### Indicative Rates for Civils and Services Infrastructure

#### Roads
- **Two lane road 7.3 m wide, rural location**
  - Length: m, Unit: £, Range: 1,050-1,300
- **Two lane road 7.3 m wide, urban link road**
  - Length: m, Unit: £, Range: 1,600-2,100
- **Four lane road, dual carriageway, 25.6 m wide overall, rural location**
  - Length: m, Unit: £, Range: 1,500-1,850
- **Four lane road, dual carriageway, 23.1 m wide overall, urban location**
  - Length: m, Unit: £, Range: 1,500-1,900

#### Civil Structures
- **Bridge: In-situ concrete**
  - Length: m, Unit: £, Range: 1,200-1,300
  - Height: m, Unit: £, Range: 1,100-1,200
- **Road bridge: Precast concrete beams**
  - Length: m, Unit: £, Range: 1,250-1,350
  - Height: m, Unit: £, Range: 1,200-1,250
- **Footbridge: Precast concrete beams**
  - Length: m, Unit: £, Range: 1,000-1,050
  - Height: m, Unit: £, Range: 1,050-1,100

#### Ground Stabilisation and Site Levelling
- **Erosion control mat: Topsoil**
  - Area: m², Unit: £, Range: 6-8
- **Revetment: Stone-filled mattresses gabions, 1 m thick**
  - Area: m², Unit: £, Range: 85-120
- **Retaining wall: Timber cribwall**
  - Area: m², Unit: £, Range: 130-250
- **Retaining wall: Precast concrete cribwall**
  - Area: m², Unit: £, Range: 240-275
- **Retaining wall: Precast concrete, complete**
  - Area: m², Unit: £, Range: 310-350
- **Retaining wall: In-situ concrete, complete**
  - Area: m², Unit: £, Range: 330-420
- **Filling to make of levels: Material retained on site**
  - Area: m², Unit: £, Range: 3-5
- **Excavation to revised formation level: Disposal of material off site, London**
  - Area: m³, Unit: £, Range: 25-45
- **Excavation to revised formation level; as above, rest of UK**
  - Area: m³, Unit: £, Range: 15-27

#### Land Drainage
- **Land drain: 150 mm dia, depth to invert: 450-600 mm**
  - Length: m, Unit: £, Range: 15-20
- **Land drain: 150 mm dia, depth to invert: 450-600 mm, Dispose surplus off site**
  - Length: m, Unit: £, Range: 20-25
- **Sump for land drain: depth to 12 m**
  - Unit: £, Range: 680-675

#### Below-ground Drainage: Highways
- **Average rate for drainage including trench, pipework and accessories**
  - Area: m³, Unit: £, Range: 120-190
- **Manholes installation complete, rate based on 2 m depth**
  - Unit: £, Range: 1,000-1,800

#### Below-ground Drainage: Public Realm
- **Average rate for drainage including trench, pipework and drainage channels**
  - Area: m³, Unit: £, Range: 200-325
- **Polypropylene inspection chambers: Granular bed & surround, 475 mm dia, average depth: 1000 m**
  - Unit: £, Range: 350-400
- **Drainage channel: ACO type, PD100 including cover, Class C**
  - Unit: £, Range: 70-100
- **Drainage Channel: ACO type, PD100 sump Class C**
  - Unit: £, Range: 140-160

#### Below-ground Services: Trench Rates
- **600 mm drain, average depth to invert: 1500 mm, granular bed and surround**
  - Unit: £, Range: 130-150
- **450 mm drain, average depth to invert: 1520 mm, granular bed and surround**
  - Unit: £, Range: 80-100
- **300 mm drain, average depth to invert: 1200 mm, granular bed and surround**
  - Unit: £, Range: 50-70

#### Water Main
- **PVAC water main: 75 mm; In 150 mm cast-iron pipe as duct**
  - Unit: £, Range: 50-90

#### Electric Main
- **600/1000 volt cable, 100 mm clayeware duct; granular bed and surround**
  - Unit: £, Range: 31-37

#### On Site LV Distribution
- **Armoured LV cable in trench: 3 core 2.5mm cable; trench backfilled with excavated material**
  - Unit: £, Range: 10-17

#### Gas Main
- **MDPE pipe: 15 mm; On granular bed and surround**
  - Unit: £, Range: 50-65

#### Telecommunications
- **PVAC duct: 4 x 100mm; on granular bed and surround; backfill with excavated material; marker tape**
  - Unit: £, Range: 22-40

#### High-voltage Electricity
- **11 kV overhead power lines (cost per run)**
  - Length: km, Unit: £, Range: 30,000-40,000
- **11 kV underground power lines (cost per run)**
  - Length: km, Unit: £, Range: 95,000-105,000