

ADVERTISEMENT

MIDLAND REFINERIES CO. ANNOUNCES FOR PURCHASING THE MATERIALS AS STATED BELOW:-

| REQ.NO. | DESCRIPTION | QTY | ADVERTISEMENT NO. | BID BOND |
|-----------|--------------|---------|-------------------|----------|
| 1210/2017 | BOLTS & NUTS | 6 ITEMS | ONCE | 1500 \$ |

- 1-The requisition to be sold in (250, 000) Iraqi dinars; un returnable or to transfer this amount to MRC Bank account number (90956)in Rafidan Bank head branch .
- 2-Technical and commercial offer should be opened at the same time, the representatives of the companies can be attend to our company (MRC) at 10 o'clock morning one day after the closing day stated below in item (29) .
- 3-Offered prices should be (CIP) Baghdad / Daura Refinery and preferred to be in us dollar. they will be final and nonnegotiable . (MRC) is not obliged to accept the lowest prices.
- 4-offeres (TECHNICAL & COMMERCIAL) to be submitted, separately in sealed envelopes, either directly at (MRC) reception bureau or sent by (DHL). the requisition number, the description and the closing date should be fixed on both envelopes. the validity of the offer should be mentioned within the technical offer ; also on the envelope of the commercial offer. offers sent by e- mail will be neglected.
- 5- The validity of the bid bond and the offer should be mentioned within both offers and should not be less than (120) days.
- 6- All pages of, both, the technical and commercial offers should be numbered in sequence, including the attachments and documents.
- 7-All documents (profile) (new establishment certificate stamped from the Iraqi embassy in your country financial statement accounts for the last two year (balance sheet) exemption letter issued from general commission for tax contain the taxes number and similar contracts achieved, issued by governmental agencies enclosed with the technical offer before purchasing the requisition.
- 8- A bid bond of amount that stated in the advertisement above against each tender should be submitted with commercial offer from one of the participant in the company according to instruction as(letter of guarantee , certified cheque or bank guarantee) (original copy), issued from :(trade bank of Iraq, kurdistan international bank , north bank , arpil international bank, gihan bank for islamic investment & finance , al mansour bank for investment , national islamic bank , region for business investment and financing (emerald bank befor), bank of baghdad , gulf commercial bank , sumer for commercial , credit bank iraqi , investment bank of iraq , ashur international bank for investment , international development for investment &finance , national bank of iraq , iraqi islamic cooperational bank for investment , commercial bank , byblos bank , dijlal & furat bank for development & investment & iraqi middle east investment bank , bank med and released immediately in case the requisition is not awarded. Cheques & bank guarantees issued from [alwarkaa bank – islamic bilad bank, united bank for investment or basrah international bank, al- huda bank ,economy bank for investment & finance, union bank of Iraq] are not acceptable. this bid bond should be valid for not less than (120) days.
- 9- The delivery period (in days) should be, exactly specified.
- 10- Basic terms of payment is by irrevocable & unconfirmed letter of credit to be paid (100%) after the receipt of goods in baghdad complete and as ordered. other terms of payment may be, mutually, agreed upon later and for certain conditions, which are : a portion of the total amount to be paid, but against bank guarantee the prices of all offers are calculated according to the exchange rate of the central bank of iraq .at the date of opening the offers .for the purpose of preferability and by iraqi dinar only , for iraqi companies according to the exchange rate of the central bank of iraq at the date of preparing the contract,and the cost was stated in the contract.
- 11- Delay penalty to be applied with total amount, not exceeding (10%) of the total value of the contract .
- 12- An unconditional performance bond of (5%) of the total value of the contract to be submitted, from one of the participant in the company as a letter of guarantee (only) after the letter of award and before signing the contract according to instruction , from one of the banks mentioned in item (8) within (15) fifteen days from the date, the supplier is informed of the award. for any delay beyond the specified period, the award will be cancelled and the supplier will be considered as a shirker. the performance bond should be valid for two months later than the delivery period or until the guarantee period (if stated), is over. this performance bond will be released after the receipt of goods complete and as ordered and the supplier has fulfilled all his commitments regarding the contract otherwise, it will be confiscated.

- 13- (2.7%) of the total value of the contract to be deducted as taxes for iraqi companies. also, in case the payment is in iraqi dinar. for non-iraqi companies, the deducted amounts shall be transferred to the general commission of taxes within a period not exceeding (30) days from the date of completing the work and 3% for the contract contain onsite training , installation and operation not to pay the final payment to the second party and not to settle the final account unless after a written approval issued by the general commission for taxes, or deducting a percentage of 10% from it and sent it to the general commission for taxes before the release the final payment , whether the contract execution is in one payment or in multiple payments .
- 14- (0.002) off the total value of the contract to be deducted as stamp charges.
- 15- A sum of (205,000.00) id to be deducted as cost of import license.
- 16- Origin certificate should be approved by iraqi embassy/commercial attaché in the country of origin.
- 17- a sum os money in Iraqi dinar for chemical materials to be deducted as an environmental cost after issuing the contract & will be determined by ministry of environment .
- 18- The participant has no right to omit or make any amendment, whatsoever, to any of the paragraphs of the requisition document.
- 19- The origin of the materials should be specified in the offer and fixed. and will not be changed for any reason state the method & the port of shipment & the entry point .
- 20- The supplier should state his full and fixed name and address
(Country , City , Street, Building, Email ,Phone NO.)
ALL offers and correspondences should be, clearly, signed by the general manager or whom is officially empowered via power of attorney. otherwise the offer will be neglected.
- 21- Third party inspection certificate should be provided from one of the following companies:
[LLOYDS REGISTER – BUREAU VERITAS - INTERTEK GLOBAL - TUV RHEINLAND - DNV]
- 22- It is necessary to present authorization letter from the manufacturer companies certified from ministry of foreign affairs or embassy or consulate or the commercial attached in country of origin
(for tenders of specific materials)
- 23- In case the supplier fails to supply all or part of the requested materials as ordered and according to the technical specification stated in the contract, our company has the right to deduct their cost at the highest offered price submitted by competitors in the table of price analysis for such items.
- 24- The awarded supplier will bear the advertising fees value (100 \$) .
- 25- Iraqi laws are applied : the tender and the contract shall be governed and construed according to the iraqi law. courts shall have the exclusive jurisdiction to hear and determine all actions and proceedings arising out of the contract. governmental debts collection law (no. : 56), for the year 1977 shall be applied on amounts owed to (MRC).
- 26- For chemical (Req) the sample should be submitted with the technical & commercial offers before or (during)the closing otherwise the offers will be neglected
- 27- The contracted company shall not deal with Israel in any way ; otherwise , it shall bear all the legal consequences .
- 28-The companies that need any additional information in order to participate in any tender should buy the tender document & attached with their letters before closing date & our company shall state a date of conference for answering all questions in time not less than (7 day) befor closing date
- 29- Closing date: 10 / 4 / 2017, till (1.00) o'clock (afternoon).**
- 30- All the procedure of the requirements governed by implementing Instructions of government contract No.2 for the Year 2014 , regulations and its amendments
- Note:** you can find the conditions of submitting offers on website: www.oil.gov.iq - www.mrc.oil.gov.iq

G. MANAGER

REQ.NO 1210/2017

| IT | QTY | UNIT | VOCAB NO | DESCRIPTION |
|----|-----|------|--------------|--|
| | | | | STUD BOLTS THREADED FULL LENGTH (U.N.C) WITH TWO NUTS .STUDS IN ACCORDANCE WITH ASTM-A193 GR. B 16 AND STAMPED ON ONE END WITH B 16. NUT IN ACCORDANCE WITH ASTM-A194 GR 4 STAMPED WITH SYMBAL 4 THREAD FITS . |
| | | | | NOMINAL X LENGTH DIA |
| 1. | 160 | NOS | 104025/010.0 | 20 MM X 310 MM |
| 2. | 300 | NOS | 011.0 | 20 MM X 440 MM |
| 3. | 160 | NOS | 012.0 | 20 MM X 350 MM |
| 4. | 160 | NOS | 013.0 | 20 MM X 390MM |
| 5. | 80 | NOS | 018.0 | 42 MM X 605 MM |
| | | | | U bolt for tube guide sheet for F – 201 , F – 202 , F – 203 |
| 6. | 500 | NOS | 346109/025.2 | U bolt with two hexagonal nuts stainless steel material according to ASTM A – 479 Type 310 S O.D 3/8" Straight arm Length 4" Curve readies 2" Threaded Length 3" (as show in figure " A " |

CERTIFICATE OF ORIGINS

**ORIGIN : EUROPE – JAPAN – AUSTRALIA –
USA – CANADA – SOUTH KOREA-INDIA**

DELIVER TIME :(120 DAYS)

THIRD PARTY INSPECTION CERTIFICATE

(VISUAL INSPECTION)

1. Liody's Register
2. Bureau Veritas
3. Intertek Global
4. TUV Rhenland
5. DNV

- **The cost of third party inspection should be 1% of total cost of the contract.**
- **All destructive and non-destructive testing certificates for the supplied materials, which are applied according to ASTM , should be reviewed by third party inspection.**
- **The supplementary requirements for the following specifications should be applied by manufacturing supplier and reviewed by third party :**
 - a. For A193**
 - **As mentioned in general conditions.**
 - b. For A479**
 - **S4 material for high cycle fatigue service**

General Conditions:-

- 1- All mill test and chemical composition report documents should be approved by the independent authorized third party inspection company (TUV, Bureau verities, Lloyd's Register, Intertek Global, and DNV).
- 2- Third party inspection certificate should be submitted which endorsed that all delivered material passed the required tests successfully and comply with the specifications of the tender document.
- 3- Origin certifications should be submitted which were stamped by Iraqi embassy in the origin country.
- 5- The delivered material without inspection authorities' issues, relevant reports, mill and origin certification will be unacceptable.
- 6- Chinese origin is unacceptable.
- 7- Type of inspection document according to EN-10204.3.1
- 8- The supplementary requirements for A- 193 should be applied as blow:-
 - S4 Hardness testing of grade B16.
 - S7 Magnetic particle inspection.

