

REPUBLIC OF IRAQ  
MINISTRY OF OIL  
NORTH GAS COMPANY (NGC)



وزارة النفط  
MINISTRY OF OIL  
شركة غاز الشمال (شركة عامة)

REF. NO.: M7/281/2/ 3234

DATE: ١٨ / ٠٧ / ٢٠١٢

TO:

E-mail:

١٨ / ٠٧ / ٢٠١٢

SUBJ.: INDENT NO. 2124/2012  
QUOTATION FOR THE SUPPLY OF  
LABORATORY TOTAL SULFUR ANALYZER FOR  
DETERMINATION OF SULFUR COMPOUNDS

*Pls. quote yr offers for the supply of materials as the attached lists of technical specifications and special conditions & requirements:*

**Taking Into Yr Consideration That:**

*Offers must be in sealed envelopes (technical offers) with indent number and closing date clearly mentioned on the envelopes, addressed to the attention of B.B.C (BROADLY BIDS BOX) at NORTH GAS COMPANY, P.O.BOX (16) - KIRKUK, IRAQ, must be dropped in the B.B.C. tenders box at the N.G.C. reception.*

*Best Regards*

*Kamil Kamal Aarif  
PP/ Director General  
Services & Materials Commission Manager*

*M. gh. sh*  
*Mazin ghanim mageed*  
*PP/ Commission Manager*

CC:

*Services & Materials Commission / Follow up Divi :: for your information please*

P. O. BOX (16) KIRKUK  
E-MAIL: [gas@ngc.oil.gov.iq](mailto:gas@ngc.oil.gov.iq)

BAIJI-KIRKUK ROAD  
WEBSITE: [www.ngc.oil.gov.iq](http://www.ngc.oil.gov.iq)

**Attached list of special condition and requirement**

**Ministry of oil**

**North Gas Company**

**Indent number: 2124/2012**

1. Offer should be worked out on the basis of CIP Kirkuk
2. Kindly state the following:-
  - a. Delivery date & offer validity (90) days
  - b. Country of origin.
  - c. Port & country of export
  - d. Performance certificate and all relevant documents involved.
  - e Specify shipment route.
  - f. Offers must be signed and stamped alive & must be in sealed envelope (Technical offer) with indent number and closing date clearly mentioned on the envelope.
3. Yr offer must be submitted before: 12 / 08 /2012(prior to 3:00pm), is highly appreciated.
4. If you are not interested in offering quotations, please let us know within given period.
5. Offers will neglect one or more of a/m conditions, shall be neglected.
6. supplier to present a full set of shipping documents authenticated from Iraqi embassy at supplier country, including epidemic-free license for export materials.
7. Offers should be from manufacturing companies or authorized agents
8. Agents-suppliers ... Should submit authorization from the main manufacturer(s) (all relevant documents to be originals being authenticated by Iraqi commercial attaché.
9. Signing contracts may be through/by authorized regional agent, within Iraq country.embassy in supplies'
10. Tenders should be pursued definitely via corresponding NGC/E-mail or . communicating NGC reception.
11. Final account statement approved by a charter account in past year for financial efficiency to be submitted.
12. **Incorporation papers & certificate of origin** are to authenticated by Iraqi commercial attaché in the country of origin .
13. Commercial offers must be submitted after technical ones had been studied well by our concerned staff & you will be informed later on.
- 14- Before delivering the envelopes containing offer(s), the bidder requested to pay (ID 100000) **one hundred thousand Iraqi Dinars** against receipt (copy to be attached with technical offer).
- 15- Certificate of inspection of the third party to be from **Swiss SGS or French Bureau Veritas** is to be submitted definitely .

**Kamil Kamal Aarif**

PP/Director General

*M. gh. sh*

**Mazin ghanim mageed**

PP/ Commission Manager

P. O. BOX (16) KIRKUK  
E-MAIL: [gas@ngc.oil.gov.iq](mailto:gas@ngc.oil.gov.iq)

BAIJI-KIRKUK ROAD  
WEBSITE: [www.ngc.oil.gov.iq](http://www.ngc.oil.gov.iq)

طابقه شـراء

# MATERIALS INDENT

شركه غاز الشمال (شركة عامة)

موزع رقم ( )

قسم المحوثة والمسطرة التوجيهية.....

