

ANNEX D

SCOPE OF WORK COVERED BY CONTRACT DOCUMENTS

1. The Works involve the supply and installation of a replacement 6-inch diameter HDPE water main with tracer wire in Middle Road, Devonshire from Fort Hill Road to Watlington Road West. This will be undertaken in sections of either open trench works or by pulling a new pipe inside an existing 8-inch PVC water main from feed and pull access pits.
2. **The Works consist of:**
 - A. The excavation of an open trench along Fort Hill Road to install a 6-inch pipe replacement for an existing 4" dia main over a nominal length of 480ft, including backfill and reinstatement of the trench and road surface.
 - B. The excavation of an open trench along as required in Middle Road to install a 6- inch pipe replacement for an existing 8" dia main over a nominal length of 720ft, including backfill and reinstatement of the trench and road surface.
 - C. The excavation of 11 access pits along a route of 2,900 ft of 8-inch pipeline, open up existing pipe and pull a new 6-inch HDPE inside of existing PVC pipe. The work will include reconnecting the new to existing at each pit and backfill and reinstatement of the pit and road surface.
3. Along the route 6No. Service connections from the new 6" diameter main to ¾" water meters required. A 6" diameter tee off to an isolation valve to be installed to connect to the existing 6" diameter PVC water Main at the junction with Tee Street.
4. The contractor will be responsible for the transport of all materials to storage on site or off site. Bidders shall make their own assessment of existing facilities, conditions and difficulties which will attend the execution of the Works called for by the proposed works contract; including local conditions, constraints due to working in an occupied area with restricted hours, labour conditions, uncertainty of weather, difficulties with access, and all other reasonable contingencies. Bidders shall satisfy themselves by personal examination of the site of the proposed Works and by such other means as they choose as to actual conditions and requirements, and as to the quantities required. It is the Bidders Responsibility to contact all utility companies to determine the location of existing services prior to any excavation works.
5. The Contractor shall contact representatives of all utilities to ascertain the location of all underground services. All such services positions shall be clearly marked at the surface PRIOR to any trenching and/or excavation works commencing. The Contractor shall be fully responsible for any damage to services that were clearly marked at the surface caused by the Contractors work and shall fully indemnifies the Employer from any liability arising from any such damages.

6. Prior to trenching and/or excavation in the public carriageway the Contractor shall make an application to the Highway Authority for a License and be responsible for all associated fees. The Contractor shall comply with all requirements of the Trenching License and shall indemnify the Employer against any claim under the terms of the Trenching License for the end of maintenance requirements, specifically Clause 8 of the Trenching License Standard Conditions.

Bidder's Schedule

Bidders are advised that in order to comply with the tendering procedure for this Contract, Bidders shall include with their completed tenders a statement of the length of time required to complete the Works. The Ministry may request a complete detailed schedule for completion of the works after the submission of tenders in order to fully evaluate the tenders. Failure to provide a schedule within five (5) working days may result in the tender being rejected.

The schedule shall be in the form of a bar chart in electronic format (e.g. Microsoft Project) and will be fully detailed to include all construction activities from commencement to completion of the project. All critical path construction activities will be identified. The key milestones in the construction process will also be identified.

Bidders are to specify their most cost effective completion date.

The Bidder shall make every effort to complete the Works by the stipulated completion date, and shall adjust his schedule of activities accordingly.

The Bidder shall pay extra costs to complete the work on schedule, which may be incurred because of: increasing the labour force; increasing working hours either by overtime or by using shifts; using more equipment and machinery; or any other procedure which must be used.

Include in tender for any overtime or abnormal shift required to complete the project. Allow for extra care to minimize disruptions in an operational facility.