 complete with Brackets, backboards and Hoods. 2-RAGAGA ELV LED right turn Signal Head 200mm complete with Brackets, backboards and Hoods. 8-R111A111G111 ELV LED Signal Heads 200111111 complete with Brackets, lamps and hoods. 4-Miniature RcAcGc ELV LED Signal Heads 100mm complete with Brackets. 6-PRISMA ELV DAPS 2000L. Audio tactile push button units. 1-PRISMA ELV DAPS 2000L. Non-audio cycle push button units. 14-4ml Plastic coated and galvanised poles C/W pole cap assembly. 4-Heimdal! above-ground slop line detection for bicycles. Item-20-core SWA cable (ELV). Item2-core loop feeder cable. Item-3-core power supply cable controller to midi pillar. 1-ELV solar switch. 1- Mini pillar c/w Earth mat to facilitate ESB connection. Item-Slot cutting or 15 vehicle and 4 cycle inductive loops. 19-loop joint kits. 3-Controller sealant kits</b>	no	€ 26,000.00	€ 28,000.00	€ 30,000.00

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Ref	Series 1700	Item Description	Unit	Lower	Median	Upper
<b>Structural Concrete</b>						
1700.1	In Situ Concrete	In Situ Concrete, C32/40	m3	€ 146.00	€ 173.00	€ 200.00
1700.2	In Situ Concrete	In situ concrete; Class 25/30	m3	€ 150.00	€ 175.00	€ 200.00
1700.3	In Situ Concrete	In situ concrete; Class 30/20	m3	€ 167.00	€ 183.50	€ 200.00
1700.4	In Situ Concrete	In Situ Concrete, C40/50	m3	€ 201.00	€ 262.50	€ 324.00
1700.5	In Situ Concrete	In situ concrete mix ST2 in blinding 75mm or less in thickness	m2	€ 161.00	€ 214.50	€ 268.00
1700.6	In Situ Concrete	In situ concrete mix ST 4 concrete	m2	€ 150.00	€ 213.00	€ 276.00
1700.7	In Situ Concrete	Blinding concrete 75mm or less in thickness	m2	€ 150.00	€ 200.00	€ 250.00
1700.8	Steel Reinforcement for Structures	Fabric reinforcement, Mesh type A142	m2	€ 7.00	€ 9.50	€ 12.00
1700.9	Steel Reinforcement for Structures	Fabric reinforcement, Mesh type A393	m2	€ 10.00	€ 14.00	€ 18.00
1701	Precast Concrete	355mm Wide precast concrete capping	m	€ 35.00	€ 49.50	€ 64.00
1701.1	Precast Concrete	550 x 550mm Precast concrete pier cap	no	€ 150.00	€ 212.50	€ 275.00
1701.2	Surface Finish of Concrete - Formwork	Concrete finish U3 to slab horizontal more than 300 mm wide	m2	€ 3.00	€ 4.75	€ 6.50
1701.3	Surface Finish of Concrete - Formwork	Formwork, Horizontal more than 300mm wide Class F2	m2	€ 125.00	€ 164.00	€ 203.00
1701.4	Surface Finish of Concrete - Formwork	Formwork, Vertical more than 300mm wide Class F2	m2	€ 125.00	€ 164.00	€ 203.00
1701.5	Surface Finish of Concrete - Formwork	Formwork, Horizontal more than 300mm wide Class F3	m2	€ 125.00	€ 164.00	€ 203.00
1701.6	Surface Finish of Concrete - Formwork	Formwork, Vertical more than 300mm wide Class F3	m2	€ 125.00	€ 164.00	€ 203.00
1701.7	Surface Finish of Concrete - Formwork	Formwork, Horizontal more than 300mm wide Class F4	m2	€ 125.00	€ 205.50	€ 286.00
1701.8	Surface Finish of Concrete - Formwork	Formwork, Vertical more than 300mm wide Class F4	m2	€ 125.00	€ 177.00	€ 229.00