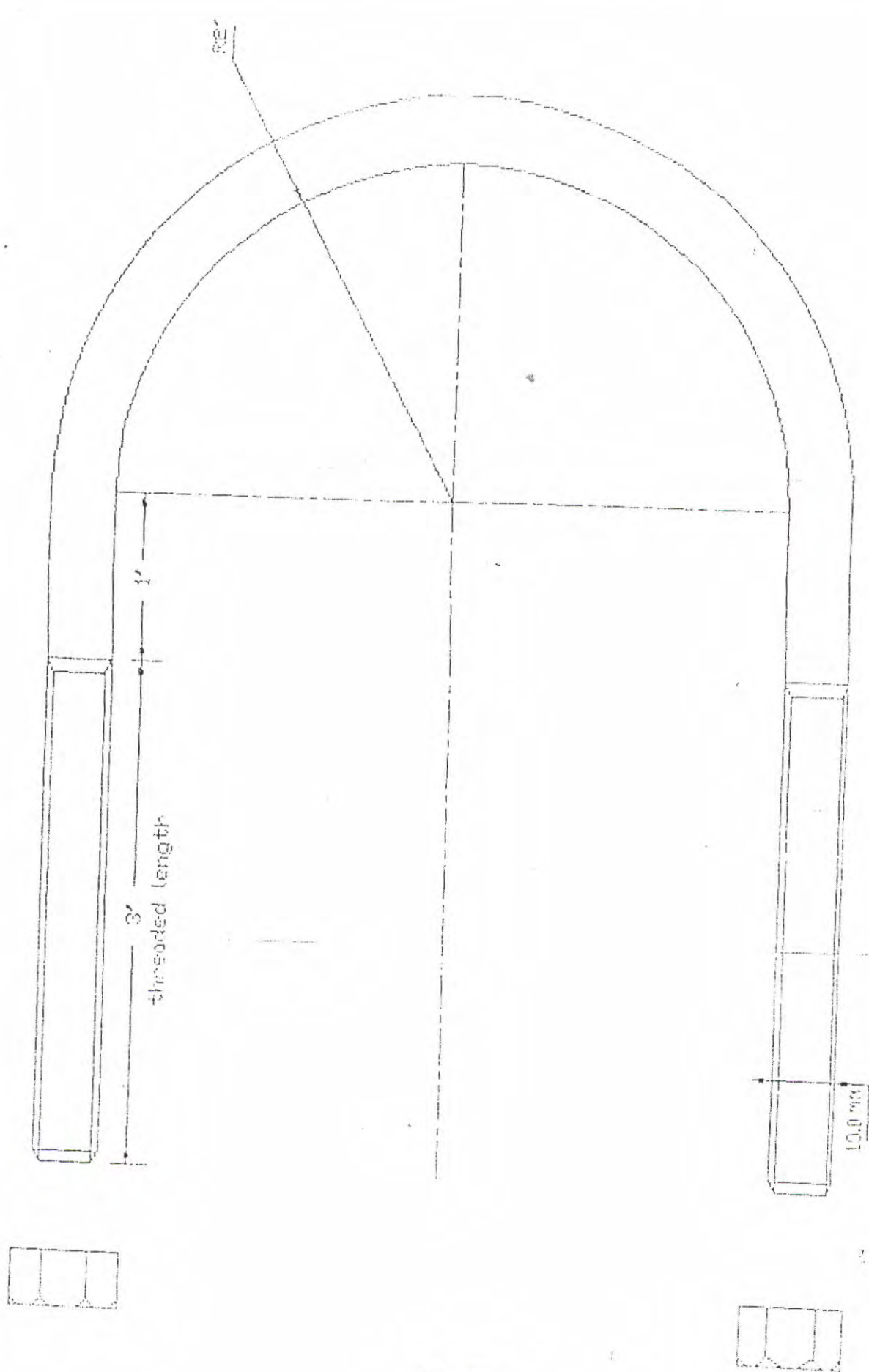


Figure "A"

ADVERTISEMENT

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| REQ.NO. | DESCRIPTION | QTY | ADVERTISEMENT NO. | BID BOND |
|-----------|-------------|----------|-------------------|----------|
| 1223/2017 | METALS | 18 ITEMS | ONCE | 1800 \$ |

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G. MANAGER

| IT | QTY | UNIT | VOCAB | DESCRIPTION |
|----|-----|------|--------------|---|
| | | | | METALS |
| | | | | Free cutting brass round bar rod conforming to Astm B-16 : temper designation (HO2) round cross .section :hot rolled :certificates is required : colour identification black Inches mm in random lengths |
| 1. | 150 | CM | 200505/128.2 | 8" 203 30-60CM |
| | | | | Commercial copper rod bars in pieces not less than of 30 CM Inches mm |
| 2. | 120 | CM | 201405/048.2 | 3" 76 |
| | | | | Chemical composition 3.5-5.8% tin 0.03-0.35% phosphorous 0.10% max iron lead 0.05% max zinc 0.3% max copper plus tin plus phosphorous 99.5% min Phosphor bronze cold brawn and annealed in accordance with Astm designated B-139-52, alloy "A" colour identification: green phosphor bronzes rods Dia inches mm in rand lengths |
| 3. | 300 | CM | 202105/048.2 | 3" 76 120-300CM |
| 4. | 60 | CM | 096.2 | 6" 152 30-60CM |
| | | | | High lead tin bronze hollow bar casting according to ASTM B-144-52 alloy type (3B): commercial designation (83-7-7-3) color identification white dia inches mm in random length Inch mm |
| 5. | 450 | CM | 202510/036.2 | 3"X1.1/2" 76X38 120-240CM |
| 6. | 300 | CM | 202510/040.2 | 3.1/2 X1.1/2" 89X38 60-120CM |

| IT | QTY | UNIT | VOCAB | DESCRIPTION |
|-----|------|------|--------------|---|
| | | | | Cold finish alloy steel bar grade 4140 cold drawn in accordance with Astm designation A-331-50T approximate composition: Carbon 0.38- 0.43% manganese 0.75% silicon 0.20-0.35%chromium 0.80-1.15% molybdenum 0.15-0.25% colour identification –white round bar inches mm in random length |
| 7. | 1200 | CM | 203005/024.2 | 1.1/2" 38 300-450CM |
| | | | | Stainless steel bar according to Astm –A-276-81 A type (304) uns No. (S30400) cold finished :cold drawn: annealed Inches mm in random Lengths |
| 8. | 500 | CM | 203205/052.0 | 3.1/4" 83 180-360CM |
| | | | | Martensitic round bar martensitic stainless steel round bar according to Astm –A-276-81A type (414) UNS designation (S41400):cold fineshed :cold drawn :annealed :colour identification :red. |
| 9. | 150 | CM | 203405/026.2 | 1.5/8" 41 mm 180-360CM |
| | | | | Martensitic hollow round bar stainless steel round bar according to: Astm –A-276 type (414) Uns designation(S41400) cold finished ,cold drawn, annealed colour identification :red. OD x ID |
| 10. | 300 | CM | 203410/056.2 | 3 1/2" x 1 1/2" or 89x38mm |
| | | | | Standard quality :cold finished low carbon steel bar :cold drawn in accordance with Astm –A-108-81 grade designation (1018): UNS No designation (G10180) colour identification black inches mm in random lengths |
| 11. | 6000 | CM | 205105/016.2 | 1" 25 300-450CM |
| 12. | 800 | CM | 036.2 | 2.1/4" 57 300-450CM |
| 13. | 600 | CM | 048.2 | 3" 76 300-450CM |
| 14. | 300 | CM | 112.2 | 7" 178 90-180CM |

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| | | | | Standard quality :cold finished low carbon steel bar :cold drawn in accordance with Astm –A-108-81 grade designation (1018): UNS No designation (G10180) colour identification black Inches mm in random lengths |
| 15. | 300 | CM | 205107/020.2 | 1.1/4" 32 90-180CM |
| | | | | Standard quality :cold finished cold drawn: medium-carbon steel bar : in accordance with Astm –A-108-81 grade designation (1144): UNS No (G11440) inches mm in random lengths |
| 16. | 600 | CM | 205305/032.2 | 2" 51 300-450CM |
| 17. | 200 | CM | 205305/064.2 | 4" 102 180-360CM |
| | | | | Cast iron bars to B.S.1452-1948 grade 12 rough machined to 1/32"above stated sizes in random lengths of 45-90CM round solid bars diameter (inches) dia Inches mm |
| 18. | 100 | CM | 206005/072.2 | 4.1/2" 114 |

ALL COUNTRIES ACCEPTED EXCEPT CHAINA

1- CERTIFICATE OF ORIGIN REQUIRED

2- MILL CERTIFICATE

3- DIMENSIONS CHECK

4- THIRD PART INSPECTION(chemical composition test ultrasonic test)

1- Lloyds Register

2- Bureau Veritas

3- Intertek Global

4- Tuv Rhenland

5- DNV

DELIVERY PERIOD (90 DAYS)

ADVERTISEMENT

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| REQ.NO. | DESCRIPTION | QTY | ADVERTISEMENT NO. | BID BOND |
|-----------|--|----------|-------------------|----------|
| 1622/2017 | DEPRESSANT FOR TRANSFORMER OIL ECA 10111 | 5000 KGS | ONCE | 1350 |

- 1-The requisition to be sold in (250, 000) Iraqi dinars; un returnable or to transfer this amount to MRC Bank account number (90956)in Rafidan Bank head branch .
- 2-Technical and commercial offer should be opened at the same time, the representatives of the companies can be attend to our company (MRC) at 10 o'clock morning one day after the closing day stated below in item (29) .
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- 28-The companies that need any additional information in order to participate in any tender should buy the tender document & attached with their letters before closing date & our company shall state a date of conference for answering all questions in time not less than (7 day) befor closing date
- 29- Closing date: 10 / 4 / 2017, till (1.00) o'clock (afternoon).**
- 30- All the procedure of the requirements governed by implementing Instructions of government contract No.2 for the Year 2014 , regulations and its amendments
- Note:** you can find the conditions of submitting offers on website: www.oil.gov.iq - www.mrc.oil.gov.iq

G. MANAGER

REQ.NO: 1622 /2017

Depressant for transformer oil type alkyl naphthalene or equivalent

Specification :

The function of this compound is to lower the pour point paraffinic base oil of lube plant of middle east crude from zero to -----30 C° to produce transformer oil

DOSAGE: 0.3 ... 0.4 WT %

Note:

Sample of 1 liter should be submitted before closing date, for complete laboratory evaluation test.

