

**Recommended Rates**  
**RATES FOR PIPE LAYING OF HDPE/ uPVC/ DI PIPES,**  
**FITTINGS, VAVLES, SPECIALS AND ACCESSORIES**

## **RATES FOR RATES FOR PIPE LAYING OF HDPE/PVC/DI PIPES, FITTINGS, VALVES, SPECIALS AND ACCESSORIES**

### **SUMMARY OF MAIN ITEMS**

#### **1.0 CLASS A: GENERAL ITEMS**

- 1.1 Engineer's Office
- 1.2 Transport Facilities
- 1.3 As-built Drawings
- 1.4 Surveying
- 1.5 Dayworks - Labour
- 1.6 Dayworks - Material
- 1.7 Dayworks - Equipment

#### **2.0 CLASS I: PIPEWORK - PIPES**

- 2.1 Laying of pipes in trench with maximum depth not exceeding 1.5m
- 2.2 Laying of pipes in trench with maximum depth 1.5 - 2.5m
- 2.3 Laying of pipes in trench with maximum depth exceeding 2.5m
  
- 2.4 Laying of pipes in common trench with maximum depth not exceeding 1.5m
- 2.5 Laying of pipes in common trench with maximum depth 1.5 - 2.5m
- 2.6 Laying of pipes in common trench with maximum depth exceeding 2.5m

#### **3.0 CLASS J: PIPEWORKS - FITTINGS & VALVES**

- 3.1 Bends, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds (excluding restrain bends)
- 3.2 Bends, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds (excluding restrain bends)
- 3.3 Restrain Bends, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds
- 3.4 Tees, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds
- 3.5 Restrain Tees, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds
- 3.6 Tapers/ Reducers, extra over to pipe laying in trench (PVC / HDPE / DI)
- 3.7 Tapers/ Reducers, extra over to pipe laying in trench (PVC / HDPE / DI)
- 3.8 Restrain Tapers/ Reducers, extra over to pipe laying in trench
- 3.9 End Caps/ Plugs, extra over to pipe laying in trench at any types of Roads/ Shoulders/ Paddy or Marshy grounds
- 3.10 Air Valves ( depth of Chamber not exceeding 1.5m)
- 3.11 Air Valves ( depth of Chamber 1.5-2.5m)
- 3.12 Air Valves ( depth of Chamber exceeding 2.5m)
- 3.13 Air Valves ( above ground not in chamber)
- 3.14 Wash-out Valves ( depth of Chamber not exceeding 1.5m)
- 3.15 Wash-out Valves ( depth of Chamber 1.5-2.5m)
- 3.16 Wash-out Valves (depth of Chamber exceeding 2.5m)
- 3.17 Wash-out Valves with Scour Outfall Structures
- 3.18 Inline Valves without Chamber
- 3.19 Inline Valves (depth of Chamber not exceeding 1.5m )
- 3.20 Inline Valves ( depth of Chamber 1.5-2.5m )
- 3.21 Inline Valves ( depth of Chamber exceeding 2.5m )
- 3.22 Fire Hydrants
- 3.23 Pressure Reducing Valves

#### **4.0 CLASS K: PIPEWORKS-MANHOLES AND PIPEWORK ANCILLARIES**

##### **CULVERT CROSSINGS**

- 4.1 Culvert crossings, Type A1b
- 4.2 Culvert crossings, Type B1
- 4.3 Culvert crossings, Type B4
- 4.4 Culvert crossings, Type D1
- 4.5 Culvert crossings, Type E1
- 4.6 Culvert crossings, Type E1A
- 4.7 Culvert crossings, Type A3b
- 4.8 Culvert crossings, Type B3
- 4.9 Culvert crossings, Type B6
- 4.10 Culvert crossings, Type D3
  
- 4.11 Culvert crossings, Type E3
- 4.12 Culvert crossings, Type E3A
- 4.13 Culvert crossings, Type A2b
- 4.14 Culvert crossings, Type B2
- 4.15 Culvert crossings, Type B5
- 4.16 Culvert crossings, Type D2
- 4.17 Culvert crossings, Type E2
- 4.18 Culvert crossings, Type E2A
- 4.19 Culvert crossings, Type D4
- 4.20 Permanent Road Reinstatement

#### **5.0 CLASS L: PIPEWORKS-SUPPORTS AND PROTECTION, ANCILLARIES TO LAYING AND EXCAVATION**

- 5.1 Supporting Columns for Culvert Crossings Type "E" - Height upto 3.0m
- 5.2 Supporting Columns for Culvert Crossings Type "E" - Height 3.0-4.5m
- 5.3 Supporting Columns for Culvert Crossings Type "E" - Height upto 4.5-6.0m
- 5.4 Imported Backfilling Material
- 5.1 Supporting Columns for Culvert Crossings Type "E" - Height upto 3.0m
- 5.2 Supporting Columns for Culvert Crossings Type "E" - Height 3.0-4.5m
- 5.3 Supporting Columns for Culvert Crossings Type "E" - Height upto 4.5-6.0m
- 5.4 Imported Backfilling Material
- 5.5 Special Type, Bedding "Type C" and "Type D" with Crushed stone
- 5.6 Special Type, Haunching "Type A" with Mined Sand/ Sand
- 5.7 Special Type, Haunching "Type A" with Quarry Dust and "Type C" with Crushed Stone
- 5.8 Special Type, Haunching "Type B1" with imported Soil
- 5.9 Special Type, Haunching "Type B2" with Selected Excavated Soil
- 5.10 Special Type, Surrounding "Type A" with Mined Sand/ Sand
- 5.11 Special Type, Surrounding "Type D" with Mined Sand/ Sand
- 5.12 Special Type, Surrounding "Type C" with Mined Sand/ Sand
- 5.13 Special Type, Surrounding "Type A", "Type C" & "Type D" with Quarry Dust / Crushed stone
- 5.14 Special Type, Surrounding "Type B1" with imported Soil
- 5.15 Special Type, Surrounding "Type B2" with Selected Excavated Soil
- 5.16 Rock Excavation

#### **6.0 CLASS X: MISCELLANIOUS WORK**

- 6.1 Service Connections