1701.8	Steel Reinforcement for Structures	Steel bar reinforcement Grade B500B or B500C nominal size 12 mm and under not exceeding 12 metres in length	t	€ 1,650.00	€ 1,767.00	€ 1,884.00
1701.9	Steel Reinforcement for Structures	Steel bar reinforcement Grade B500B or B500C nominal size 16 mm and under not exceeding 12 metres in length	t	€ 1,650.00	€ 1,767.00	€ 1,884.00
1702	Steel Reinforcement for Structures	Steel bar reinforcement grade B500B or B500C nominal size 20 mm and over not exceeding 12 metres in length	t	€ 1,650.00	€ 1,784.00	€ 1,918.00

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Ref	Series 2000	Item Description	Unit	Lower	Median	Upper
<b>Waterproofing for Structures</b>						
2000.1	Waterproofing	Waterproofing with two coats of Epoxy Resin 300 mm wide or more at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2	€ 21.00	€ 32.50	€ 44.00
2000.2	Waterproofing	Waterproofing, two coats bitumen waterproofing, more than 300 mm wide at any inclination more than 30 degrees up to and including 90 degrees to the horizontal	m2	€ 7.00	€ 9.50	€ 12.00
2000.3	Waterproofing	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	€ 12.00	€ 17.00	€ 22.00
2000.4	Waterproofing	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	€ 15.00	€ 20.00	€ 25.00
2000.5	Surface Impregnation	Surface impregnation, plain surfaces, spray applied hydrophobic pore liner	m2	€ 8.00	€ 14.00	€ 20.00

Ref	Series 2100	Item Description	Unit	Lower	Median	Upper
<b>Bridge Expansion Joints and Sealing of Gaps</b>						
2100.1	Bridge Expansion Joints and Sealing of Gaps	Movement Joint	m	€ 15.00	€ 27.50	€ 40.00
2100.2	Bridge Expansion Joints and Sealing of Gaps	Construction Joint	m	€ 20.00	€ 35.00	€ 50.00
2100.3	Bridge Expansion Joints and Sealing of Gaps	Joint filler, Compressible joint filler board, 40mm thick	m2	€ 50.00	€ 70.00	€ 90.00
2100.4	Bridge Expansion Joints and Sealing of Gaps	Joint filler, Compressible joint filler board, 20mm thick	m2	€ 30.00	€ 45.00	€ 60.00



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Ref	Series 2400	Item Description	Unit	Lower	Median	Upper
<b>Brickwork, Blockwork and Stonework</b>						
2400.1	Blockwork and Stonework	Natural stone (limestone) wall cladding to concrete wall	m2	€ 125.00	€ 150.00	€ 175.00
2400.2	Blockwork and Stonework	Natural stone wall (new stone), 450mm thick, 2.4m high	m3	€ 550.00	€ 700.00	€ 850.00
2400.3	Blockwork and Stonework	Natural stone wall - reuse existing stones; 450mm thick, 0.7m high	m3	€ 550.00	€ 700.00	€ 850.00
2400.4	Blockwork and Stonework	Copings; 250 x 440mm round coping to wall	m	€ 35.00	€ 57.50	€ 80.00
2400.5	Blockwork and Stonework	Copings; 600 x 600 x 450mm reconstituted granite coping to pier	m	€ 250.00	€ 294.00	€ 338.00
2400.6	Blockwork and Stonework	Blockwork, solid concrete blockwork wall, up to 1200mm tall, thickness 215mm, Block bond, 10mm thick mortar joints in accordance with TII CC-SCD-02401	m3	€ 120.00	€ 160.00	€ 200.00
2400.7	Blockwork and Stonework	Blockwork, 1.5m high typical cavity concrete masonry wall, 215mm Smooth Natural Grey Colour as per TII CC-SCD-02402	m	€ 350.00	€ 425.00	€ 500.00