If sample not submitted, the offer will be neglected

**PACKING: barrels 165 Kg weight suitable for overseas shipment
(5 DRUMS PER PALLET)**

ORIGIN : EU , USA

MSDS: - - physical and chemical Specification

- **Handling and safety recommendations**
- **Other information's concerning the material**

Delivery time : with 3 month

QTY: 5000 kgs

| CHARACTERISTIC | ANALYSIS METHOD | UNIT | TYPICAL VALUE |
|-----------------------------------|------------------------|----------------|----------------------|
| COLOUR | ASTMD -1500 | ***** | 2.0 |
| SPECIFIC GRAVITY @ 15.6 °C | ASTMD -1288 | KG / M3 | 897 |
| VIS . @ 40 °C | ASTMD -455 | CST | 1100 |
| VIS . @ 100 °C | ASTMD -455 | CST | 130 |
| FLASH POINT COC | ASTMD -93 | °C | 110 |

- **Certificate of origin**
- **Third party inspection**

- 1- Lioyeds Register**
- 2- Bureau Veritas**
- 3-Tuv Rhenland**
- 4- Intertek Global**
- 5- DNV**

MINISTRY OF OIL
MIDLAND REFINERIES CO. (G.CO.)
(DAURA REFINERY)

ADVERTISEMENT

MIDLAND REFINERIES CO. ANNOUNCES FOR PURCHASING THE MATERIALS AS STATED BELOW:-

| REQ.NO. | DESCRIPTION | QTY | ADVERTISEMENT NO. | BID BOND |
|-----------|--|--------|-------------------|----------|
| 3504/2017 | COMPLETE SET OF SCALLOPS AND CENTER PIPE FOR REACTOR | 3 SETS | ONCE | 9000 \$ |

- 1-The requisition to be sold in (250, 000) Iraqi dinars; un returnable or to transfer this amount to MRC Bank account number (90956) in Rafidan Bank head branch .
- 2-Technical and commercial offer should be opened at the same time, the representatives of the companies can be attend to our company (MRC) at 10 o'clock morning one day after the closing day stated below in item (29) .
- 3-Offered prices should be (CIP) Baghdad / Daura Refinery and preferred to be in us dollar. they will be final and nonnegotiable . (MRC) is not obliged to accept the lowest prices.
- 4-offeres (TECHNICAL & COMMERCIAL) to be submitted, separately in sealed envelopes, either directly at (MRC) reception bureau or sent by (DHL). the requisition number, the description and the closing date should be fixed on both envelopes. the validity of the offer should be mentioned within the technical offer ; also on the envelope of the commercial offer. offers sent by e- mail will be neglected.
- 5- The validity of the bid bond and the offer should be mentioned within both offers and should not be less than (120) days.
- 6- All pages of, both, the technical and commercial offers should be numbered in sequence, including the attachments and documents.
- 7-All documents (profile) (new establishment certificate stamped from the Iraqi embassy in your country financial statement accounts for the last two year (balance sheet) exemption letter issued from general commission for tax contain the taxes number and similar contracts achieved, issued by governmental agencies enclosed with the technical offer before purchasing the requisition.
- 8- A bid bond of amount that stated in the advertisement above against each tender should be submitted with commercial offer from one of the participant in the company according to instruction as (letter of guarantee , certified cheque or bank guarantee) (original copy), issued from : (trade bank of Iraq, kurdistan international bank , north bank , arpil international bank, gihan bank for islamic investment & finance , al mansour bank for investment , national islamic bank , region for business investment and financing (emerald bank befor), bank of baghdad , gulf commercial bank , sumer for commercial , credit bank iraqi , investment bank of iraq , ashur international bank for investment , international development for investment & finance , national bank of iraq , iraqi islamic cooperational bank for investment , commercial bank , byblos bank , dijlal & furat bank for development & investment & iraqi middle east investment bank , bank med and released immediately in case the requisition is not awarded. Cheques & bank guarantees issued from [alwarkaa bank – islamic bilad bank, united bank for investment or basrah international bank, al- huda bank ,economy bank for investment & finance, union bank of Iraq] are not acceptable. this bid bond should be valid for not less than (120) days.
- 9- The delivery period (in days) should be, exactly specified.
- 10- Basic terms of payment is by irrevocable & unconfirmed letter of credit to be paid (100%) after the receipt of goods in baghdad complete and as ordered. other terms of payment may be, mutually, agreed upon later and for certain conditions, which are : a portion of the total amount to be paid, but against bank guarantee the prices of all offers are calculated according to the exchange rate of the central bank of iraq .at the date of opening the offers .for the purpose of preferability and by iraqi dinar only , for iraqi companies according to the exchange rate of the central bank of iraq at the date of preparing the contract, and the cost was stated in the contract.
- 11- Delay penalty to be applied with total amount, not exceeding (10%) of the total value of the contract .
- 12- An unconditional performance bond of (5%) of the total value of the contract to be submitted, from one of the participant in the company as a letter of guarantee (only) after the letter of award and before signing the contract according to instruction , from one of the banks mentioned in item (8) within (15) fifteen days from the date, the supplier is informed of the award. for any delay beyond the specified period, the award will be cancelled and the supplier will be considered as a shirker. the performance bond should be valid for two months later than the delivery period or until the guarantee period (if stated), is over. this performance bond will be released after the receipt of goods complete and as ordered and the supplier has fulfilled all his commitments regarding the contract otherwise, it will be confiscated.

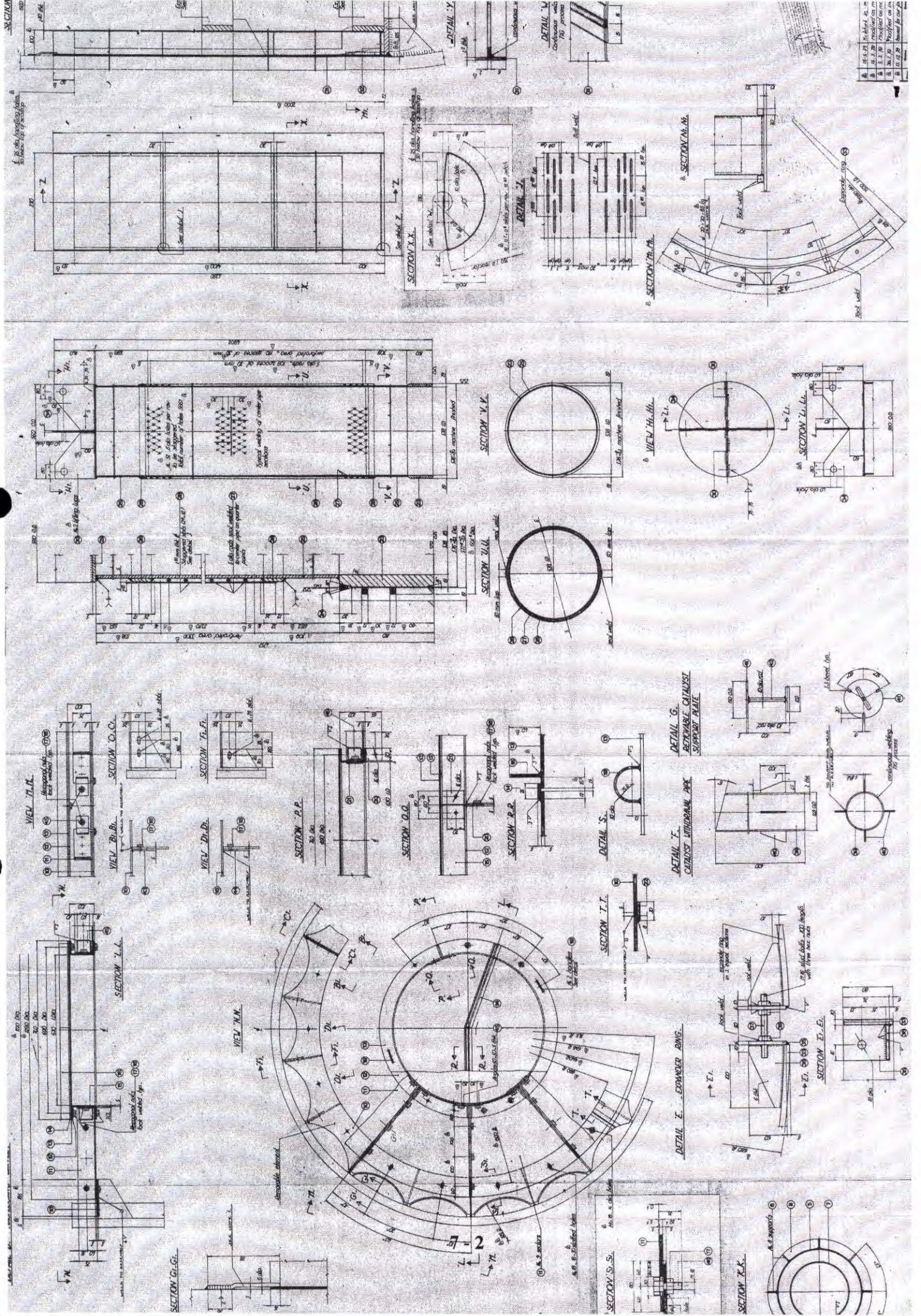
- 13- (2.7%) of the total value of the contract to be deducted as taxes for iraqi companies. also, in case the payment is in iraqi dinar. for non-iraqi companies, the deducted amounts shall be transferred to the general commission of taxes within a period not exceeding (30) days from the date of completing the work and 3% for the contract contain onsite training , installation and operation not to pay the final payment to the second party and not to settle the final account unless after a written approval issued by the general commission for taxes, or deducting a percentage of 10% from it and sent it to the general commission for taxes before the release the final payment , whether the contract execution is in one payment or in multiple payments .
- 14- (0.002) off the total value of the contract to be deducted as stamp charges.
- 15- A sum of (205,000.00) id to be deducted as cost of import license.
- 16- Origin certificate should be approved by iraqi embassy/commercial attaché in the country of origin.
- 17- a sum os money in Iraqi dinar for chemical materials to be deducted as an environmental cost after issuing the contract & will be determined by ministry of environment .
- 18- The participant has no right to omit or make any amendment, whatsoever, to any of the paragraphs of the requisition document.
- 19- The origin of the materials should be specified in the offer and fixed. and will not be changed for any reason state the method & the port of shipment & the entry point .
- 20- The supplier should state his full and fixed name and address
(Country , City , Street, Building, Email ,Phone NO.)
ALL offers and correspondences should be, clearly, signed by the general manager or whom is officially empowered via power of attorney. otherwise the offer will be neglected.
- 21- Third party inspection certificate should be provided from one of the following companies:
[LLOYDS REGISTER – BUREAU VERITAS - INTERTEK GLOBAL - TUV RHEINLAND - DNV]
- 22- It is necessary to present authorization letter from the manufacturer companies certified from ministry of foreign affairs or embassy or consulate or the commercial attached in country of origin
(for tenders of specific materials)
- 23- In case the supplier fails to supply all or part of the requested materials as ordered and according to the technical specification stated in the contract, our company has the right to deduct their cost at the highest offered price submitted by competitors in the table of price analysis for such items.
- 24- The awarded supplier will bear the advertising fees value (100 \$) .
- 25- Iraqi laws are applied : the tender and the contract shall be governed and construed according to the iraqi law. courts shall have the exclusive jurisdiction to hear and determine all actions and proceedings arising out of the contract. governmental debts collection law (no. : 56), for the year 1977 shall be applied on amounts owed to (MRC).
- 26- For chemical (Req) the sample should be submitted with the technical & commercial offers before or (during)the closing otherwise the offers will be neglected
- 27- The contracted company shall not deal with Israel in any way ; otherwise , it shall bear all the legal consequences .
- 28-The companies that need any additional information in order to participate in any tender should buy the tender document & attached with their letters before closing date & our company shall state a date of conference for answering all questions in time not less than (7 day) befor closing date
- 29- Closing date: 10 / 4 / 2017, till (1.00) o'clock (afternoon).**
- 30- All the procedure of the requirements governed by implementing Instructions of government contract No.2 for the Year 2014 , regulations and its amendments
- Note:** you can find the conditions of submitting offers on website: www.oil.gov.iq - www.mrc.oil.gov.iq