NEEDED FOR

|                  |                           |
|------------------|---------------------------|
| S<br>T<br>R<br>E | Ce<br>AL<br>RA<br>DS<br>S |
| 1                | ٢٣                        |

| INDENT<br>SERIAL NO |
|---------------------|
| 8                   |
| 2124                |

| DATE<br>REQUIRED |    |
|------------------|----|
| MM               | YY |
|                  | ٢٠ |

| DATE RAISED |    |      |
|-------------|----|------|
| DD          | MM | YY   |
| ١٥          |    | ٢٠   |
| 6           | 5  | 2012 |

| تسلسل<br>ITEM | الرقم الرمزي<br>VOCABULARY | DESCRIPTION                                                                                                                                                                                                                                                                         | الوصف | الوحدة<br>UNIT | الكمية<br>QUANTITY | المبلغ<br>VALUE | REMARKS                                           |    |  |
|---------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|--------------------|-----------------|---------------------------------------------------|----|--|
| ٢٣            | ٢٣                         | ٢٤                                                                                                                                                                                                                                                                                  |       | ١٢             | ٦٥                 | ٧٠              | ٨٠                                                | ٧١ |  |
| 1             |                            | Laboratory Total Sulfur Analyzer for determination of sulfur compounds in hydrocarbon compounds (gases and liquids) latest model and computerized and the principle of operation should be by mixing the sample with hydrogen stream at 900 C° and detect it by lead acetate paper. |       | Nos.           | 1 (one)            |                 | The Suppliers should be from under here companies |    |  |
|               |                            | - Standards of gases contain (H2S) (100,200,300,400,500 PPM) and liquids contain H2S (100,200,300,400,500 PPM).                                                                                                                                                                     |       |                |                    |                 | 1. Analytic Tena                                  |    |  |
|               |                            | - With spare parts :                                                                                                                                                                                                                                                                |       |                |                    |                 | 2. Horiba                                         |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 3. Kohler                                         |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 4. Agilent                                        |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 5. Fisher                                         |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 6. Hermann Paulsen                                |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 7. Petrotest                                      |    |  |
|               |                            |                                                                                                                                                                                                                                                                                     |       |                |                    |                 | 8. Water Lab limited                              |    |  |

1. Analytic Jena
2. Horiba
3. Komet
4. Agilent
5. Fisher
6. Hermann Paulsen
7. Petrotest
8. Wäter Lab limited

توقيع طالب المواد /

عنوان الوظيفة /

مجموع الفواتر 2

مسترة مغزلية

المدير العام

١٤/٥/٢٠١٢

TOTAL TIMES

مسترة مغزلية

المدير العام

طلبية شـراء

# MATERIALS INDENT

NEEDED FOR النوعية ..... قسم البحوث والسيطرة النوعية

|                                                                                                                                |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|--------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--|---|------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|----|----|--|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|--|----|----|----|----|--|----|---|---|------|
| <table border="1"> <tr> <td>STQRE</td> <td>Cc<br/>AL<br/>RA<br/>DS<br/>S</td> </tr> <tr> <td>١</td> <td>٢٣</td> </tr> </table> |                            | STQRE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Cc<br>AL<br>RA<br>DS<br>S | ١              | ٢٣                 | <table border="1"> <tr> <td colspan="2">INDENT<br/>SERIAL NO</td> </tr> <tr> <td>8</td> <td>2124</td> </tr> </table> |                                                                                                                                                                              | INDENT<br>SERIAL NO |  | 8 | 2124 | <table border="1"> <tr> <td colspan="2">DATE<br/>REQUIRED</td> </tr> <tr> <td>MM</td> <td>YY</td> </tr> <tr> <td></td> <td>٢٠</td> </tr> </table> |  | DATE<br>REQUIRED |  | MM | YY |  | ٢٠ | <table border="1"> <tr> <td colspan="3">DATE RAISED</td> </tr> <tr> <td>DD</td> <td>MM</td> <td>YY</td> </tr> <tr> <td>١٥</td> <td></td> <td>٢٠</td> </tr> <tr> <td>6</td> <td>5</td> <td>2012</td> </tr> </table> |  | DATE RAISED |  |  | DD | MM | YY | ١٥ |  | ٢٠ | 6 | 5 | 2012 |
| STQRE                                                                                                                          | Cc<br>AL<br>RA<br>DS<br>S  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| ١                                                                                                                              | ٢٣                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| INDENT<br>SERIAL NO                                                                                                            |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| 8                                                                                                                              | 2124                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| DATE<br>REQUIRED                                                                                                               |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| MM                                                                                                                             | YY                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
|                                                                                                                                | ٢٠                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| DATE RAISED                                                                                                                    |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| DD                                                                                                                             | MM                         | YY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| ١٥                                                                                                                             |                            | ٢٠                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| 6                                                                                                                              | 5                          | 2012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                |                    |                                                                                                                      |                                                                                                                                                                              |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| تسلسل<br>ITEM                                                                                                                  | الرقم الرمزي<br>VOCABULARY | DESCRIPTION<br>الملاحظات                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           | الوحدة<br>UNIT | الكمية<br>QUANTITY | المتبع<br>VALUE                                                                                                      | REMARKS                                                                                                                                                                      |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |
| ٢٣                                                                                                                             | ٢٣ ٢٤                      | <ul style="list-style-type: none"> <li>- With lead acetate test paper tape for three years .</li> <li>- Accessorial furnace nos . ( one).</li> <li>- Accessorial detector nos. (one).</li> <li>- Liquid sampling system to measure sulfur compounds in hydrocarbon liquids.</li> <li>- CO<sub>2</sub> sensor.</li> <li>- CO<sub>2</sub> measurement 0-20 %.</li> <li>- Power supply should be ( 220 V , 50 Hz).</li> <li>- Ranges from at least 1 ppm to 2000 ppm.</li> <li>- High accuracy.</li> <li>- With analyzer suitable software.</li> </ul> |                           | ٦٤ ٦٢          | ٦٥ ٧٠              | ٨٠ ٧١                                                                                                                | <div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">           امين مخزن<br/>المواد الكيميائية والاحتياطيات         </div> |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                    |  |             |  |  |    |    |    |    |  |    |   |   |      |

