

TRANSPORT AND TRAFFIC MANAGEMENT PLAN

1. PURPOSE

The objective of the traffic management plan is the prevention of incidents from the use of vehicles and disturbance of local traffic on public roads during the construction, operation and decommissioning phases of the proposed projects. Traffic volumes are most likely to increase during the construction phase. However, due to the remote location of the site, and the low volume of traffic on public roads in the area the impact is expected to be low.

Actions to be implemented by the Contractor and the Developer:

- » Site-specific traffic plan to be developed and implemented during the detailed design phase prior to construction;
- » Limit use of private cars by arranging mini bus transport service for workers;
- » Monitor for overloading of vehicles;
- » Use only well trained, suitably qualified and experienced drivers in possession of an appropriate and valid driver's license;
- » All vehicles must be roadworthy and serviced regularly;
- » Clear and visible signage must be placed on and around site, clearly demarcating safe entry and exit points;
- » Require all drivers to abide by standard road and safety procedures on site;
- » When travelling on public roads all speed limits and rules of the road must be adhered to; and
- » Limit dust generation by applying dust suppressants and postponing dust generating activities during period of strong winds and enforcing a strict speed limit of 40 km/h on site roads.

Monitoring actions to be conducted by the ESO and ECO:

- » Maintain incidents/complaints register for community complaints; and
- » Monitor dust generation and implementation of management actions detailed above.

2. Transport Management Plan

The Transport Management Plan aims to ensure the safe transportation of all components required for the construction of the proposed projects to the construction site. This includes the, turbines, substation transformers, electrical cables and pylon structures.

The following actions should be implemented by the developer and Contractor:

- Apply for all relevant permits for abnormal loads and route clearances with the relevant authorities prior to construction;
- Appoint a qualified specialist to conduct a detailed site-specific Transport Risk Assessment during the detailed design phase and prior to construction;
- Determine the pre-construction condition of the road immediately prior to construction by carrying out a condition assessment or from recent pavement management system condition assessments if available from the Provincial Authorities;
- Public notices regarding any planned abnormal load transports must be placed at the construction site to inform affected parties;
- Abnormal loads must conform with legal maximum dimensions, and vehicles carrying abnormal loads must display sufficient signage; and

- Any roads damaged during the transportation of components, or from other construction vehicles must be rehabilitated and returned to pre-construction conditions.

The ECO must conduct site monitoring and report non-compliance with the above-mentioned condition to the Developer's Site Manager.