G. MANAGER

| <i>Item</i> | <i>Qty</i> | <i>Unit</i> | <i>Description</i> |
|-------------|------------|-------------|---|
| 1. | 1 | Set | Complete set of scallops and center pipe for reactor R-201 with all its contain (bolt , nut , washer) as shown in DW NO(1.5687.1943), (30688.02). |
| 2. | 1 | Set | Complete set of scallops and center pipe for reactor R-202 with all its contain (bolt , nut , washer) as shown in DW NO(1.5688.1943), (30688.03). |
| 3. | 1 | Set | Complete set of scallops and center pipe for reactor R-203 with all its contain (bolt , nut , washer) as shown in DW NO(1.5689.1943), (30688.04). |

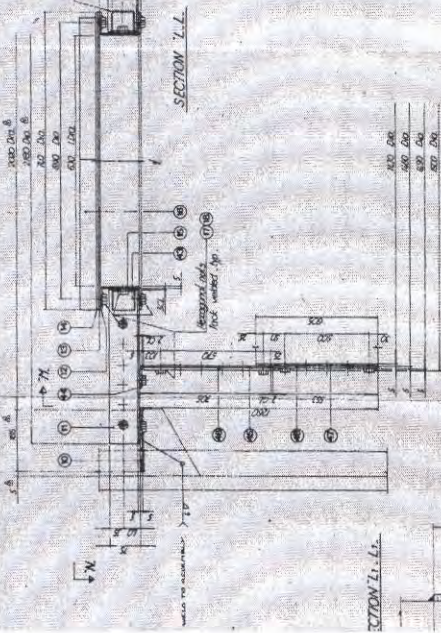
Notes:

1. All the materials supplied should be according to ASTM stand.
2. All the materials concentration tolerance should be according to ASTM tables (table A1-1 refer to requirements' of chemical product analysis tolerances).
- 3 All the materials should be certified by third party and subjected to MRC approval daura refinery before it will be manufactured (all the document for raw material test should be supplied before taking any action).
4. All goods should be packed in a wooden box signed with packing list.
5. Training for two person.
6. Mill certificate
7. Certificate of origin
8. Dimensions check
9. Third party certification should be provided for all the goods after manufacturing general inspection. (lioyd's Register, Bureau veritas, intertek global, TUV Rhenland, DNV).
10. The origin of suppliers should be from (USA, Europe, Japan, Southern Korea, Australia, Canada and India).
11. Preparing period during for six month.
 - The cost of third party inspection shall be 1% of total cost of the contract.
 - The task of third party inspection for the followings activities should be spot witness (10% of the quantity).
 - Chemical analysis.
 - Dimensions check.
 - Mechanical tests.
 - The other certificates of the destructive and non-destructive tests should be reviewed by third party inspection according to (ASTM).

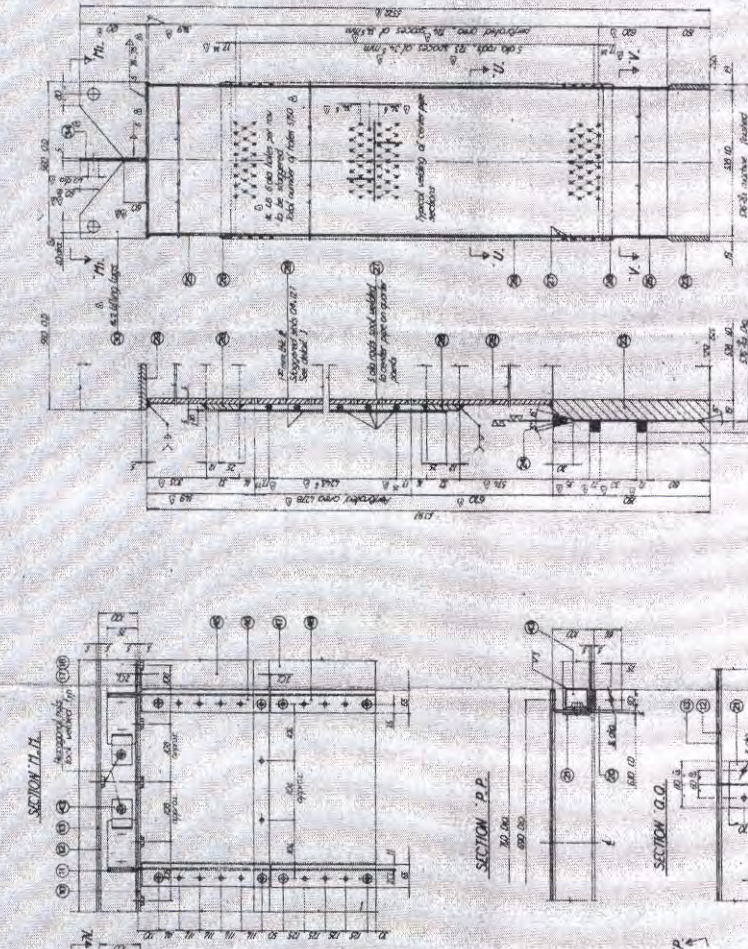


| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |

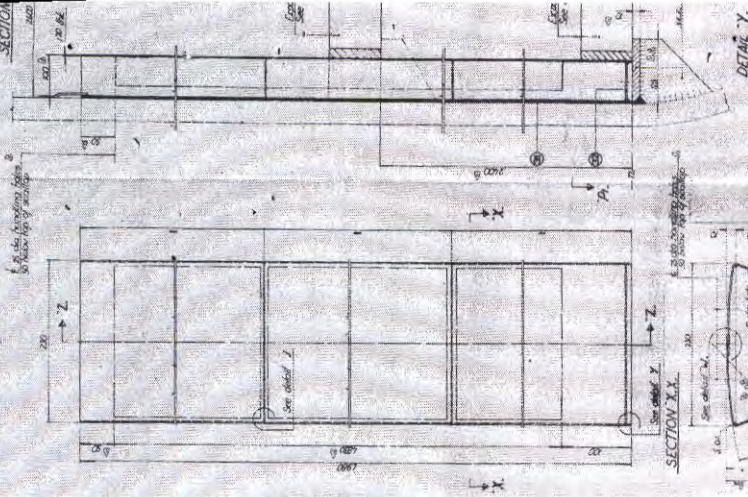
DETAIL B. REFLECTING MIRROR.



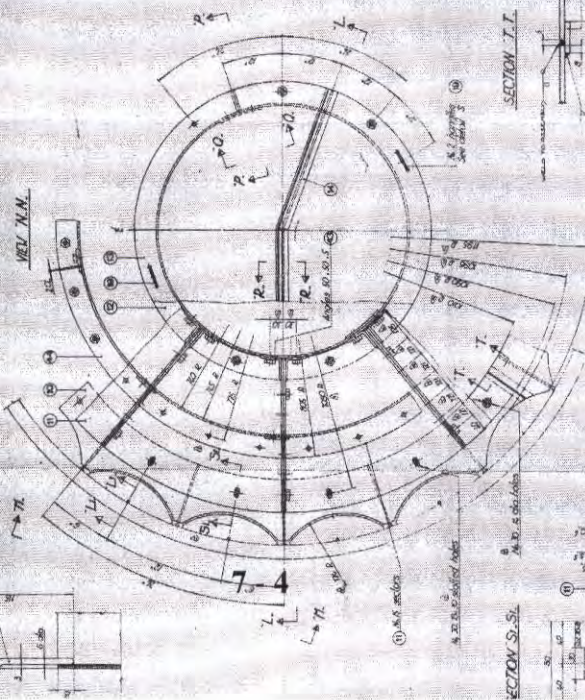
DETAIL C. CENTER PIPE.



DETAIL D. SCALLOPS.



NEW N.N.



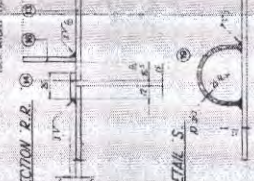
SECTION S.S.



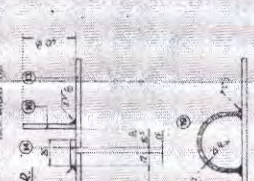
SECTION T.T.



SECTION R.R.



SECTION Q.Q.



SECTION U.U.



SECTION V.V.



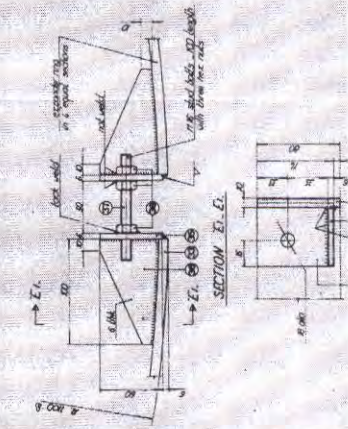
SECTION X.X.



