

URANIUM CORPORATION OF INDIA LTD.

(A Government of India Enterprises)

Tummalapalle

(P.O.) M. C. Palle, Vemula (M), Dr.Y.S.R. Dt., Andhra Pradesh – 516 349

Annexure-1

Page (1 of 1)

Limited Tender No. : 2/PE160669/1 dated 16.07.2016

Item : ANIONIC FLOCCULANT

M A T E R I A L D E T A I L S

Material: The required anionic polyacrylic flocculant is to be added to alkaline (pH 9-12.5) dolomitic uranium ore slurry containing 55% solid w/w (80% solid particles passing through 200#) as 0.05% solution to flocculate the feed slurry in the flocculator for its filtration in the Horizontal Belt filter operating under a vacuum of 550-600 mm of Hg. The pH of 1% solution at 25 degree C should be more than 9.

Other details are:

1. Specific Gravity of Solids	2.8
2. Specific Gravity of Liquor	1.16
3. Temperature of Slurry	60-65 degree C
4. Reagents used to maintain pH	Na ₂ CO ₃ , NaHCO ₃
5. % Solids in the slurry	55-60%

Quantity: 60 M.T

Packing : Material should be supplied in 20-25 kg properly packed in plastic lined HDPE/LDPE bags.