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Ref	Series 2700	Item Description	Unit	Lower	Median	Upper
<b>Watermains, Utilities and Accommodation Works</b>						
2700.1	Watermains	Thrust Block, Volume: not exceeding 0.1m3	no	€ 40.00	€ 70.00	€ 100.00
2700.2	Watermains	Thrust Block, Volume: 0.1m3 - 0.2m3	no	€ 120.00	€ 130.00	€ 140.00
2700.3	Watermains	Thrust Block, Volume: 0.2m3 - 0.5m3	no	€ 150.00	€ 200.00	€ 250.00
2700.4	Watermains	Watermain - Outside Diameter 355mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 250.00	€ 287.50	€ 325.00
2700.5	Watermains	Watermain - Outside Diameter 280mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 200.00	€ 225.00	€ 250.00
2700.6	Watermains	Watermain -Outside Diameter 180mm - Depths not exceeding 2 metres, Construction in Trench	m	€ 120.00	€ 160.00	€ 200.00
2700.7	Watermains	Watermain - Outside Diameter 160mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 80.00	€ 122.50	€ 165.00
2700.8	Watermains	Watermain - Outside Diameter 125mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 80.00	€ 122.50	€ 165.00
2700.9	Watermains	Watermain - Outside Diameter 110mm - Depths not exceeding 2 metres, Construction in Trench	m	€ 65.00	€ 92.50	€ 120.00
2701	Watermains	Watermain - Outside Diameter 100mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 65.00	€ 92.50	€ 120.00
2701.1	Watermains	Watermain - Outside Diameter 90mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 65.00	€ 92.50	€ 120.00
2701.2	Watermains	Watermain - Outside Diameter 80mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 65.00	€ 92.50	€ 120.00
2701.3	Watermains	Watermain - Outside Diameter 25mm- Depths not exceeding 2 metres, Construction in Trench	m	€ 40.00	€ 70.00	€ 100.00
2701.4	Watermains	Connection to existing watermain - Outside Diameter 355mm - Depths to invert not exceeding 2 metres	no	€ 2,000.00	€ 2,500.00	€ 3,000.00
2701.5	Watermains	Connection to existing watermain - Outside Diameter 280mm - Depths to invert not exceeding 2 metres	no	€ 1,000.00	€ 1,250.00	€ 1,500.00
2701.6	Watermains	Connection to existing watermain - Outside Diameter 180mm - Depths to invert not exceeding 2 metres	no	€ 700.00	€ 900.00	€ 1,100.00
2701.7	Watermains	Connection to existing watermain - Outside Diameter 160mm - Depths to invert not exceeding 2 metres	no	€ 700.00	€ 900.00	€ 1,100.00
2701.8	Watermains	Connection to existing watermain - Outside Diameter 125mm - Depths to invert not exceeding 2 metres	no	€ 700.00	€ 900.00	€ 1,100.00
2701.9	Watermains	Connection to existing watermain - Outside Diameter 110mm - Depths to invert not exceeding 2 metres	no	€ 600.00	€ 800.00	€ 1,000.00
2702	Watermains	Connection to existing watermain - Outside Diameter 100mm - Depths to invert not exceeding 2 metres	no	€ 600.00	€ 800.00	€ 1,000.00
2702.1	Watermains	Connection to existing watermain - Outside Diameter 90mm - Depths to invert not exceeding 2 metres	no	€ 600.00	€ 800.00	€ 1,000.00