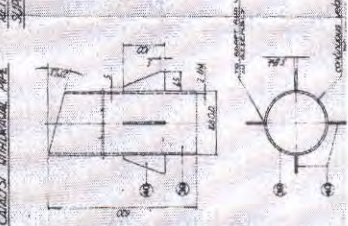
SECTION Y.Y.



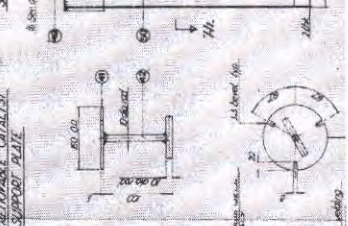
DETAIL E. FORWARD ENG.



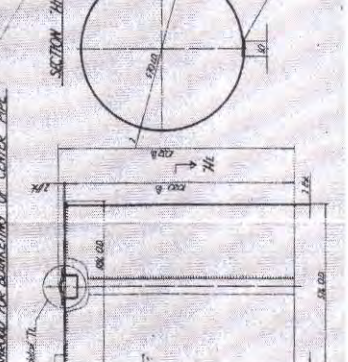
DETAIL F. CATALYST INTERNAL PIPE



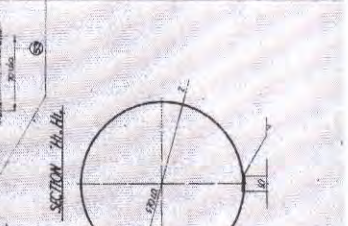
DETAIL G. REMOVABLE CATALYST SUPPORT PLATE



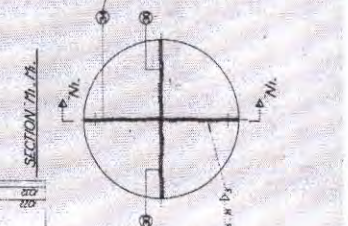
DETAIL H. SKID FOR BLANKING OF CENTER PIPE



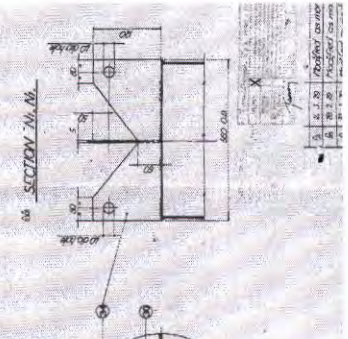
SECTION W.W.

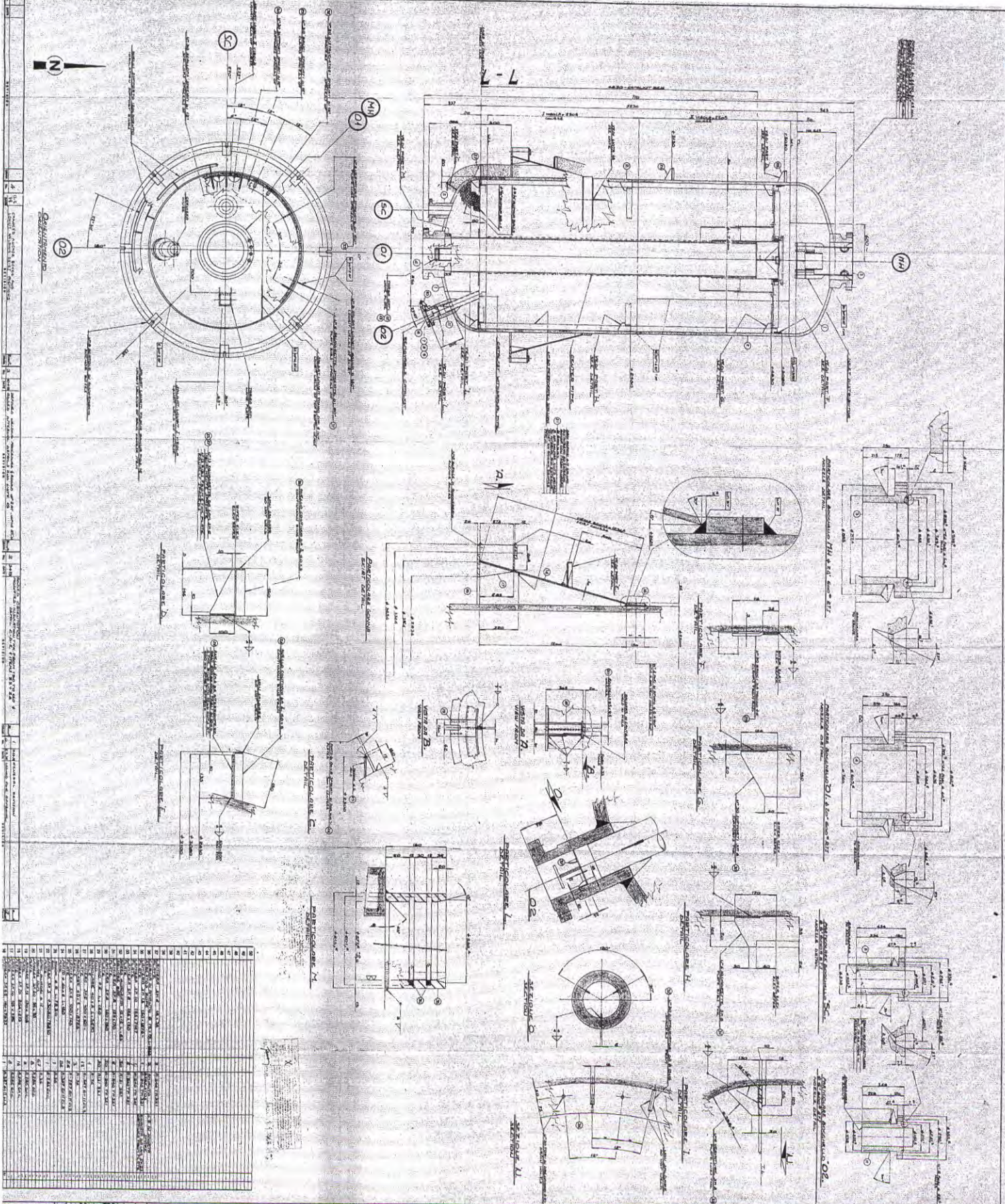


SECTION T.T.



SECTION M.M.





