

Technical specification of the demulsifier required for treating the s . p . c water – crude oil emulsion

1. Quantity 500 TON
2. Suitable for treating the S . P . C crude oil and able to reduce the water content in this oil up to / 0.25 % vol . with average injection rate in range 40 – 50 ML / M3 at the oil field conditions .The bidders have the right to start the field trial with injection rates between 40 – 50 ML/M3 up or down step by step 5 ML/M3 each.
3. Has a kinematic viscosity not more than 100 c.st . at 25 C ° and can be easily injected with the pumps used in the S.P.C oil field .
4. suitable for out door storing for two years minimum pressuring its original properties and efficiency taking in consideration the temperature variation between – 10 to + 50 C ° .
5. compatible with other chemicals used for crude oil treating and transporting specially corrosion inhibitors .
6. Does not injure the crude- oil components or the crude oil commercial properties .
7. the separated water should be clear and have no suspended oil drops . the injection water at the outlet of injection pumps should not contain more than 115 Mg/L oil . The demulsifier will be considered successfully in the field test only if it could reduce the water content in S.P.C. crude oil measured at the main transporting line at Tel-adas frame tank up to 0.25 % vol.and the injection water at the outlet of injection pumps should not contain more then 115 Mg/L oil With injection from 40 – 50 ML./m3 at field condition
8. Does not injure the operators or environment .
9. Does not cause any sludge in the bottom of treating tanks , storing tanks or transporting facilities of the primary water-oil emulsion or the treated oil crude .
10. Has an acceptable odor and safety during storing and utilization
11. In the meantime the companies interested in this matter can delegate their technical representatives to test their materials in the S.P.C oil field lab. and select their best demulsifier for treating the S.P.C. crude oil each company can offer only one kind of demulsifier .
12. The testing of the demulsifier will be run in the oil field laboratory according to the bottle test procedure .as the percentage of separated water should be reduced at minimume 70% vol. from the total of water contain of the sample at the end of test .

12. The companies , whose materials having the best successful lab. test will be requested to deliver 5 MT.
13. S.P.C will pay the price of the 5 MT. According to the lowest economical price in same field. In case of not placing order ,SPC will pay to companies the value of successful field samples according to last purchasing price available at SPC.
14. Tenderers are kindly requested to send two samples, 1 Kg. Each one from their demulsifier , and to specify the active materials their percentages and type of solvents in the offered demulsifier .
15. The companies ,having the selected demulsifier for field testing will be informed with the time of field test of their demulsifier and they can delegate their technical representatives to see the executing of the field test procedures .
16. The companies ,have not right to refuse the result of lab. Test or field trial if they did not sent their technical representatives to see the executing of the lab. Test or field test procedures .
17. packing: The quantity of 500 MT. of the demulsifier should be provided in high quality metallic barells(200 L) and the empty barell weight is not less than (17) kg for each one .
18. The origin of the offered demulsifier and their manufacturers are to be mentioned .(materials of turkish origine are unaccepted).
19. The offers are only accepted from manufacturers or their authorized distributors .
20. An inspection certificate issued by a third party for foreign bedders will be requested during delivering time of 500 MT. of the demulsifier .