

## **Scope of works**

# **SENTECH STP Once off Collection of Fluorescent Bulbs/Tubes**

Once-off Collection, Transportation and Recycling Fluorescent Bulbs/Tubes in terms of National Environment Management Act (NEMA) which is the statutory framework to enforce Section 24 of the Constitution of the Republic of South Africa.

## **1. Background**

Used fluorescent tubes must be collected and disposed of as hazardous waste due to their mercury content. They should not be thrown in regular trash and must be handled by certified recycling programs to ensure safe mercury and other toxic material handling.

The Human Sciences Research Council (SENTECH SOC LIMITED) seeks to appoint a suitably abled service provider to collect used light tubes from SENTECH SOC LIMITED Head Office, 1 Octave Street, Radiokop and dispose such in appropriate and legal manner

## **2. Applicable legislation**

- Occupational Health and Safety Act 1993 (Act 85 of 1993) and its Regulations.
- COID Act.
- Applicable South African National Standards (SANS).
- National Road Traffic Act, (Act 93 of 1996).
- National Environmental Management Act, (Act 107 of 1998).
- National Environmental Management Waste Act, (Act 59 of 2008) and its regulations.
- Any other applicable South African Legislation

## **Handling System**

Due to the large number of lamps to be recycled, an effective and efficient handling system must be implemented. This should include the following:

All personnel must have the correct Personal Protective Equipment as specified in the Risk Assessed Method Statement.

### **3. Transportation**

- . All Lamps must be transported in a completely enclosed and lockable truck.
- . All Lamps must be secured and tied down within the truck storage compartment.
- . All vehicles must have an Emergency Clean-Up Kit.

### **4. Collection**

All lamps should be collected in the following manner.

- . In a drum or closed container.
- . Drums or container must be labelled as containing Hazardous Waste
- . All full drums to be labelled in accordance with Hazardous Waste requirements.
- . All lamps and full Drums must be transported to the Recycling Plant in compliance with the National Road Traffic Act.

### **5. Disposal**

Disposal and recycling should be done at certified facilities to ensure that fluorescent Tubes are disposed of sustainably, hence A RECYCLING CERTIFICATE indicating waste type, volume and Recycling Site must be issued to the SENTECH SOC LIMITED before payment can be made to the service provider.

### **6. Mandatory requirements**

<b>Mandatory Criteria</b>	<b>Proof Required</b>
Letter of Good Standing	Valid letter of good standing
Hazardous Waste Permit	Valid Hazardous Waste Permit from the competent local Authority
<b>Letters from previous clients:</b>  Submission of 3 minimum letters from previous clients in handling and working with disposal of fluorescent tubes	Valid reference letters with contact numbers

- a. The Letter of Good Standing ensures that a supplier is in good standing with the Compensation Commissioner or a registered insurer and in the event of an incident occurring, the Commissioner will incur the cost of the injury if the injured is an employee of the principal supplier/supplier. A valid copy of the Letter of Good Standing shall be placed in the SHEQ file.
- b. Valid Hazardous Waste Permit from the competent local Authority.
- c. Submit at least 3 reference letters (not older than three years) in hazardous waste Collection and disposal sector with contact details – this includes reference to current contracts with other departments/organizations. **NB: Reference letters must be on client letter head, signed and dated.**
- d. **Compulsory Site Visit**

Prospective service providers must note that the fluorescent tubes are unpackaged, possibly broken and not counted. Service providers are invited for site visit to see the volume and estimate the weight and quote accordingly.

#### **Prising Data**

Collection and disposal of fluorescent light bulbs to an approved designated dumping site and issuing of recycling certificate.	<b>R</b>
<b>Total</b>	<b>R</b>