| REVISIONS | | MATERIAL AND DIMENSIONS | | LIST OF COMPONENTS | | REVISIONS | |
|-----------|-------------|-------------------------|------------|--------------------|---|-----------|----------|
| NO. | DESCRIPTION | DATE | BY | QTY | UNIT | DATE | BY |
| 1 | ASSEMBLY | 1960 | J. H. H. | 1 | PC </td <td>1960</td> <td>J. H. H.</td> | 1960 | J. H. H. |
| 2 | REVISION | 1961 | J. H. H. | 1 | PC </td <td>1961</td> <td>J. H. H.</td> | 1961 | J. H. H. |
| 3 | REVISION | 1962 | J. H. H. | 1 | PC </td <td>1962</td> <td>J. H. H.</td> | 1962 | J. H. H. |
| 4 | REVISION | 1963 | J. H. H. | 1 | PC </td <td>1963</td> <td>J. H. H.</td> | 1963 | J. H. H. |
| 5 | REVISION | 1964 | J. H. H. | 1 | PC </td <td>1964</td> <td>J. H. H.</td> | 1964 | J. H. H. |
| 6 | REVISION | 1965 | J. H. H. | 1 | PC </td <td>1965</td> <td>J. H. H.</td> | 1965 | J. H. H. |
| 7 | REVISION | 1966 | J. H. H. | 1 | PC </td <td>1966</td> <td>J. H. H.</td> | 1966 | J. H. H. |
| 8 | REVISION | 1967 | J. H. H. | 1 | PC </td <td>1967</td> <td>J. H. H.</td> | 1967 | J. H. H. |
| 9 | REVISION | 1968 | J. H. H. | 1 | PC </td <td>1968</td> <td>J. H. H.</td> | 1968 | J. H. H. |
| 10 | REVISION | 1969 | J. H. H. | 1 | PC </td <td>1969</td> <td>J. H. H.</td> | 1969 | J. H. H. |
| 11 | REVISION | 1970 | J. H. H. | 1 | PC </td <td>1970</td> <td>J. H. H.</td> | 1970 | J. H. H. |
| 12 | REVISION | 1971 | J. H. H. | 1 | PC </td <td>1971</td> <td>J. H. H.</td> | 1971 | J. H. H. |
| 13 | REVISION | 1972 | J. H. H. | 1 | PC </td <td>1972</td> <td>J. H. H.</td> | 1972 | J. H. H. |
| 14 | REVISION | 1973 | J. H. H. | 1 | PC </td <td>1973</td> <td>J. H. H.</td> | 1973 | J. H. H. |
| 15 | REVISION | 1974 | J. H. H. | 1 | PC </td <td>1974</td> <td>J. H. H.</td> | 1974 | J. H. H. |
| 16 | REVISION | 1975 | J. H. H. | 1 | PC </td <td>1975</td> <td>J. H. H.</td> | 1975 | J. H. H. |
| 17 | REVISION | 1976 | J. H. H. | 1 | PC </td <td>1976</td> <td>J. H. H.</td> | 1976 | J. H. H. |
| 18 | REVISION | 1977 | J. H. H. | 1 | PC </td <td>1977</td> <td>J. H. H.</td> | 1977 | J. H. H. |
| 19 | REVISION | 1978 | J. H. H. | 1 | PC </td <td>1978</td> <td>J. H. H.</td> | 1978 | J. H. H. |
| 20 | REVISION | 1979 | J. H. H. | 1 | PC </td <td>1979</td> <td>J. H. H.</td> | 1979 | J. H. H. |
| 21 | REVISION | 1980 | J. H. H. | 1 | PC </td <td>1980</td> <td>J. H. H.</td> | 1980 | J. H. H. |
| 22 | REVISION | 1981 | J. H. H. | 1 | PC </td <td>1981</td> <td>J. H. H.</td> | 1981 | J. H. H. |
| 23 | REVISION | 1982 | J. H. H. | 1 | PC </td <td>1982</td> <td>J. H. H.</td> | 1982 | J. H. H. |
| 24 | REVISION | 1983 | J. H. H. | 1 | PC </td <td>1983</td> <td>J. H. H.</td> | 1983 | J. H. H. |
| 25 | REVISION | 1984 | J. H. H. | 1 | PC </td <td>1984</td> <td>J. H. H.</td> | 1984 | J. H. H. |
| 26 | REVISION | 1985 | J. H. H. | 1 | PC </td <td>1985</td> <td>J. H. H.</td> | 1985 | J. H. H. |
| 27 | REVISION | 1986 | J. H. H. | 1 | PC </td <td>1986</td> <td>J. H. H.</td> | 1986 | J. H. H. |
| 28 | REVISION | 1987 | J. H. H. | 1 | PC </td <td>1987</td> <td>J. H. H.</td> | 1987 | J. H. H. |
| 29 | REVISION | 1988 | J. H. H. | 1 | PC </td <td>1988</td> <td>J. H. H.</td> | 1988 | J. H. H. |
| 30 | REVISION | 1989 | J. H. H. | 1 | PC </td <td>1989</td> <td>J. H. H.</td> | 1989 | J. H. H. |
| 31 | REVISION | 1990 | J. H. H. | 1 | PC </td <td>1990</td> <td>J. H. H.</td> | 1990 | J. H. H. |
| 32 | REVISION | 1991 | J. H. H. | 1 | PC </td <td>1991</td> <td>J. H. H.</td> | 1991 | J. H. H. |
| 33 | REVISION | 1992 | J. H. H. | 1 | PC </td <td>1992</td> <td>J. H. H.</td> | 1992 | J. H. H. |
| 34 | REVISION | 1993 | J. H. H. | 1 | PC </td <td>1993</td> <td>J. H. H.</td> | 1993 | J. H. H. |
| 35 | REVISION | 1994 | J. H. H. | 1 | PC </td <td>1994</td> <td>J. H. H.</td> | 1994 | J. H. H. |
| 36 | REVISION | 1995 | J. H. H. | 1 | PC </td <td>1995</td> <td>J. H. H.</td> | 1995 | J. H. H. |
| 37 | REVISION | 1996 | J. H. H. | 1 | PC </td <td>1996</td> <td>J. H. H.</td> | 1996 | J. H. H. |
| 38 | REVISION | 1997 | J. H. H. | 1 | PC </td <td>1997</td> <td>J. H. H.</td> | 1997 | J. H. H. |
| 39 | REVISION | 1998 | J. H. H. | 1 | PC </td <td>1998</td> <td>J. H. H.</td> | 1998 | J. H. H. |
| 40 | REVISION | 1999 | J. H. H. | 1 | PC </td <td>1999</td> <td>J. H. H.</td> | 1999 | J. H. H. |
| 41 | REVISION | 2000 | J. H. H. | 1 | PC </td <td>2000</td> <td>J. H. H.</td> | 2000 | J. H. H. |
| 42 | REVISION | 2001 | J. H. H. | 1 | PC </td <td>2001</td> <td>J. H. H.</td> | 2001 | J. H. H. |
| 43 | REVISION | 2002 | J. H. H. | 1 | PC </td <td>2002</td> <td>J. H. H.</td> | 2002 | J. H. H. |
| 44 | REVISION | 2003 | J. H. H. | 1 | PC </td <td>2003</td> <td>J. H. H.</td> | 2003 | J. H. H. |
| 45 | REVISION | 2004 | J. H. H. | 1 | PC </td <td>2004</td> <td>J. H. H.</td> | 2004 | J. H. H. |
| 46 | REVISION | 2005 | J. H. H. | 1 | PC </td <td>2005</td> <td>J. H. H.</td> | 2005 | J. H. H. |
| 47 | REVISION | 2006 | J. H. H. | 1 | PC </td <td>2006</td> <td>J. H. H.</td> | 2006 | J. H. H. |
| 48 | REVISION | 2007 | J. H. H. | 1 | PC </td <td>2007</td> <td>J. H. H.</td> | 2007 | J. H. H. |
| 49 | REVISION | 2008 | J. H. H. | 1 | PC </td <td>2008</td> <td>J. H. H.</td> | 2008 | J. H. H. |
| 50 | REVISION | 2009 | J. H. H. | 1 | PC </td <td>2009</td> <td>J. H. H.</td> | 2009 | J. H. H. |
| 51 | REVISION | 2010 | J. H. H. | 1 | PC </td <td>2010</td> <td>J. H. H.</td> | 2010 | J. H. H. |
| 52 | REVISION | 2011 | J. H. H. | 1 | PC </td <td>2011</td> <td>J. H. H.</td> | 2011 | J. H. H. |
| 53 | REVISION | 2012 | J. H. H. | 1 | PC </td <td>2012</td> <td>J. H. H.</td> | 2012 | J. H. H. |
| 54 | REVISION | 2013 | J. H. H. | 1 | PC </td <td>2013</td> <td>J. H. H.</td> | 2013 | J. H. H. |
| 55 | REVISION | 2014 | J. H. H. | 1 | PC </td <td>2014</td> <td>J. H. H.</td> | 2014 | J. H. H. |
| 56 | REVISION | 2015 | J. H. H. | 1 | PC </td <td>2015</td> <td>J. H. H.</td> | 2015 | J. H. H. |
| 57 | REVISION | 2016 | J. H. H. | 1 | PC </td <td>2016</td> <td>J. H. H.</td> | 2016 | J. H. H. |
| 58 | REVISION | 2017 | J. H. H. | 1 | PC </td <td>2017</td> <td>J. H. H.</td> | 2017 | J. H. H. |
| 59 | REVISION | 2018 | J. H. H. | 1 | PC </td <td>2018</td> <td>J. H. H.</td> | 2018 | J. H. H. |
| 60 | REVISION | 2019 | J. H. H. | 1 | PC </td <td>2019</td> <td>J. H. H.</td> | 2019 | J. H. H. |
| 61 | REVISION | 2020 | J. H. H. | 1 | PC </td <td>2020</td> <td>J. H. H.</td> | 2020 | J. H. H. |
| 62 | REVISION | 2021 | J. H. H. | 1 | PC </td <td>2021</td> <td>J. H. H.</td> | 2021 | J. H. H. |
| 63 | REVISION | 2022 | J. H. H. | 1 | PC </td <td>2022</td> <td>J. H. H.</td> | 2022 | J. H. H. |
| 64 | REVISION | 2023 | J. H. H. | 1 | PC </td <td>2023</td> <td>J. H. H.</td> | 2023 | J. H. H. |
| 65 | REVISION | 2024 | J. H. H. | 1 | PC </td <td>2024</td> <td>J. H. H.</td> | 2024 | J. H. H. |
| 66 | REVISION | 2025 | J. H. H. | 1 | PC </td <td>2025</td> <td>J. H. H.</td> | 2025 | J. H. H. |
| 67 | REVISION | 2026 | J. H. H. | 1 | PC </td <td>2026</td> <td>J. H. H.</td> | 2026 | J. H. H. |
| 68 | REVISION | 2027 | J. H. H. | 1 | PC </td <td>2027</td> <td>J. H. H.</td> | 2027 | J. H. H. |
| 69 | REVISION | 2028 | J. H. H. | 1 | PC </td <td>2028</td> <td>J. H. H.</td> | 2028 | J. H. H. |
| 70 | REVISION | 2029 | J. H. H. | 1 | PC </td <td>2029</td> <td>J. H. H.</td> | 2029 | J. H. H. |
| 71 | REVISION | 2030 | J. H. H. | 1 | PC </td <td>2030</td> <td>J. H. H.</td> | 2030 | J. H. H. |
| 72 | REVISION | 2031 | J. H. H. | 1 | PC </td <td>2031</td> <td>J. H. H.</td> | 2031 | J. H. H. |
| 73 | REVISION | 2032 | J. H. H. | 1 | PC </td <td>2032</td> <td>J. H. H.</td> | 2032 | J. H. H. |
| 74 | REVISION | 2033 | J. H. H. | 1 | PC </td <td>2033</td> <td>J. H. H.</td> | 2033 | J. H. H. |
| 75 | REVISION | 2034 | J. H. H. | 1 | PC </td <td>2034</td> <td>J. H. H.</td> | 2034 | J. H. H. |
| 76 | REVISION | 2035 | J. H. H. | 1 | PC </td <td>2035</td> <td>J. H. H.</td> | 2035 | J. H. H. |
