

## **Clarification No. 02**

**TENDER ENQUIRY NO. PROC-SERVICES/CB/WS-4222/2019**

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

SR #	BIDDERS CLARIFICATIONS	OGDCL COMMENTS
1	Tentative BHT of each interval	Centre Region : Maximum Range is 160 Degree C South 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 Stucking 2):- Caving & Sloughing 3):- Tight Hole 4):- Loss or Gain of Circulation 5):- High Temp 6):- Gelation
4	Please clarify about provision and supply of Barite and Sodium Silicate in SOUTH-CENTER REGION. Tentative Fluids type in SOUTH Region describe about Silicate mud option. Will these two items be supplied by bidder or arranged by client?	Barite and Sodium Silicate in South-Centre Region will be provided by OGDCL.
5	OBM Package (SOUTH-CENTER 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.