# MATERIALS INDENT

قسم البحوث والسيطرة النوعية.....NEEDED FOR

|                                                                                                                                                                                                                             |                            |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|----------------------------------------------------------------------------------------------------------------------|---------|---------------------|--|---|------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|----|----|--|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|--|--|----|----|----|--|----|--|--|----|---|---|------|--|
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| ST<br>Q<br>R<br>E                                                                                                                                                                                                           | Ce<br>AL<br>RA<br>DS<br>S  |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| 1                                                                                                                                                                                                                           | ١٢                         |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| INDENT<br>SERIAL NO                                                                                                                                                                                                         |                            |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| 8                                                                                                                                                                                                                           | 2124                       |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| DATE<br>REQUIRED                                                                                                                                                                                                            |                            |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| MM                                                                                                                                                                                                                          | YY                         |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
|                                                                                                                                                                                                                             | ٢٠                         |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| DATE RAISED                                                                                                                                                                                                                 |                            |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| DD                                                                                                                                                                                                                          | MM                         | YY                       |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| ١٥                                                                                                                                                                                                                          |                            |                          | ٢٠                                                                                                                                                                                                                                                                                                                                                            |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| 6                                                                                                                                                                                                                           | 5                          | 2012                     |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| تسلسل<br>ITEM                                                                                                                                                                                                               | الرقم الرمزي<br>VOCABULARY | DESCRIPTION<br>المواصفات |                                                                                                                                                                                                                                                                                                                                                               | الوحدة<br>UNIT | الكمية<br>QUANTITY | المتاح<br>VALUE                                                                                                      | REMARKS |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| ٢٣                                                                                                                                                                                                                          | ٢٣                         | ٢٤                       | Laboratory Total Sulfur Analyzer ( latest model and computerized )for sulfur compound in natural gas , distilled and liquefied petroleum production (gasoline and LPG) according to ASTM D 6428, D5453 ,computerized with suitable operating system , with carrier gas argon (99.996%) and oxygen (99.5%), and the detector is UVFD (UV fluorescence detector | ٦٤             | ٦٢                 | ٦٥                                                                                                                   | ٧٠      |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| 2                                                                                                                                                                                                                           |                            |                          | - Micro syringes nos. (ten),<br>- Standards of gases (H2S) (100,200,300,400,500PPM) and liquids contain (100,200,300,400,500 PPM.<br>- With spare parts :                                                                                                                                                                                                     | Nos.           | 1<br>(one)         | ٨٠                                                                                                                   | ٧١      |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |
| <div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">                         امين مخزن<br/>                         المواد الكيميائية والغازات                     </div> |                            |                          |                                                                                                                                                                                                                                                                                                                                                               |                |                    |                                                                                                                      |         |                     |  |   |      |                                                                                                                                                   |  |                  |  |    |    |  |    |                                                                                                                                                                                                                                                  |  |             |  |  |  |    |    |    |  |    |  |  |    |   |   |      |  |

