

2.2 Instrumentation and Monitoring Works

- 2.2.1 The Authority will engage a specialist Instrumentation and Monitoring Contractor (IMC). The Contractor shall refer to **Clause 14** of the Particular Specification for the requirement.

2.3 Qualified Person (Design) (QP(D))

- 2.3.1 The Contractor shall engage all the required QP(D) for the design of all disciplines including Architectural, Civil and Structural, Geotechnical, Electrical and Mechanical works and Temporary Works as required for all necessary statutory approvals and permits for the Works.
- 2.3.2 The Contractor's QP(D) shall liaise with the QP(S) to resolve all technical issues to the satisfaction of the QP(S) and to the acceptance of the Engineer. The Contractor is not entitled to any time extension and/or cost for complying with the QP(S)'s requirements and any delay in the resolution of the technical issues. The Contractor shall ensure his QP(D) or QP(Geotechnical) where applicable is responsible for civil and structure, geotechnical design, rail alignment check that all CDC, Materials & Workmanship Specification for Civil & Structural Works are complied with.
- 2.3.3 The Contractor and his QP(D) shall attend meetings with the BCA and other agencies on design and/or construction matters relating to the Works.
- 2.3.4 The Contractor shall coordinate with the E&M System-Wide Interfacing Parties and comply with the requirements of BCA Green Mark. The Contractor shall incorporate in his design to achieve a minimum BCA Green Mark certification. The Contractor shall submit his design for both BCA Green Mark compliance and BCA Green Mark Certification. The cost for both BCA Green Mark compliance and BCA Green Mark Certification shall be deemed included in the Contract Price.

2.4 Qualified Person (Supervision) (QP(S)) – Civil

- 2.4.1 The Authority will appoint under a separate contract a QP(S) as required by the Building Control Act and Building Control Regulations. However, the Contractor shall engage his own QP / PE / LEW / Licensed Plumber for supervision of water services, sanitary works, sewerage and drainage systems, and electrical and mechanical services.