2702.2	Watermains	Fittings - Flange Adapters - Nominal Bore: not exceeding 200mm, 80mm diameter	no	€ 100.00	€ 150.00	€ 200.00
2702.3	Watermains	Fittings - Flange Adapters - Nominal Bore: not exceeding 200mm, 100mm diameter	no	€ 125.00	€ 162.50	€ 200.00
2702.4	Watermains	Fittings - Flange Adapters - Nominal Bore: not exceeding 200mm, 150mm diameter	no	€ 175.00	€ 200.00	€ 225.00
2702.5	Watermains	Fittings - Flange Adapters - Nominal Bore: not exceeding 200 - 300mm, 250mm diameter	no	€ 300.00	€ 337.50	€ 375.00
2702.6	Watermains	Fittings - Flange Adapters - Nominal Bore: not exceeding 300 - 600mm, 350mm diameter	no	€ 280.00	€ 451.00	€ 622.00
2702.7	Watermains	Fittings - DI BEnds - Nominal Bore: not exceeding 200mm, 80mm diameter	no	€ 100.00	€ 137.50	€ 175.00
2702.8	Watermains	Fittings - DI Bends - Nominal Bore: not exceeding 200mm, 100mm diameter	no	€ 125.00	€ 150.00	€ 175.00
2702.9	Watermains	Fittings - DI Bends - Nominal Bore: not exceeding 200mm, 150mm diameter	no	€ 150.00	€ 162.50	€ 175.00
2703	Watermains	Fittings - DI Bends - Nominal Bore: not exceeding 200 - 300mm, 250mm diameter	no	€ 175.00	€ 200.00	€ 225.00
2703.1	Watermains	Fittings - DI Bends - Nominal Bore: not exceeding 300 - 600mm, 350mm diameter	no	€ 300.00	€ 375.00	€ 450.00

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Ref	Series 2700	Item Description	Unit	Lower	Median	Upper
<b>Watermains, Utilities and Accommodation Works</b>						
2703.2	Watermains	Fittings - DI Flange and Spigot Pipe - Nominal Bore: not exceeding 200mm, 80mm diameter	no	€ 75.00	€ 87.50	€ 100.00
2703.3	Watermains	Fittings - DI Flange and Spigot Pipe - Nominal Bore: not exceeding 200mm, 100mm diameter	no	€ 75.00	€ 112.50	€ 150.00
2703.4	Watermains	Fittings - DI Flange and Spigot Pipe - Nominal Bore: not exceeding 200mm, 150mm diameter	no	€ 75.00	€ 112.50	€ 150.00
2703.5	Watermains	Fittings - DI Flange and Spigot Pipe - Nominal Bore: not exceeding 200 - 300mm, 250mm diameter	no	€ 150.00	€ 175.00	€ 200.00
2703.6	Watermains	Fittings - DI Flange and Spigot Pipe - Nominal Bore: not exceeding 300 - 600mm, 350mm diameter	no	€ 200.00	€ 275.00	€ 350.00
2703.7	Watermains	Fittings - Junctions and Branches - Nominal Bore: not exceeding 200mm, 80mm diameter	no	€ 100.00	€ 150.00	€ 200.00
2703.8	Watermains	Fittings - Junctions and Branches - Nominal Bore: not exceeding 200mm, 100mm diameter	no	€ 150.00	€ 200.00	€ 250.00
2703.9	Watermains	Fittings - Junctions and Branches - Nominal Bore: not exceeding 200mm, 150mm diameter	no	€ 200.00	€ 250.00	€ 300.00
2704	Watermains	Fittings - Junctions and Branches - Nominal Bore: not exceeding 200 - 300mm, 250mm diameter	no	€ 300.00	€ 350.00	€ 400.00
2704.1	Watermains	Fittings - Junctions and Branches - Nominal Bore: not exceeding 300 - 600mm, 350mm diameter	no	€ 500.00	€ 625.00	€ 750.00
2704.2	Watermains	Fittings - PE Pipe Bend 45Deg SDR 17 - Nominal Bore: not exceeding 200mm, 125mm OD	no	€ 100.00	€ 125.00	€ 150.00
