

General Description of Work

Contractor shall design, procure materials and install fibre for the area identified above.

The existing trunk line shall be identified in the PoP site compound and a civil link shall be connected into the PoP site cabinet.

FDH splitter street cabinets shall be erected and tied into the existing chambers

A high fibre count cable shall be installed from the PoP site into the area and distributed into the FDH cabinets

The distribution cables shall then be installed from the associated FDHs into the customer area and terminated in network access points (NAPs). These NAPs are underground splice joints which will be housed in existing chambers.

The system shall be completely terminated and tested as per Telecom Unit specifications.

Haya provided materials

Haya Water shall provide a Work Package to the Contractor that identifies the Area to be constructed.

The Work Package shall include;

- Civil Drawings

- Straight Line Diagrams

- Splice Schematics

- Cabling Drawings

Construction Works

The Construction works included in any Work Package may include, but is not limited to all or any of the following:

Work within trunk routes, minor roads, housing estates, private streets and lands

Work with special engineering difficulty, including works of a specialist nature and the like

Trial holes and location of existing services

All temporary works including traffic management, protection of the public and all operatives associated with the project.

Open excavation trench work and reinstatement of existing surface finishing to roads and / or footpaths verges and the like

Installation of ductwork into excavations in carriageways, footpaths, verges and the like via Micro-trenching or traditional open excavation

Construction of chambers into carriageways, footpaths, verges and demolishing / rebuilding existing chambers

Core drilling into existing manholes and inspection chambers

Operation of Micro trenching machines

Excavation of tails from main micro trench in footway to Boundary

Installation of FTTH Fibre using traditional and blown method
Installation of break out joints and GPON joints into chambers
Preparation and Splicing of feed fibre cables within the GPON, FDH's, NAP's and ODF
Installation of ODF termination trays into ODF racks located in the POP(s)
End to end loss ILM testing, OTDR testing and production of results