

## ANNEXURE

### Specification of Chain Woven Polypropylene filter cloth:

Polypropylene filter cloth – chain weave is required for the filtration of acidic siliceous slurry 50 – 60% concentration (w/w) under a vacuum of 500 to 650 mm of Hg in a precoat filter to produce a clear liquor. The slurry will contain 60% particle passing through –200 mesh.

Width of Cloth	–	105 cm
Weight per square meter	–	280 gms to 300 gms
Breaking Strength (5 cm x 20 cm strip)	-	Warp – 180 Kgs Weft - 200 Kgs
Air permeability (under Differential pressure of 12 mm of W.G.)	-	1.7 to 2.0 ft <sup>3</sup> /ft <sup>2</sup> /second.
Sp. Gravity of solid	-	2.8
Sp.Gravity of Liquor	-	1.0
pH of slurry	-	1.5 – 1.9
Operating temp	-	Ambient

The cake side of the grey filter media should be heat set for uniformity of porosity and smoothness.

Important: ½ m x ½ m square must be supplied with offer for evaluation.

✓  
to 2nd.