2704.3	Watermains	Fittings - PE Pipe Bend 45Deg SDR 17 - Nominal Bore: not exceeding 200mm, 180mm OD	no	€ 125.00	€ 150.00	€ 175.00
2704.4	Watermains	Fittings - PE Pipe Bend 45Deg SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 280mm diameter	no	€ 200.00	€ 275.00	€ 350.00
2704.5	Watermains	Fittings - PE Stub Flange SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 90mm OD	no	€ 75.00	€ 112.50	€ 150.00
2704.6	Watermains	Fittings - PE Stub Flange SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 125mm OD	no	€ 100.00	€ 137.50	€ 175.00
2704.7	Watermains	Fittings - PE Stub Flange SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 180mm OD	no	€ 150.00	€ 200.00	€ 250.00
2704.8	Watermains	Fittings - PE Stub Flange SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 250mm OD	no	€ 250.00	€ 300.00	€ 350.00
2704.9	Watermains	Fittings - PE Stub Flange SDR 17 - Nominal Bore: not exceeding 200 - 300mm, 355mm OD	no	€ 500.00	€ 625.00	€ 750.00
2705	Watermains	Fittings - DI Taper - Nominal Bore: not exceeding 200mm, 100mm diameter	no	€ 75.00	€ 112.50	€ 150.00
2705.1	Watermains	Fittings - DI Taper - Nominal Bore: not exceeding 200mm, 150mm diameter	no	€ 100.00	€ 125.00	€ 150.00
2705.2	Watermains	Fittings - DI DI Taper - Nominal Bore: not exceeding 200 - 300mm, 250mm diameter	no	€ 200.00	€ 225.00	€ 250.00
2705.3	Watermains	Fittings - DI DI Taper - Nominal Bore: not exceeding 300 - 600mm, 300mm diameter	no	€ 250.00	€ 275.00	€ 300.00
2705.4	Watermains	Fittings - DI DI Taper - Nominal Bore: not exceeding 300 - 600mm, 350mm diameter	no	€ 300.00	€ 325.00	€ 350.00
2705.5	Watermains	Fittings - DI DI Taper - Nominal Bore: not exceeding 300 - 600mm, 600mm diameter	no	€ 550.00	€ 700.00	€ 850.00
2705.6	Watermains	Ductile Iron - Sluice Valves - On-line - Hand operated - Not exceeding 200mm - Without puddle flanges	no	€ 75.00	€ 100.00	€ 125.00
2705.7	Watermains	Ductile Iron - Sluice Valves - Off-line - Hand operated - Not exceeding 200mm - Without puddle flanges	no	€ 100.00	€ 150.00	€ 200.00
2705.8	Watermains	Ductile Iron - Sluice Valves - On-line - Hand operated - 200 - 300mm - Without puddle flanges	no	€ 200.00	€ 300.00	€ 400.00
2705.9	Watermains	Ductile Iron - Sluice Valves - Off-line - Hand operated - 200 - 300mm - Without puddle flanges	no	€ 500.00	€ 625.00	€ 750.00
2706	Watermains	Ductile Iron - Sluice Valves - On-line - Hand operated - 300 - 600mm - Without puddle flanges	no	€ 1,000.00	€ 1,250.00	€ 1,500.00
2706.1	Watermains	Ductile Iron - Hydrants - On-line - Hand operated - 80mm - Without puddle flanges	no	€ 75.00	€ 100.00	€ 125.00

Ref	Series 2700	Item Description	Unit	Lower	Median	Upper
<b>Watermains, Utilities and Accommodation Works</b>						
2706.2	Watermains	Ductile Iron - Hydrants - Off-line - Hand operated - 80mm - Without puddle flanges	no	€ 75.00	€ 100.00	€ 125.00
2706.3	Watermains	Ductile Iron - Water Meters - Off-line - Hand operated - 80mm - Without puddle flanges	no	€ 100.00	€ 150.00	€ 200.00
