

## Technical Tender Book For Supplying Liquid Polymeric Dispersant

<b>Description</b>	<b>Unite</b>	<b>QTY</b>
	TON	75
1- Material : Liquid Polymeric Dispersant used as a thinner , rheological & filter loss control for fresh and salt water base mud .		
2 -Physical & chemical properties:		
- Material is a colorless or yellowish liquid with specific gravity 1.20 to 1.25 g /cm <sup>3</sup> & non toxic .		
- Material is stable at temperature between ( -10 C° to + 125 C° ).		
- PH = 4 to 5 .		
3-Material must be decrease the apparent viscosity of the drilling liquid ( mud ) in percentage 25 % ( at least ) after adding not more than 1 % by volume .		
4-Packing : In plastic kegs ( 25 kg / keg ) suitable for transporting and storage and every /40/ kegs tighten on wooden palette.		
5-The bidder must send Analysis certificate from the manufactured company with the technical offer contains all properties of material and addition percent when shipping .		
6- After contracting and befor shipping the material within 15 days the contractor must supply two samples from the material /each 1kg / one sample for laboratory tests in S.P.C MUD LAB. In the middle area oil fields to compare it with the technical tender book if its accept it will be the base to compare with the shipped material .		
7- inspection certificate from neutral company will be required with the shipping documents .		
8- Storage : Material properties must be stable in storage under field conditions		
9- (-10 C° to + 50 C°) for one year at least without any changes in its properties .		
10-The contractor must supply Certificate of Origin & Customs Declaration		
11- In case the delivered material spec. is less than the base sample tested before shipping The contractor should change the material or be supply the equivalent quantity according to approved basis sample.		
12-The contractor have the right to send representatives to present testing of his basis sample and the shipped material at the date determined by the members of S.P.C.		