



TERMS OF REFERENCE FOR A DIRECTED WRC PROJECT

KEY STRATEGIC AREA	KSA 3: WATER USE AND WASTE MANAGEMENT
THRUST	1: WATER SERVICES
PROGRAMME	1: COST RECOVERY IN WATER SERVICES
TITLE	A HIGH-LEVEL SCOPING STUDY ON THE POTENTIAL OF WATER EFFICIENCY IN THE TOURISM INDUSTRY

Objectives:

General:

A high-level study into building a strategy for water security and efficiency in the Tourism Industry

Specific Aims:

1. Provide a detailed overview and estimate of the water consumption of the tourism industry.
2. Critically review and document current practice, best practice and innovative new solutions being employed.
3. Determine the water consumption and specific water consumption (local and global indicators, targets; benchmarks, diurnal trends) and recommend targets for use, reuse, recycling and technology adoption.
4. Determine wastewater generation, and typical pollutant loads (diurnal trends) and best practice technology adoption.
5. Determine local electricity, water, and effluent prices and by-laws within which these industries function and critically evaluate if the trends and indicators are in line with water conservation demand management and environmental imperatives.
6. Provide recommendations on the best practice for this industry.

Rationale:

The tourism industry is a key growth industry in South Africa, with its growth having a potential for job creation, diversity and BEE. Like many industries, climate variability and its impact of water availability poses a significant risk to this industry. However, the tourism industry has a huge potential in finding ways and solution to mitigate these challenges but also be a key player in contributing to

water security by setting benchmarks through improved water use and efficiency.

We expecting as outputs for the study to recommend and estimate plans towards:

- Tourism sector water security strategy
- Tourism water smart Programme
- Responsible tourism aligned to green processes, cleaner production, energy efficiency
- Incentive processes and strategies

Note:

Successful applicants need to demonstrate a strong ability for capacity building in the project.

Deliverables:

1. Reports on key aspects researched as per specific objectives
2. Workshop/s with key stakeholders
3. Draft Final Report
4. Final Report

Lighthouse:

- Water Sensitive Design

Impact Areas:

- Water and the Economy; Water and the Environment; Water and Society

Knowledge Tree

- Sustainable Development Solutions

Time Frame: 6 months

Total Funds Available: R300 000.00