2706.4	Watermains	Ductile Iron - Bulk Meters - On-line - Hand operated - 300 - 600mm - Without puddle flanges	no	€ 2,000.00	€ 2,750.00	€ 3,500.00
2706.5	Watermains	PE - Boundary Box - Nominal bore: not exceeding 200mm, 25mm OD PE	no	€ 25.00	€ 50.00	€ 75.00
2706.6	Connections	Connections for new 100mm HDPE branch watermain; Depths to invert not exceeding 2 metres - watermain trench and bedding details for existing roads - (STD-W-13); To existing 75mm cast iron watermain branch. Connections to details (STD-W-05) inclusive of all fittings	m	€ 1,500.00	€ 1,750.00	€ 2,000.00
2706.7	Connections	Connections for new 200mm HDPE branch watermain; Depths to invert not exceeding 2 metres - watermain trench and bedding details for existing roads - (STD-W-13); To Existing 250mm HDPE Watermain. Connection to details (STD-W-05) inclusive of all fittings	m	€ 1,750.00	€ 2,000.00	€ 2,250.00
2706.8	Valves and Penstocks	Valves and penstocks air valve nominal bore: not exceeding 200mm including all fittings	no	€ 350.00	€ 475.00	€ 600.00
2706.9	Valves and Penstocks	Valves and penstocks fire hydrant nominal bore: not exceeding 200mm including all fittings	no	€ 350.00	€ 475.00	€ 600.00
2707	Chambers	Chambers Air Valve / Sluice Valve Chamber - STD-W-15 Depths to invert exceeding 1.2m but not exceeding 2m D400 cover to IS EN124/5 on new / existing mains not exceeding 400mm dia.	no	€ 350.00	€ 475.00	€ 600.00
2707.1	Chambers	Chambers hydrant chamber (Mains 400mm diameter or less) - (STD-W-18) Depths to invert exceeding 1.2m but not exceeding 2m D400 cover to IS EN124	no	€ 350.00	€ 475.00	€ 600.00

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Ref	Series 3000	Item Description	Unit	Lower	Median	Upper
<b>Landscaping and Ecology</b>						
3000.1	Ground Preparation and Cultivation	Vegetation Clearance	m2	€ 1.00	€ 1.50	€ 2.00
3000.2	Ground Preparation and Cultivation	Subsoil Herbicide Treatment	m2	€ 1.00	€ 1.50	€ 2.00
3000.3	Ground Preparation and Cultivation	Final Preparation of Soils	m2	€ 2.00	€ 3.50	€ 5.00
3000.4	Planting	Hedges - H1 Prunus Lauro Cerasus "Rotundifolia"	m	€ 15.00	€ 22.50	€ 30.00
3000.5	Planting	Shrubs - FM1 Agapanthus "Bluebird"	no	€ 6.00	€ 9.00	€ 12.00
3000.6	Planting	Crataegus Media 'Paul's Scarlet' (hawthorn or whitethorn), 12-14 cm	no	€ 80.00	€ 100.00	€ 120.00
3000.7	Planting	Crataegus persimilis 'prunifolia spendens' (cockspur hawthorn), 12-14 cm	no	€ 80.00	€ 100.00	€ 120.00
3000.8	Planting	Euonymus Europaeus, 90-120 cm	no	€ 4.00	€ 6.00	€ 8.00
3000.9	Planting	Ilex aquifolium, 2.5-30 cm /RB	no	€ 278.00	€ 143.00	€ 8.00
3001	Planting	Prunus spinosa, 90-120 cm	no	€ 4.00	€ 6.00	€ 8.00
3001.1	Planting	Viburnum opulus, 90-120 cm	no	€ 4.00	€ 6.00	€ 8.00
3001.2	Planting	Hedera Helix, 'Glacier', 3L / 60-80 cm	no	€ 6.00	€ 7.00	€ 8.00
3001.3	Planting	Hedera Helix, 'Goldheart', 3L / 60-80 cm	no	€ 8.00	€ 10.00	€ 12.00
3001.4	Planting	Hydrangea anomala petiolaris, 3L / 60-80 cm	no	€ 8.00	€ 10.00	€ 12.00
3001.5	Planting	Parthenocissus quinquefolia, 2L / 60-80 cm	no	€ 6.00	€ 7.50	€ 8.00
