

- In each pumping station, and
- At the WWTP
- Surrounding wall or permanent fence of the WWTP (one plaque between each pole)

4.6 Temporary Works

The Contractor shall build the necessary temporary works to the sites at his own cost.

No direct payment will be made to the Contractor for constructing temporary works used for construction operations, or for improving, repairing or maintaining any existing road or structure thereon that may be used by the Contractor for performance of the works, such as crossing of roads, railways etc. The cost of all temporary works shall be included in the prices of the other items of work.

4.7 Protection of the Environment

(Yellow Book, Sub-Clause 4.18)

The contractor shall submit with 30 days of the commencement date a detailed Environment Management Plan to mitigate any damage to the environment which may result from construction activities.

4.7.1 General

An Environmental Impact Assessment Report (EIA) for the construction of the WWTP has been completed by the Employer. The 'EIA and Public Consultation Report' is included in Volume 5. Specific landscaping measures have been included in the design of the WWTP in order to reduce the visual impact of the WWTP.

In order to address the environmental impacts associated with the construction of the works, the Contractor shall, in parallel with the detailed design for the civil works, submit an environmental management plan (EMP).

The EMP may include, but should not be limited, to the following:

- **Solid waste disposal** of all construction material and disposal sites for excess and waste materials in an environmentally safe manner; the material should be recycled to the extent possible and where this is not possible, it should be disposed of away from the site in a suitable landfill. Burning on site will not be allowed;
- **Liquid waste management** related to potential spills of combustibles and chemicals used during the construction in an environmentally safe manner away from the site in accordance with the national regulations;
- **Minimize equipment impacts** related to the use of heavy machinery in relation to human health and the general environment. This includes minimizing potential damage on the vegetation, noise emissions, dust and accidental spills of combustibles which may lead to the contamination of potable water;
- **Sanitary waste disposal** from all human wastes at the construction camps in an environmentally safe manner (e.g., chemical latrines);