






# Chisai Innovations Center (T) Ltd

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WASTE TREATMENT FACILITY (WTF) ZEGERENI INDUSTRIAL AREA – MOROGORO ROAD - OFF KONGOWE MADAFU - KIBAHA TOWN COUNCIL			
1.0 PROBLEM DESCRIPTION	2.0 BUSINESS STATUS OF THE FACILITY	3.0 TECHNOLOGIES APPLIED	4.0 FACILITY SNAPSHOTS
<p>1.1 The newly developed business introducing Waste Treatment Facility (WTF) brings a solution to the improper disposed hazardous waste in Tanzania</p> <p>1.2 Types of hazardous waste to be treated</p> <ul style="list-style-type: none"> <li>✓ Medical/hospital waste</li> <li>✓ Industrial waste</li> <li>✓ Obsolete Pesticides</li> <li>✓ Used oils</li> <li>✓ Condemned products</li> <li>✓ Biological waste from campuses/boarding schools</li> </ul> <p>1.3 Technology in use:</p> <ul style="list-style-type: none"> <li>✓ High temperature incineration (800-950C)</li> <li>✓ High technology waste incineration with air pollution control devices has been installed.</li> <li>✓ Facility well designed for this purpose</li> </ul>	<p>2.1 Ownership</p> <ul style="list-style-type: none"> <li>✓ Private company</li> <li>✓ Located in approved industrial area by the Kibaha Town Council</li> <li>✓ Business Licence from Kibaha Town Council</li> </ul> <p>2.2 Contractual Arrangements</p> <ul style="list-style-type: none"> <li>✓ We accept contracts with potential waste generators in the country</li> <li>✓ Waste is either collected by CIC at the site or transported by clients to the WTF premises</li> <li>✓ Agreed charges are set per kg of waste</li> <li>✓ Payment terms accepted are bi-weekly or monthly deposits at the bank</li> </ul> <p>2.3 Supply of High-Tech Incinerators to Health Facilities, Industry, Mines, etc</p> <ul style="list-style-type: none"> <li>✓ Different sizes as per need: 200-1500 kg/cycle</li> <li>✓ Sole manufacturers, supply, installation, testing and commissioning.</li> </ul>		<p>4.1 Combustion chambers and incineration process design</p>   <p>4.2 Air Pollution Control devices (APCD)</p> <ul style="list-style-type: none"> <li>✓ Flue gas cooling system (heat exchanger)</li> <li>✓ Multi-Stage Wet Scrubbers (using alkaline solution. At 99% efficiency)</li> <li>✓ Chimney/cleaned smoke duct</li> </ul>  
<p>5.0 FACILITY LOCATION AND CONTACT ADDRESS</p>	<p>The facility is located in Zegereni Industrial Area, off Morogoro Road at Kongowe Madafu, Kibaha Town Council</p> <p><i>Chisai Innovation Center, Waste Treatment Facility (WTF), Zegereni Industrial Area, P.O. Box 80116, Dar es Salaam, Tanzania</i></p> <p>Tel: +255 (0) 786 122 449; E-mail: <a href="mailto:innovationchisai@gmail.com">innovationchisai@gmail.com</a></p>		