# MATERIALS INDENT

قسم البحوث والسيطرة التوعيه ..... **NEEDED FOR**

|                                                                                                                                                                                                                                                                                                                                                                            |                            |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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| <table border="1"> <tr> <td>S<br/>T<br/>Q<br/>R<br/>E</td> <td>Cc<br/>AL<br/>RA<br/>DS<br/>S</td> </tr> <tr> <td>١</td> <td>٢٣</td> </tr> </table>                                                                                                                                                                                                                         |                            | S<br>T<br>Q<br>R<br>E                                                                              | Cc<br>AL<br>RA<br>DS<br>S | ١     | ٢٣                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <table border="1"> <tr> <td colspan="2">INDENT SERIAL NO</td> </tr> <tr> <td>٥</td> <td>8</td> </tr> <tr> <td colspan="2">2124</td> </tr> </table> |           | INDENT SERIAL NO                                                                                                                                                                                                                                                                                                                                                           |  | ٥                                                                                                                                                                              | 8              | 2124               |                 | <table border="1"> <tr> <td colspan="2">DATE REQUIRED</td> </tr> <tr> <td>MM</td> <td>YY</td> </tr> <tr> <td></td> <td>٢٠</td> </tr> </table> |          | DATE REQUIRED |                                                                                                                                                                                                                                                       | MM      | YY                                                                                                                                                                      |  | ٢٠ | <table border="1"> <tr> <td colspan="2">DATE RAISED</td> </tr> <tr> <td>DD</td> <td>MM</td> </tr> <tr> <td>١٥</td> <td>٢٠</td> </tr> <tr> <td>6</td> <td>5</td> </tr> <tr> <td colspan="2">2012</td> </tr> </table> |  | DATE RAISED |  | DD | MM | ١٥ | ٢٠ | 6 | 5 | 2012 |  |
| S<br>T<br>Q<br>R<br>E                                                                                                                                                                                                                                                                                                                                                      | Cc<br>AL<br>RA<br>DS<br>S  |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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| DATE REQUIRED                                                                                                                                                                                                                                                                                                                                                              |                            |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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| 2012                                                                                                                                                                                                                                                                                                                                                                       |                            |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| <table border="1"> <tr> <td>تفصيل<br/>ITEM</td> <td>الرقم الرمزي<br/>VOCABULARY</td> </tr> <tr> <td>٢٣</td> <td>٢٣ ٢٤</td> </tr> </table>                                                                                                                                                                                                                                  | تفصيل<br>ITEM              | الرقم الرمزي<br>VOCABULARY                                                                         | ٢٣                        | ٢٣ ٢٤ | <table border="1"> <tr> <td>DESCRIPTION</td> <td>المواصفات</td> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> <li>- Accessorial furnace nos. ( one).</li> <li>- Accessorial detector nos. (one).</li> <li>- Liquid and gas sampling system to measure sulfur compounds in hydrocarbon liquids and gases.</li> <li>- Ranges from at least 1 ppm to 2000 ppm.</li> <li>- High accuracy.</li> <li>- With analyzer easy and suitable software.</li> </ul> </td> </tr> </table> | DESCRIPTION                                                                                                                                        | المواصفات | <ul style="list-style-type: none"> <li>- Accessorial furnace nos. ( one).</li> <li>- Accessorial detector nos. (one).</li> <li>- Liquid and gas sampling system to measure sulfur compounds in hydrocarbon liquids and gases.</li> <li>- Ranges from at least 1 ppm to 2000 ppm.</li> <li>- High accuracy.</li> <li>- With analyzer easy and suitable software.</li> </ul> |  | <table border="1"> <tr> <td>الوحدة<br/>UNIT</td> <td>الكمية<br/>QUANTITY</td> <td>المتبع<br/>VALUE</td> </tr> <tr> <td>٦٤</td> <td>٦٢ ٦٥ ٧٠</td> <td>٨٠ ٧١</td> </tr> </table> | الوحدة<br>UNIT | الكمية<br>QUANTITY | المتبع<br>VALUE | ٦٤                                                                                                                                            | ٦٢ ٦٥ ٧٠ | ٨٠ ٧١         | <table border="1"> <tr> <td>REMARKS</td> </tr> <tr> <td> <div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">           امين مخزن<br/>الزاد التخزينية والواجبات         </div> </td> </tr> </table> | REMARKS | <div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;">           امين مخزن<br/>الزاد التخزينية والواجبات         </div> |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| تفصيل<br>ITEM                                                                                                                                                                                                                                                                                                                                                              | الرقم الرمزي<br>VOCABULARY |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| ٢٣                                                                                                                                                                                                                                                                                                                                                                         | ٢٣ ٢٤                      |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                | المواصفات                  |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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| الوحدة<br>UNIT                                                                                                                                                                                                                                                                                                                                                             | الكمية<br>QUANTITY         | المتبع<br>VALUE                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| ٦٤                                                                                                                                                                                                                                                                                                                                                                         | ٦٢ ٦٥ ٧٠                   | ٨٠ ٧١                                                                                              |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
| REMARKS                                                                                                                                                                                                                                                                                                                                                                    |                            |                                                                                                    |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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| <table border="1"> <tr> <td>Notes: Training for two items above for three persons for two weeks for operation and maintenance.</td> </tr> </table>                                                                                                                                                                                                                         |                            | Notes: Training for two items above for three persons for two weeks for operation and maintenance. |                           |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                |                |                    |                 |                                                                                                                                               |          |               |                                                                                                                                                                                                                                                       |         |                                                                                                                                                                         |  |    |                                                                                                                                                                                                                     |  |             |  |    |    |    |    |   |   |      |  |
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