2 OPERATION

2.1 Operations

The range of Operation shall include but shall not be limited to the examples of activities listed below:

- Operate the stormwater drainage networks
- Operate the pumping station Civil, M&E and ICA assets to maximize pass forward flow of stormwater water.
- Collect and transport waste materials from the network and pumping stations to licensed disposal facilities.
- Provide all services including fuel to standby generators, plant equipment and vehicles.
- Provide routine meter readings for electricity consumption at any facility.
- Provide a safe working environment at the facilities.
- Minimize noise nuisance from the facilities.
- Take and record meter readings on all flow meters.
- Take and record electricity meter readings.
- Manage and respond to system alarms.
- Provide all vehicles and resources utilized in the delivery of the service.
- Identify and mitigate potential pollution risks to the environment.
- Reporting and recording of all O&M activities through the Asset Management System and SCADA.

Where applicable, the O&M Contractor shall be responsible for the delivery of operation of all facilities irrespective of the Asset Condition Grade (ACG) of the component assets.

2.2 Operation Methodology

The requirements of O&M cover both the operations and maintenance of all specified facilities on a day to day basis to achieve the required goals and objectives by:

a) Adopting a coordinated and planned operations policy for the contract with the aim of providing a cost effective service whilst providing on-going security of service and assurance as to the operation of the asset.

b) Basing operation management on sound planning, good communications and good working relationships between all parties concerned.

c) Optimizing the operation system with the help of accurate operational records and management science.

d) Organizing the different levels of operation procedures into the following:
   - Routine operation procedures which are normally carried out without shutting down of plant. These include operational data gathering, plant condition monitoring, pump/ equipment status, cleaning etc.
   - Routine operational procedures for shutting down of plant for not more than two hours continuously and where a standby facility is available. The Contractor shall co-ordinate the shut-down with his maintenance requirements. Prior to any shut-down, the SCADA Central Control Center (CCC) shall be informed and confirm acceptance before any work is carried out.