

## **APPENDIX 1/16: Private and Publicly Owned Services and Supplies**

The following services are installed on the Bridge and will be made available to the Contractor where practical, though not for his exclusive use, during the period of the contract. Details of the charges and conditions which shall apply to the use of the supplies can be obtained from the Forth Estuary Transport Authority.

Where an existing service is utilised for the Works, the Contractor shall be responsible for the supply, connection, maintenance and use of all connection, power lines, flexible hoses and any other items installed by the Contractor for the purposes of the Works.

The supply of any of the following services cannot be guaranteed and in the event of a loss of the service for whatever reason, the Contractor will be required to make alternative arrangements at his own expense for the duration which the service is not available.

**Electricity** A 100 amp fused terminal for a 415 Volt 3 phase power supply is available to the Contractor at the electrical switch gear cabinets located on the side span face of each tower leg, externally at road level. This connection may be used for lighting and small tools only.

**Air** A compressed air ring main supply is located at deck level between the carriageway and the footway/ cycle path. Air is delivered at approximately 100 psi through a 2 inch instantaneous connection from the ring main installation.

The Contractor may take supplies of compressed air from the ring main installation which runs the full length of the Bridge side and main spans, free of charge, during the hours of 08.30 to 16:00 hours Monday to Thursday, and 08:30 to 12:00 hours Friday. Requests for the supply out with these hours and on weekends shall be made to the General Manager at least 48 hours in advance. The Contractor shall reimburse all costs incurred by the Authority in providing the supply out with normal working hours.

In the event of a breakdown in the bridge supply the Contractor shall be responsible for making alternative provisions for the period of the breakdown. The cost of such a provision shall be the sole responsibility of the Contractor.

**Water** A ring main is located at deck level between the carriageway and the footway/ cycle path. The main provides a 1 inch instantaneous connection with the water pressure at the pump house, located below the approach viaduct being approximately 75 psi. The water supply is turned off and drained in winter for a period of approximately four months (November to March) depending on temperature.

Specific procedures may apply regarding access to these services.