

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan – 786602, Assam, India

NOTICE INVITING EXPRESSION OF INTEREST

EOI No. HM/PLG/EOI/CHEM/129 Dt. 02/06/09 for Supply of Oil Soluble Demulsifier

1.0 Oil India Limited (OIL), Duliajan, a Government of India Enterprise, engaged in exploration, production and transportation of crude oil and natural gas in the state of Assam and Arunachal Pradesh invites expression of interest from Manufacturers/ Supply houses/ Traders for supply of the following items:

A). OIL SOLUBLE DEMULSIFIER (OSD) FOR REGULAR USE:

PHYSICAL CHARACTERISTICS: a) Appearance: The product should be completely homogeneous, free flowing liquid, between temperature 5 Deg. C and 45 Deg. C. It should be free for any insoluble matter and should not be foul smelling.
b) Solubility: Should be soluble in dry crude oil, and also in water-in crude emulsions containing between 10 to 60% water.
c) Flash Point: 50 Degree Centigrade minimum (PMCC Method).
d) Compatibility: The product should be neutral, non-corrosive and compatible with all materials of construction, including alloys.
e) Shelf Life: 12 Months minimum.

PERFORMANCE: a) Laboratory: From a representative crude emulsion collected on the same day, the product should be able to separate at least 80% water within 30 minutes and 95% water within 60 minutes at 60 Deg C in a conventional laboratory bottle test, at a dosage normally not exceeding 20 PPM and also not exceeding that of a field proven product giving specified water separation under identical test conditions. The separation should be clear and distinct -without any water or oil droplets remaining in the other phase, or any sludge formation at the interface. The separated water should be clear, and should not contain more than 2000 PPM of oil, as measured spectrophotometrically.

b) Field: This product will be used at field installations in Naharkatia and Jorajan oilfields where it has to bring down the water content in crude below 1 (one) percent in the Emulsion Treater (ET) vessel itself, at a dosage normally not exceeding 20 PPM, and also not exceeding that of a standard, field-proven product effectively working under identical field conditions. The oil content in separated water from ET outlet should be less than 2000 PPM, and should also compare favorably with that given by the standard product. The supplied material against normal orders will be accepted after its passing the specification test in the laboratory upon arrival at Duliajan.

c) Packing: 180 -200 Kg. Net in new epoxy coated M.S. drums.
DEMULSIFIER FOR REGULAR USE should be stenciled on every drum in bold letters followed by name of the Product. Supplier's Name, Order No., Batch No., Drum No., and Date of Manufacture.

Estimated Annual requirement: 175 MT

Contd.....2/-

B) OIL SOLUBLE DEMULSIFIER (OSD) FOR DIKOM OIL FIELD:

PHYSICAL CHARACTERISTICS: a) Appearance: The product should be completely homogeneous, free flowing liquid between temperatures 5 Degree C and 45 Degree C. It should be free of any insoluble matter, and should not be foul smelling.

b) Solubility: Should be soluble in dry crude oil, and also in water-in-crude emulsions containing between 10 to 60% water.

c) Flash Point: 50 Degree C minimum (PMCC Method).

d) Compatibility: The product should be neutral, non-corrosive and compatible with all materials of construction, including alloys.

e) Shelf Life: 12 Months minimum.

PERFORMANCE: a) Laboratory: From a representative crude emulsion collected on the same day from Dikom OCS, the product should be able to separate at least 60% water within 30 minutes and 95% water within 90 minutes at 60 Deg. C in a conventional laboratory bottle test; at a dosage normally not exceeding 80 PPM and also not exceeding that of a field proven product giving specified water separation under identical test conditions. The separation should be clear and distinct -without any water or oil droplets remaining in the other phase, or any sludge formation at the interface. The separated water should be clear, and should not contain more than 500 PPM of oil, as measured spectrophotometrically.

b) Field : This OSD product will be used at Dikom OCS –where it has to bring down the water content in crude below 1 (one) percent in the Emulsion Treater vessel itself, at a dosage normally not exceeding 80 PPM, and also not exceeding that of a field proven product effectively working under identical field conditions. The supplied material against normal orders will be accepted after its passing the "specification test" in the laboratory upon arrival at Duliajan.

PACKING: 180-200 Kg. Net in new epoxy coated M.S. drums
DEMULSIFIER FOR DIKOM OCS should be stenciled on every drum in bold letter followed by name of the Product, Supplier's Name, Order No., Batch No. and Date of Manufacture.

Estimated Annual requirement: 175 MT

C) OIL SOLUBLE DEMULSIFIER (OSD) FOR USE AT KATHALONI OCS

PHYSICAL CHARACTERISTICS: a) Appearance: The product should be completely homogeneous, free flowing liquid between temperatures 5 Degree C and 45 Degree C. It should be free of any insoluble matter, and should not be foul smelling.

b) Solubility: Should be soluble in dry crude oil, and also in water-in-crude emulsions containing between 10 to 60% water.

c) Flash Point: 50 Degree C minimum (PMCC Method).

d) Compatibility: The product should be neutral, non-corrosive and compatible with all materials of construction, including alloys.

e) Shelf Life: 12 Months minimum.

Contd.....3/-

PERFORMANCE: a) Laboratory: From a representative crude emulsion collected on the same day from Kathaloni OCS, the product should be able to separate at least 60% water within 30 minutes and 95% water within 90 minutes at 60 Deg. C in a conventional laboratory bottle test: at a dosage normally not exceeding 120 PPM and also not exceeding that of a field proven product giving specified water separation under identical test conditions. The separation should be clear and distinct without any water or all droplets remaining in the other phase, or any Sludge formation at the interface. The separated water should be clear, and should not contain more than 500 PPM of oil, as measured spectrophotometrically.

b) Field: This product will be used at Kathaloni OCS where it has to bring down the water content in crude below 1 (one)percent in the emulsion Treater (ET) Vessel itself, at a dosage normally not exceeding 120 PPM, and also not exceeding that of a standard, field -proven product effectively working under identical field conditions. The oil content in separated water from ET outlet should be less than 500 PPM, and should also compare favorably with that given by the standard product. The supplied material against normal orders will be accepted after its passing the specification test in the laboratory upon arrival at Duliajan.

PACKING: 180-200 kg. nett in new epoxy coated M.S. Drum.

DEMULSIFIER FOR KATHALONI OCS should be stenciled on every drum in bold letter followed by name of the Products, Supplier name, order No. Batch No. and Date of Manufacture.

Estimated Annual requirement: 175 MT

- 2.0 Vendors are requested to submit their expression of interest clearly indicating the following:
 - a) Name of the vendor.
 - b) Details of major past supplies made during last 3 years with order value & name of firms to whom supplies were made.
 - c) Annual turnover during last three financial years.

- 3.0 Your letter expressing interest should be forwarded along with documentary evidence in support of the claim against para. 2(a), (b) & (c) above to the following address so as to reach by 15/07/09:

Chief Manager Materials (Planning & IC)
Materials Department
OIL INDIA LIMITED
Duliajan – 786602 (Assam)
Email: material@oilindia.in
