

Brief Scope of Work

Tender: T/24/2018

Haya Water Composting Plant treats the sewage bio solids generated at the STP's and converts them to environment friendly product (Organic Fertilizer - Compost). Composting Unit has a requirement for compost inoculants that will be used to enhance the biological activity in the composting windrows.

The Contractor shall supply items exactly as per Specification / Sample approved by the company. No deviation will be accepted.

SPECIFICATION FOR INOCULANT Package size: max. 10 liters per bag or drum

Item	Description
Active ingredients	Microorganisms; Bacteria or Fungi or Both
Type of Microorganism	Thermophilic Bacteria or Fungi
Optimum Temperature	55 – 60 C
Physical Form	Liquid, powder or spawn.
Colony count	Not less than 1×10^8 CFU/g for Bacteria / Not less than 5×10^5 CFU/g for Fungi
pH	6 - 8
Package size	max. 10 liters per bag or drum.
Packaging material	Polypropylene.

Ordering the inoculant shall be on a Call-off basis and the Contractor shall perform such Services in accordance with the contract terms and rates.

The contractor shall offload INOCULANT with expert laborers and they shall wear proper PPE e.g. Coverall, Safety Shoes, Helmet with face shield & Hand Gloves.