

SCOPE OF WORK / WORKS INFORMATION KNOWLEDGE

The provision of Waste Management at Lethabo Power Station & Vaal Village for a period of 5 years

Scope of work

The National Environmental Management Waste Act 59 of 2008 provides that waste must be management in accordance to the Waste Hierarchy (Avoid, Reduce, Re-use, Recycle, Recover and Disposal). Lethabo Power Station complies with the National Environmental Management Act (Act 107 of 1998) and all related legal requirements. Lethabo Power Station seeks to implement a recycling program for majority of its waste streams. The service provider is required to provide onsite recycling and sorting service. Contractor shall provide all labour, equipment, services and material necessary to achieve the objectives of the recycling program

Expectation for the service

The service shall include:

- *Provision of Recycling Containers for recyclables*
- *Implement a three-container system for Recyclables, Non recyclables and paper in a total 64 areas.*
- *Provision of Labour for sorting, managing and supervision of the project.*
- *Provide collection vehicles and all necessary equipment required such as bailers, chippers, composting solutions etc*
- *Provision of sorting table and sorting resources*
- *Establish a composting site for biomass (tree cut offs and branches)*
- *Signage boards 10 (3m x2m)*
- *Signage boards for recycling at the 64 identified areas (A2)*

Waste to be phased in

The proposal should include how the following waste streams will be recycled:

- *Used oil*
- *Grease*
- *Conveyor belts*
- *Oily rags*
- *Used oil Drums*
- *Wood (Dead trees/Pallets)*
- *Paper*
- *Cardboard Bottles*
- *Food waste*
- *Polystyrene Foam*
- *Boxes*
- *Oil Filters*
- *Building rubble*
- *Printer cartridges*
- *E-waste*
- *Glass (Any recyclable glass waste)*
- *Paper*
- *Plastic (Any recyclable plastic waste)*
- *Batteries*

All proposed recycling solutions must be consistent with the National Environmental Management Act 107 of 1998 principles.

- Contractor shall transport the mixed solid waste from the recycling points and provide sorting and recycling of recyclable and compostable materials at identified facilities.
- The service provider shall Dispatch recycling containers / bins to 64 collection points in the Power Station.
- The service provider shall set up composting sites in two areas identified for that purpose and deposit food waste and biomass into the facilities.
- The service provider shall remove mixed waste for sorting at the sorting facility on-site and dispose non- recyclables into the existing General Waste Skips on site.
- Where material is sold, Eskom shall receive rebates monthly
- Work under this bid item includes but is not limited to: providing all needed containers and providing recycling and composting services for the 60 months period.
- Contractor shall provide documentation on the monthly tonnage of compostable and recyclable materials including rebates made.
- The temporary storage facility for recyclables shall be managed in accordance to the Norms and Standards for storage of waste and Norms and standards for sorting, shredding, grinding, crushing, screening or bailing of general waste
- Collection of oil should be done at identified areas in the plant as and when required – drums and with waste oil truck (Vacuum truck)
- Funds should be allocated for SHEQ compliance
- Wood waste/Pellets that cannot be recycled or sold should be mulched, preserved and bagged

Vaal Village

- Placement of 3 bin system at the 3 schools (Paper, glass and cans) – large containers to be serviced at least once a month, to be increased if the need arises
- Placement of 3 bin system at the local bar - large containers to be serviced at least once a month, to be increased if the need arises
- Placement of 3 bin system next to the waste disposal ski bins large containers to be serviced at least once a month, to be increased if the need arises

NOTE: It is requested that the recommended supplier absorb the current staff (4).