

## **Clarification No. 02**

**TENDER ENQUIRY NO. PROC-SERVICES/CB/WS-4223/2019**

**HIRING OF MUD ENGINEERING SERVICES ALONGWITH MUD  
CHEMICALS IN NORTH REGION UNDER RATE RUNNING CONTRACT  
ON AS AND WHEN REQUIRED BASIS**

SR #	BIDDERS CLARIFICATIONS	OGDCL COMMENTS
1	Tentative BHT of each interval	North Region : Maximum Range is 190 Degree C
2	Units of measurement for Volume, Product concentration	Units of measurement for volume is BBL & Cubic Meter, for product concentration is kg/Cubic meter & LB/BBL.
3	Anticipated & potential problems for each section	Following problems are expected in North, Centre & South Region 1):- Pipe Sticking 2):- Caving & Sloughing 3):- Tight Hole 4):- Loss or Gain of Circulation 5):- High Temp 6):- Gelation
4	OBM Package (NORTH Region)  Most of OBM high temperatures product fully yield only when exposed to the temperatures and shearing. In Lab conditions 10% variance in parameter before and after hot roll at 175C for freshly mixed OBM fluid is of concern. Could this variation be revised i.e. to 20% variation?	Only 10% Variation would be Accepted, Above 10% Variation would not be Acceptable.