| 77 | REVISION | 2036 | J. H. H. | 1 | PC </td <td>2036</td> <td>J. H. H.</td> | 2036 | J. H. H. |
| 78 | REVISION | 2037 | J. H. H. | 1 | PC </td <td>2037</td> <td>J. H. H.</td> | 2037 | J. H. H. |
| 79 | REVISION | 2038 | J. H. H. | 1 | PC </td <td>2038</td> <td>J. H. H.</td> | 2038 | J. H. H. |
| 80 | REVISION | 2039 | J. H. H. | 1 | PC </td <td>2039</td> <td>J. H. H.</td> | 2039 | J. H. H. |
| 81 | REVISION | 2040 | J. H. H. | 1 | PC </td <td>2040</td> <td>J. H. H.</td> | 2040 | J. H. H. |
| 82 | REVISION | 2041 | J. H. H. | 1 | PC </td <td>2041</td> <td>J. H. H.</td> | 2041 | J. H. H. |
| 83 | REVISION | 2042 | J. H. H. | 1 | PC </td <td>2042</td> <td>J. H. H.</td> | 2042 | J. H. H. |
| 84 | REVISION | 2043 | J. H. H. | 1 | PC </td <td>2043</td> <td>J. H. H.</td> | 2043 | J. H. H. |
| 85 | REVISION | 2044 | J. H. H. | 1 | PC </td <td>2044</td> <td>J. H. H.</td> | 2044 | J. H. H. |
| 86 | REVISION | 2045 | J. H. H. | 1 | PC </td <td>2045</td> <td>J. H. H.</td> | 2045 | J. H. H. |
| 87 | REVISION | 2046 | J. H. H. | 1 | PC </td <td>2046</td> <td>J. H. H.</td> | 2046 | J. H. H. |
| 88 | REVISION | 2047 | J. H. H. | 1 | PC </td <td>2047</td> <td>J. H. H.</td> | 2047 | J. H. H. |
| 89 | REVISION | 2048 | J. H. H. | 1 | PC </td <td>2048</td> <td>J. H. H.</td> | 2048 | J. H. H. |
| 90 | REVISION | 2049 | J. H. H. | 1 | PC </td <td>2049</td> <td>J. H. H.</td> | 2049 | J. H. H. |
| 91 | REVISION | 2050 | J. H. H. | 1 | PC </td <td>2050</td> <td>J. H. H.</td> | 2050 | J. H. H. |
| 92 | REVISION | 2051 | J. H. H. | 1 | PC </td <td>2051</td> <td>J. H. H.</td> | 2051 | J. H. H. |
| 93 | REVISION | 2052 | J. H. H. | 1 | PC </td <td>2052</td> <td>J. H. H.</td> | 2052 | J. H. H. |
| 94 | REVISION | 2053 | J. H. H. | 1 | PC </td <td>2053</td> <td>J. H. H.</td> | 2053 | J. H. H. |
| 95 | REVISION | 2054 | J. H. H. | 1 | PC </td <td>2054</td> <td>J. H. H.</td> | 2054 | J. H. H. |
| 96 | REVISION | 2055 | J. H. H. | 1 | PC </td <td>2055</td> <td>J. H. H.</td> | 2055 | J. H. H. |
| 97 | REVISION | 2056 | J. H. H. | 1 | PC </td <td>2056</td> <td>J. H. H.</td> | 2056 | J. H. H. |
| 98 | REVISION | 2057 | J. H. H. | 1 | PC </td <td>2057</td> <td>J. H. H.</td> | 2057 | J. H. H. |
| 99 | REVISION | 2058 | J. H. H. | 1 | PC </td <td>2058</td> <td>J. H. H.</td> | 2058 | J. H. H. |
| 100 | REVISION | 2059 | J. H. H. | 1 | PC </td <td>2059</td> <td>J. H. H.</td> | 2059 | J. H. H. |
| 101 | REVISION | 2060 | J. H. H. | 1 | PC </td <td>2060</td> <td>J. H. H.</td> | 2060 | J. H. H. |
| 102 | REVISION | 2061 | J. H. H. | 1 | PC </td <td>2061</td> <td>J. H. H.</td> | 2061 | J. H. H. |
| 103 | REVISION | 2062 | J. H. H. | 1 | PC </td <td>2062</td> <td>J. H. H.</td> | 2062 | J. H. H. |
| 104 | REVISION | 2063 | J. H. H. | 1 | PC </td <td>2063</td> <td>J. H. H.</td> | 2063 | J. H. H. |
| 105 | REVISION | 2064 | J. H. H. | 1 | PC </td <td>2064</td> <td>J. H. H.</td> | 2064 | J. H. H. |
| 106 | REVISION | 2065 | J. H. H. | 1 | PC </td <td>2065</td> <td>J. H. H.</td> | 2065 | J. H. H. |
| 107 | REVISION | 2066 | J. H. H. | 1 | PC </td <td>2066</td> <td>J. H. H.</td> | 2066 | J. H. H. |
| 108 | REVISION | 2067 | J. H. H. | 1 | PC </td <td>2067</td> <td>J. H. H.</td> | 2067 | J. H. H. |
| 109 | REVISION | 2068 | J. H. H. | 1 | PC </td <td>2068</td> <td>J. H. H.</td> | 2068 | J. H. H. |
| 110 | REVISION | 2069 | J. H. H. | 1 | PC </td <td>2069</td> <td>J. H. H.</td> | 2069 | J. H. H. |
| 111 | REVISION | 2070 | J. H. H. | 1 | PC </td <td>2070</td> <td>J. H. H.</td> | 2070 | J. H. H. |
| 112 | REVISION | 2071 | J. H. H. | 1 | PC </td <td>2071</td> <td>J. H. H.</td> | 2071 | J. H. H. |
| 113 | REVISION | 2072 | J. H. H. | 1 | PC </td <td>2072</td> <td>J. H. H.</td> | 2072 | J. H. H. |
| 114 | REVISION | 2073 | J. H. H. | 1 | PC </td <td>2073</td> <td>J. H. H.</td> | 2073 | J. H. H. |
| 115 | REVISION | 2074 | J. H. H. | 1 | PC </td <td>2074</td> <td>J. H. H.</td> | 2074 | J. H. H. |
| 116 | REVISION | 2075 | J. H. H. | 1 | PC </td <td>2075</td> <td>J. H. H.</td> | 2075 | J. H. H. |
| 117 | REVISION | 2076 | J. H. H. | 1 | PC </td <td>2076</td> <td>J. H. H.</td> | 2076 | J. H. H. |
| 118 | REVISION | 2077 | J. H. H. | 1 | PC </td <td>2077</td> <td>J. H. H.</td> | 2077 | J. H. H. |
| 119 | REVISION | 2078 | J. H. H. | 1 | PC </td <td>2078</td> <td>J. H. H.</td> | 2078 | J. H. H. |
| 120 | REVISION | 2079 | J. H. H. | 1 | PC </td <td>2079</td> <td>J. H. H.</td> | 2079 | J. H. H. |
| 121 | REVISION | 2080 | J. H. H. | 1 | PC </td <td>2080</td> <td>J. H. H.</td> | 2080 | J. H. H. |
| 122 | REVISION | 2081 | J. H. H. | 1 | PC </td <td>2081</td> <td>J. H. H.</td> | 2081 | J. H. H. |
| 123 | REVISION | 2082 | J. H. H. | 1 | PC </td <td>2082</td> <td>J. H. H.</td> | 2082 | J. H. H. |
| 124 | REVISION | 2083 | J. H. H. | 1 | PC </td <td>2083</td> <td>J. H. H.</td> | 2083 | J. H. H. |
| 125 | REVISION | 2084 | J. H. H. | 1 | PC </td <td>2084</td> <td>J. H. H.</td> | 2084 | J. H. H. |
| 126 | REVISION | 2085 | J. H. H. | 1 | PC </td <td>2085</td> <td>J. H. H.</td> | 2085 | J. H. H. |
| 127 | REVISION | 2086 | J. H. H. | 1 | PC </td <td>2086</td> <td>J. H. H.</td> | 2086 | J. H. H. |
| 128 | REVISION | 2087 | J. H. H. | 1 | PC </td <td>2087</td> <td>J. H. H.</td> | 2087 | J. H. H. |
| 129 | REVISION | 2088 | J. H. H. | 1 | PC </td <td>2088</td> <td>J. H. H.</td> | 2088 | J. H. H. |
| 130 | REVISION | 2089 | J. H. H. | 1 | PC </td <td>2089</td> <td>J. H. H.</td> | 2089 | J. H. H. |
| 131 | REVISION | 2090 | J. H. H. | 1 | PC </td <td>2090</td> <td>J. H. H.</td> | 2090 | J. H. H. |
| 132 | REVISION | 2091 | J. H. H. | 1 | PC </td <td>2091</td> <td>J. H. H.</td> | 2091 | J. H. H. |
| 133 | REVISION | 2092 | J. H. H. | 1 | PC </td <td>2092</td> <td>J. H. H.</td> | 2092 | J. H. H. |
| 134 | REVISION | 2093 | J. H. H. | 1 | PC </td <td>2093</td> <td>J. H. H.</td> | 2093 | J. H. H. |
| 135 | REVISION | 2094 | J. H. H. | 1 | PC </td <td>2094</td> <td>J. H. H.</td> | 2094 | J. H. H. |
| 136 | REVISION | 2095 | J. H. H. | 1 | PC </td <td>2095</td> <td>J. H. H.</td> | 2095 | J. H. H. |
| 137 | REVISION | 2096 | J. H. H. | 1 | PC </td <td>2096</td> <td>J. H. H.</td> | 2096 | J. H. H. |
| 138 | REVISION | 2097 | J. H. H. | 1 | PC </td <td>2097</td> <td>J. H. H.</td> | 2097 | J. H. H. |
| 139 | REVISION | 2098 | J. H. H. | 1 | PC </td <td>2098</td> <td>J. H. H.</td> | 2098 | J. H. H. |
| 140 | REVISION | 2099 | J. H. H. | 1 | PC </td <td>2099</td> <td>J. H. H.</td> | 2099 | J. H. H. |
| 141 | REVISION | 2100 | J. H. H. | 1 | PC </td <td>2100</td> <td>J. H. H.</td> | 2100 | J. H. H. |
| 142 | REVISION | 2101 | J. H. H. | 1 | PC </td <td>2101</td> <td>J. H. H.</td> | 2101 | J. H. H. |
| 143 | REVISION | 2102 | J. H. H. | 1 | PC </td <td>2102</td> <td>J. H. H.</td> | 2102 | J. H. H. |
| 144 | REVISION | 2103 | J. H. H. | 1 | PC </td <td>2103</td> <td>J. H. H.</td> | 2103 | J. H. H. |
| 145 | REVISION | 2104 | J. H. H. | 1 | PC </td <td>2104</td> <td>J. H. H.</td> | 2104 | J. H. H. |
| 146 | REVISION | 2105 | J. H. H. | 1 | PC </td <td>2105</td> <td>J. H. H.</td> | 2105 | J. H. H. |
| 147 | REVISION | 2106 | J. H. H. | 1 | PC </td <td>2106</td> <td>J. H. H.</td> | 2106 | J. H. H. |
| 148 | REVISION | 2107 | J. H. H. | 1 | PC </td <td>2107</td> <td>J. H. H.</td> | 2107 | J. H. H. |
| 149 | REVISION | 2108 | J. H. H. | 1 | PC </td <td>2108</td> <td>J. H. H.</td> | 2108 | J. H. H. |
| 150 | REVISION | 2109 | J. H. H. | 1 | PC </td <td>2109</td> <td>J. H. H.</td> | 2109 | J. H. H. |
| 151 | REVISION | 2110 | J. H. H. | 1 | PC </td <td>2110</td> <td>J. H. H.</td> | 2110 | J. H. H. |
| 152 | REVISION | 2111 | J. H. H. | 1 | PC </td <td>2111</td> <td>J. H. H.</td> | 2111 | J. H. H. |
| 153 | REVISION | 2112 | J. H. H. | 1 | PC </td <td>2112</td> <td>J. H. H.</td> | 2112 | J. H. H. |
| 154 | REVISION | 2113 | J. H. H.</ | | | | |

