



Project Description

The scope of works is the improvement of the stormwater drainage infrastructure at 'In2Foods' and 'Bidvest', still on ASCA property to an adequate standard. Infrastructure upgrades and existing infrastructure maintenance is required to prevent the current flooding issues.



Figure 1: Stormwater drainage

Scope of works

Works will be based on COLTO standard specifications for road & bridge works for South African Road Authorities (chapter 1.2 ,1.3, 1.4, 1.5, 1.6, 2.1, 3.1, 3.2 and 3.3)

- General requirements & provisions
- Drains
- Culverts
- Concrete kerbing and channels

The activities will consist of the following:

- Clearing and grubbing
- Excavations for open drains
- Installation of culverts
- Installation of open drains

Contractors Requirements

- i) Compilation and submission for approval of a detailed site safety plan and work method statements
- ii) Compile and submit a quality management plan for approval by the Employer's Agent.
- iii) Compliance with local and national Occupational Health and Safety regulations (OHS Act No. 85 of 1993) and ACSA Health and Safety regulations.
- iv) Full compliance with the ACSA Environmental Specifications.
- v) Establishment on site of the camp, asphalt plant and construction equipment on the area allocated for this project.
- vi) Locating, relocating (where required) and protection of all services in the work areas.
- vii) Undertaking of asphalt mix designs and trials to prove compliance with specifications.
- viii) Cleaning of the construction area after each work shift to the satisfaction of AM staff.

Changes to Scope of Work

It is a condition of this contract that the employer reserves the right to limit the total expenditure on the Works due to possible budget constraints. Should the tender sum exceed the budgeted amount, the scope of the works may be reduced at any time before or during the contract period to ensure that the final contract amount does not exceed the budgeted amount.

TEMPORARY WORKS

The Contractor shall obtain written permission from the Employer's Agent before construction of any temporary works may commence. Temporary works will include the following:

- (a) Placing and removal of barricades where required.
- (b) All facilities within the Contractor's construction camp. The design shall comply with the specifications where provided in these documents and all statutory requirements such as the Occupational Health and Safety Act and Regulations. The area is to be reinstated upon completion.
- (c) Access roads for the construction camp and temporary material stockpile site. These roads are to be designed, constructed and maintained by the Contractor to comply with safety and environmental requirements. They must be reinstated upon completion the Works.

HEALTH AND SAFETY

• Health and Safety Requirements and Procedures

Health and Safety requirements and procedures are presented in Annexure B, Section C3.7.1.

- **Barricades and lighting**

Requirements for the provision and usage of barricades and lighting and Sections A1.3 and A1.5 of the Specifications.

- **Traffic Control**

Safety requirements and procedures where the Contractor has occupation of taxiways, runways or roads are stated in **Volume 5** and **Section A1.5 of the Specification**.