

ANNEXURE-II

TEST FOR QUALITY EVALUATION OF CEMENT ADDITIVES

A. Fluid-Loss-Control Additive (FLAC) is used to maintain a consistent fluid volume within cement slurry to ensure that the slurry performance properties remain within an acceptable range. For the evaluation of quoted cement additive, following test will be done.

S.NO.	COMPOSITION	RESULTS
01	<p><u>For Testing</u></p> <p>i. Cement class 'G' : 100 parts ii. Water (distilled) : 44%AGE BWOC iii. Fluid loss additive : %AGE BWOC iv. Dispersant (TIC) : %AGE BWOC v. Retarder : %AGE BWOC vi. Defoamer : %AGE</p>	<ul style="list-style-type: none">➤ SG: 1.90 (15.8 PPG)➤ API fluid loss: less than 100cc at 84°C➤ Free water: zero➤ YP: less than 20lbs/100ft²➤ Thickening time at 84°C and pressure 8,000psi: 04 hrs. to 5 hrs.

Note: Slurry will be designed/tested with OGDCL's available additives.

B. EVALUATION CRITERIA

The sample having dosage more than 0.5% BWOC to attain above mentioned results will not be acceptable and declared technically non-responsive.

Technically responsive and financially lowest bidder will be awarded the contract.