

# **MISSAN OIL COMPANY**

## **REQUISITIONS LIST**

**CLOSING DATE 30/9/2012**

**ALL PARTICIPANTS IN ENQUIRIES THAT WILL BE RE- ANNOUNCED SHOULD FOLLOW -UP OUR REQUISITIONS LISTS AND CLOSING DATE ON OUR WEB SITE INSTEAD OF NOTIFICATION BY FAX OR E-MAIL AND SUBMIT EITHER RENEWED OFFERS OR LETTERS BY WHICH EXTENDING THE VALIDITY OF THEIR PAYMENT FOR PARTICIPATION SHOULD BE DONE ONE DAY BEFORE CLOSING DATE . SINCE CLOSING DATE IS DEDICATED FOR RECEIVING OFFER (S) ONLY FOR TECHNICAL SPECIFICATION PLEASE VISIT OUR WEB SITE([www.moc.oil.gov.iq](http://www.moc.oil.gov.iq)) OTHERWISE, FEEL FREE TO CONTACT US AT ([moc\\_cd@moc.oil.gov.iq](mailto:moc_cd@moc.oil.gov.iq))**

| <b>NN-NO. -46-</b> |                   |                                            |                        |             |                            |                           |                   |
|--------------------|-------------------|--------------------------------------------|------------------------|-------------|----------------------------|---------------------------|-------------------|
| <b>SER</b>         | <b>ENQ.REF.</b>   | <b>SPEC</b>                                | <b>NO.<br/>OFITEMS</b> | <b>NOTE</b> | <b>MATERIAL<br/>NATURE</b> | <b>PAYMENT IN<br/>USD</b> | <b>BUDGET</b>     |
| <b>1</b>           | <b>11.12.4128</b> | Apparatuses of petroleum Testing           | <b>4</b>               |             |                            | <b>200 \$</b>             | <b>Investment</b> |
| <b>2</b>           | <b>11.12.4132</b> | Oil Well Cement Test Laboratory Equipments | <b>14</b>              |             |                            | <b>200 \$</b>             | <b>Investment</b> |
| <b>3</b>           | <b>70.12.4136</b> | REHABILITATING CASING IN MOC               |                        |             |                            | <b>1000 \$</b>            | <b>Investment</b> |

**11.12.4128**

## Apparatuses of petroleum Testing

| ITEM | DES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | UNIT | QTY |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|
| 1    | <ul style="list-style-type: none"><li>- Semi – automated Asphaltenes extractor, (ASPHAN 02) to determine asphaltenes content in crude Oils. In acc. to IP143 for stand – alone precipitation, filtration , washing , recycling, re-dissolution and evaporation processes of asphaltene (220-240V, 50 HZ ).</li><li>- spare parts including :-</li><li>- 500 ml lower boiler QTY/1</li><li>- 1000 ml upper boiler with stopper QTY/1</li><li>- condenser of the collector QTY/2</li><li>- 500 ml solvent collecting flask QTY/2</li><li>- Pack of 50 filter (Mitex) QTY/2</li><li>- double surface condenser QTY/1</li><li>- cooler QTY/1</li></ul> | SET  | 1   |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 2 | <p><b>- Manual Atmospheric Distillation Apparatus for petroleum products</b></p> <p>220 -240V/50 Hz , acc. to ASTM D86 , IP 123</p> <p>distillation of aviation gasoline , aviation turbine fuels , naphtha , kerosene, distillate fuels, natural gasoline and other petroleum products. The main cabinet contains the (8-10) liter stainless steel condenser bath , The condenser tube is made of stainless steel , 1000W heater with regulated variable control, with Fire extinguisher system.</p> <p>- Spare parts :-</p> <p>- vapor thermometer QTY./5</p> <p>- distillation flask 125 ml QTY./15</p> <p>- flask support board with center hole QTY./2</p> <p>- centering device for distillation flask 125 ml QTY./25</p> <p>- measuring cylinder QTY./10</p> <p>Other recommended spare parts</p> | NOS | 1 |
| 3 | <p><b>- Automated cloud/pour point Tester , 220-240 V/50 HZ</b></p> <p>In acc. to ASTM D-97 , D2500 , IP-15 , IP-219 , The Analyzer Controls heating , cooling , test initiation , and test frequency with microprocessor precision and the analyzer includes last Flow point temperature with 0.5°C resolution on pour point analyses, cloud point temperature to 0.1°C along with 1.0°C result.</p> <p>- spare parts for 3 years.</p>                                                                                                                                                                                                                                                                                                                                                                  | SET | 1 |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |     |   |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 4 | <p><b>- Micro carbon residue &amp; Ash Tester, 220-240 V/50 Hz</b></p> <p>In acc. to ASTM 4530,D482,D189 a fully automated instrument to determine ash and carbon residues . the instrument is equipped with preset and programmable cut - off for safety. The heating element is especially protected against overheating .</p> <p>- spare parts for 3 years</p>                                                                                                                                                                                                                                                                                                                                                                                                                            | SET | 1 |
|   | <p><b><u>NOTES :-</u></b></p> <p>1- ORIGIN : GERMANY , U.K , FRANCE , USA .</p> <p>2- Quality Assurance Approval ( Iso 9000,9001...Ect) ( Copy Of Valid Certificate).</p> <p>3- All Certificates Of Origin Must Be Legalized By Chamber Of Commerce , Ministry Of Trade At Country Of Origin and Must Also Be Certified By The Iraqi Embassy In The Country Of Origin otherwise No accepted.</p> <p>4- Price Are Final Rock Bottom Based On Be Arrived To Missan Oil Fields Storage.( CIP Missan )</p> <p>5- Warranty: Not Less Than One Year .</p> <p>6- Material Delivery period should not more than (4) months.</p> <p>7- * Training for Item (1,2) during 10 days for 2 persons .(free of charge )</p> <p>* Training for Item (3,4) during 2 weeks for 2 persons .(free of charge )</p> |     |   |

# Apparatuses of petroleum Testing

| ITEM |      |                              |
|------|------|------------------------------|
| 1    | 80 % | المواصفات الفنية             |
| 2    | 10 % | المنشأ                       |
| 3    | 5 %  | المدة المتعلقة بتنفيذ العقد  |
| 4    | 5 %  | الأعمال المنجزة ضمن الاختصاص |