

BID NO. 11G86

TOP SOIL & PLANTING SOIL MIXTURES

All material shall be priced by the cubic yard delivered to a location within the Town of Babylon. Material must be delivered within five (5) days from receipt of order from the Town of Babylon.

**Item No.1 Topsoil –**

**Physical analysis** (soil texture) (% oven-dry weight)

<b><u>Quantity</u></b>	<b><u>Size Fraction</u></b>	<b><u>Particle Diameter</u></b>
Less than 2%	Gravel	25mm
Less than 3%	Gravel	6 – 25 mm
Less than 10%	Gravel	2 – 6 mm
50 – 70%	Sand	0.05 – 2.0 mm
25 – 35%	Silt	0.0002 – 0.5 mm
Less than 15%	Clay	0.002 mm

**Chemical Analysis:** Organic matter content (% oven-dry weight of soil)

Sandy Loam 1.5 to 3.0

Loam or Silt Loam – 2.5 to 5.0

Soil Reaction (pH) 5.5 to 6.5

Soluble salt content (conductivity) Less than 0.5 mmhos/cm for 1:2 soil:water ratio

**Item 2. Planting Mixtures – Trees & Shrubs**

Topsoil, 75% ( as listed in Item No. 1)

Leaf Compost, 15% (shredded leaf litter composted for a minimum of six months)

Sand, 10% (natural, medium to coarse grained in texture, free from decomposed organic matter like roots, sticks, leaves, paper and of any other undesirable trash, i.e. glass, plastic, metal, etc. that could interfere with soil drainage. Sand shall be salt free)

Dehydrated cow manure, 5lbs per cubic yard of mix

**Item 3. Ground cover, perennial, annuals and bulbs**

Topsoil, 45%(as listed above)

Leaf Compost, 25% (as listed above)

Sand 10% ( as listed above)

Double shredded hardwood mulch, 20%