3001.6	Planting	Parthenocissus tricuspidata, 2L / 60-80 cm	no	€ 6.00	€ 7.50	€ 8.00
3001.7	Planting	Pinus Nigra, 2.0-2.50 m /RB	no	€ 200.00	€ 350.00	€ 500.00
3001.8	Planting	Prunus Spinosa, 90-120 cm /BR/Form 1+1	no	€ 4.00	€ 6.00	€ 8.00
3001.9	Planting	Trees planting, species Acer, 'Pacific Sunset', 16-18 cm /RB/STD	no	€ 200.00	€ 350.00	€ 500.00
3002	Planting	Trees planting, species Betula Pubescens, 14-16 cm /RB/FTH	no	€ 125.00	€ 162.50	€ 200.00
3002.1	Planting	Trees planting, species Crataegus Persimilis, no 'Prunifolia Spendens', 12-14 cm /RB/STD	no	€ 60.00	€ 80.00	€ 100.00
3002.2	Planting	Trees planting, species Ilex Aquifolium, 1.75-2m /RB	no	€ 90.00	€ 105.00	€ 120.00
3002.3	Planting	Trees planting, species Pinus Sylvestris, 2.0-2.50 m /RB	no	€ 200.00	€ 350.00	€ 500.00
3002.4	Planting	Trees planting, species Acer Platanoides, Fairview', 16-18 cm /RB/STD	no	€ 200.00	€ 350.00	€ 500.00
3002.5	Planting	Trees planting, species Acer Rubrum, 'October Glory', 16-18 cm /RB/STD	no	€ 200.00	€ 350.00	€ 500.00
3002.6	Planting	Trees planting, species Amelancjier Lamarkii, 16-18 cm /RB/Mult-Stem	no	€ 200.00	€ 350.00	€ 500.00
3002.7	Planting	Trees planting, species Betula Pendule, 14-16cm /RB/FTH	no	€ 200.00	€ 350.00	€ 500.00
3002.8	Planting	Trees planting, species Acer platanoides, Crimson King, 25-30 cm /WRB/SM/CS	no	€ 200.00	€ 350.00	€ 500.00
3002.9	Planting	Trees planting, species Acer platanoides, Ebben's Column, 25-30 cm /WRB/SM/CS	no	€ 200.00	€ 350.00	€ 500.00
3003	Planting	Trees planting, species Acer tataricum susp. ginnala, 20-25 cm /WRB/Multi-Stem	no	€ 200.00	€ 350.00	€ 500.00
3003.1	Planting	Trees planting, species Amelachier Lamarkii, no 20-25 cm /WRB/Multi-Stem	no	€ 200.00	€ 350.00	€ 500.00
3003.2	Planting	Trees planting, species Quercus Palustris, no Fastigate', 4.5-5 m /WRB/SM/CS	no	€ 200.00	€ 350.00	€ 500.00
3003.3	Planting	Trees; Betula Nigra	no	€ 200.00	€ 350.00	€ 500.00
3003.4	Planting	Trees; Pyrus 'Chanticleer'	no	€ 200.00	€ 350.00	€ 500.00
3003.5	Planting	Trees; Quercus Rubra	no	€ 200.00	€ 350.00	€ 500.00
3003.6	Planting	Ornamental Planting; Calamogrostis x acutiliflora 'Kalr Foester'	no	€ 6.00	€ 7.50	€ 9.00
3003.7	Planting	Ornamental Planting; Euonymus 'Emerald Gaiety'	no	€ 6.00	€ 7.50	€ 9.00
3003.8	Planting	Ornamental Planting; hydrangea 'Limelight'	no	€ 6.00	€ 8.00	€ 10.00
3003.9	Planting	Ornamental Planting; Luecanthemum x superbum	no	€ 6.00	€ 7.00	€ 8.00
3004	Planting	Ornamental Planting; Rudbeckia 'Deamil'	no	€ 6.00	€ 7.50	€ 9.00
3004.1	Planting	Ornamental Planting; Vinca minor 'Argenteomarginata'	no	€ 8.00	€ 8.00	€ 8.00
3004.2	Planting	Ornamental Planting; Vinca minor 'Argenteomarginata'	no	€ 6.00	€ 7.00	€ 8.00
3004.3	Planting	Climber Planting; Wisteria Sinensis	no	€ 14.00	€ 16.00	€ 18.00
3004.4	Planting	Climber Planting; Trachelospermum Jasminoides	no	€ 12.00	€ 14.00	€ 16.00
3004.5	Planting	Wildflower meadow mix 'Golden Summer' at a rate of 2grms/m2	no	€ 3.00	€ 4.00	€ 5.00