ADVERTISEMENT

MIDLAND REFINERIES CO. ANNOUNCES FOR PURCHASING THE MATERIALS AS STATED BELOW:-

| REQ.NO. | DESCRIPTION | QTY | ADVERTISEMENT NO. | BID BOND |
|-----------|---|--------|-------------------|----------|
| 4800/2017 | SET OF COMPLETE CENTRIFUGAL SUMP PUMPS WITH ELECTRIC MOTOR AND BASE PLATE | 5 SETS | ONCE | 6400 \$ |

- 1-The requisition to be sold in (250, 000) Iraqi dinars; un returnable or to transfer this amount to MRC Bank account number (90956) in Rafidan Bank head branch .
- 2-Technical and commercial offer should be opened at the same time, the representatives of the companies can be attend to our company (MRC) at 10 o'clock morning one day after the closing day stated below in item (29) .
- 3-Offered prices should be (CIP) Baghdad / Daura Refinery and preferred to be in us dollar. they will be final and nonnegotiable . (MRC) is not obliged to accept the lowest prices.
- 4-offeres (TECHNICAL & COMMERCIAL) to be submitted, separately in sealed envelopes, either directly at (MRC) reception bureau or sent by (DHL). the requisition number, the description and the closing date should be fixed on both envelopes. the validity of the offer should be mentioned within the technical offer ; also on the envelope of the commercial offer. offers sent by e- mail will be neglected.
- 5- The validity of the bid bond and the offer should be mentioned within both offers and should not be less than (120) days.
- 6- All pages of, both, the technical and commercial offers should be numbered in sequence, including the attachments and documents.
- 7-All documents (profile) (new establishment certificate stamped from the Iraqi embassy in your country financial statement accounts for the last two year (balance sheet) exemption letter issued from general commission for tax contain the taxes number and similar contracts achieved, issued by governmental agencies enclosed with the technical offer before purchasing the requisition.
- 8- A bid bond of amount that stated in the advertisement above against each tender should be submitted with commercial offer from one of the participant in the company according to instruction as(letter of guarantee , certified cheque or bank guarantee) (original copy), issued from :(trade bank of Iraq, kurdistan international bank , north bank , arpil international bank, gihan bank for islamic investment & finance , al mansour bank for investment , national islamic bank , region for business investment and financing (emerald bank befor), bank of baghdad , gulf commercial bank , sumer for commercial , credit bank iraqi , investment bank of iraq , ashur international bank for investment , international development for investment &finance , national bank of iraq , iraqi islamic cooperational bank for investment , commercial bank , byblos bank , dijlal & furat bank for development & investment & iraqi middle east investment bank , bank med and released immediately in case the requisition is not awarded. Cheques & bank guarantees issued from [alwarkaa bank – islamic bilad bank, united bank for investment or basrah international bank, al- huda bank ,economy bank for investment & finance, union bank of Iraq] are not acceptable. this bid bond should be valid for not less than (120) days.
- 9- The delivery period (in days) should be, exactly specified.
- 10- Basic terms of payment is by irrevocable & unconfirmed letter of credit to be paid (100%) after the receipt of goods in baghdad complete and as ordered. other terms of payment may be, mutually, agreed upon later and for certain conditions, which are : a portion of the total amount to be paid, but against bank guarantee the prices of all offers are calculated according to the exchange rate of the central bank of iraq .at the date of opening the offers .for the purpose of preferability and by iraqi dinar only , for iraqi companies according to the exchange rate of the central bank of iraq at the date of preparing the contract, and the cost was stated in the contract.
- 11- Delay penalty to be applied with total amount, not exceeding (10%) of the total value of the contract .
- 12- An unconditional performance bond of (5%) of the total value of the contract to be submitted, from one of the participant in the company as a letter of guarantee (only) after the letter of award and before signing the contract according to instruction , from one of the banks mentioned in item (8) within (15) fifteen days from the date, the supplier is informed of the award. for any delay beyond the specified period, the award will be cancelled and the supplier will be considered as a shirker. the performance bond should be valid for two months later than the delivery period or until the guarantee period (if stated), is over. this performance bond will be released after the receipt of goods complete and as ordered and the supplier has fulfilled all his commitments regarding the contract otherwise, it will be confiscated.

- 13- (2.7%) of the total value of the contract to be deducted as taxes for iraqi companies. also, in case the payment is in iraqi dinar. for non-iraqi companies, the deducted amounts shall be transferred to the general commission of taxes within a period not exceeding (30) days from the date of completing the work and 3% for the contract contain onsite training , installation and operation not to pay the final payment to the second party and not to settle the final account unless after a written approval issued by the general commission for taxes, or deducting a percentage of 10% from it and sent it to the general commission for taxes before the release the final payment , whether the contract execution is in one payment or in multiple payments .
- 14- (0.002) off the total value of the contract to be deducted as stamp charges.
- 15- A sum of (205,000.00) id to be deducted as cost of import license.
- 16- Origin certificate should be approved by iraqi embassy/commercial attaché in the country of origin.
- 17- a sum os money in Iraqi dinar for chemical materials to be deducted as an environmental cost after issuing the contract & will be determined by ministry of environment .
- 18- The participant has no right to omit or make any amendment, whatsoever, to any of the paragraphs of the requisition document.
- 19- The origin of the materials should be specified in the offer and fixed. and will not be changed for any reason state the method & the port of shipment & the entry point .
- 20- The supplier should state his full and fixed name and address
(Country , City , Street, Building, Email ,Phone NO.)
ALL offers and correspondences should be, clearly, signed by the general manager or whom is officially empowered via power of attorney. otherwise the offer will be neglected.
- 21- Third party inspection certificate should be provided from one of the following companies:
[LLOYDS REGISTER – BUREAU VERITAS - INTERTEK GLOBAL - TUV RHEINLAND - DNV]
- 22- It is necessary to present authorization letter from the manufacturer companies certified from ministry of foreign affairs or embassy or consulate or the commercial attached in country of origin
(for tenders of specific materials)
- 23- In case the supplier fails to supply all or part of the requested materials as ordered and according to the technical specification stated in the contract, our company has the right to deduct their cost at the highest offered price submitted by competitors in the table of price analysis for such items.
- 24- The awarded supplier will bear the advertising fees value (100 \$) .
- 25- Iraqi laws are applied : the tender and the contract shall be governed and construed according to the iraqi law. courts shall have the exclusive jurisdiction to hear and determine all actions and proceedings arising out of the contract. governmental debts collection law (no. : 56), for the year 1977 shall be applied on amounts owed to (MRC).
- 26- For chemical (Req) the sample should be submitted with the technical & commercial offers before or (during)the closing otherwise the offers will be neglected
- 27- The contracted company shall not deal with Israel in any way ; otherwise , it shall bear all the legal consequences .
- 28-The companies that need any additional information in order to participate in any tender should buy the tender document & attached with their letters before closing date & our company shall state a date of conference for answering all questions in time not less than (7 day) befor closing date
- 29- Closing date: 10 / 4 / 2017, till (1.00) o'clock (afternoon).**
- 30- All the procedure of the requirements governed by implementing Instructions of government contract No.2 for the Year 2014 , regulations and its amendments
- Note:** you can find the conditions of submitting offers on website: www.oil.gov.iq - www.mrc.oil.gov.iq

G. MANAGER

REQ.NO.4800/2017

**SET OF COMPLETE CENTRIFUGAL SUMP PUMPS WITH ELECTRIC MOTOR AND BASE
PLATE**

PROCESS INFORMATION :

A SET "QTY. 5" OF COMPLETE CENTERFUGAL SUMP PUMPS WITH ELECTRIC MOTOR AND BASE BLATE FOR SEWER PIT (R.O. UNIT & DISTILASION UNITS) / AL-SAMAWA REFINERY.

SCOPE OF SUPPLY FOR EACH UNIT:

- PUMP SHOULD BE SINGLE STAGE, MANUFACTURED ACCORDING TO API 610 /TYBE VS4.
- MATERIAL SHOULD BE C6 orS6 .
- BEARING SHOULD BE DOUBLA THRUST.
- BEARING SHOULD BE OIL LUBRICATED TYPE.
- SLEEVE BEARING SHOULD BE (GREASE /LUBRICATED)
- COUPLING SHOULD BE FLEXIBLE WITH SPACER TYPE, DYNAMICALLY BALANCED.
- SEALING SHOULD BE MECHANICAL SEAL MANUFACTURED ACCORDING TO API 682.
- NON-SPARK COUPLING GOURD.
- VELOCITY : 1500 R.P.M. OR LESS.
- SUCTION STRAINER (STEEL BASKET STRAINER).
- BASE PLATE SHOULD BE (RECTANGULER STEEL SOLE BLATE).
- ALL TECHNICAL SPECIFICATIONS , OPERATING, AND MAINTENANCE MANUAL SHOULD BE IN ENGLISH LANGUAGE THREE HARD COPY.

QTY. :5 (2 FOR R.O. UNIT ,ONE IN DUTY & ONE STANDBY)
(3 FOR DISTILLATION UNITS ,TOW IN DUTY & ONE STANDBY)

OPERATING CONDITIONS:

- LIQUID : WASTE WATER
- PUMP. TEMP. : 60 °C
- VISC. @ P.T. : < 1 mm² /SEC
- SP. GR. @ P.T : 0.8 – 1.0
- CAPACITY RATED : 50 m³ /HR
- DIF. HEAD : 40 m.
- SUMP DEPTH: 3 m

AMBIENT & SITE CONDITION:

- AMBIENT TEMP. (-5 TO 55) °C

ELECTRIC MOTOR :

- THREE PHASE ELECTRIC MOTOR EXPLOSION PROOF EEx d IIC T4.
- VOLT/PHASE/CYCLE : 380/3/50.
- TYPE : INDUCTION TEFC .
- IP : 55.
- INSULATION CLASS: F.
- DUTY : S1.

SPARE PARTS:

| NO. | DISCRIPTION | QTY. |
|-----|-------------------------------|------|
| 1 | MECHANICAL SEAL COMPLETE | 5 |
| 2 | IMPELLER DYNAMICALLY BALANCED | 5 |
| 3 | COMPLETE COLUMN | 5 |
| 4 | SET OF COLUMN BEARINGS | 5 |

MAKER (FOR PUMPS & ELICTRIC MOTOR):

- USA , EUROPEAN , CANADA , INDIA , SOUTH KOREA , AUSTRALIA.

1- MILL CERTIFICATE.

2- CERTIFICATE OF ORIGIN.

3-THIRD PARTY INSPECTION:

- THIRD PARTY INSPECTION CERTIFICATE SHOULD BE FROM ONE OF THESE COMPANIES : , (Lloyd's Register, Bureau Veritas ,Intertek Global ,TUV Rhenland , DNV).
- INSPECTION TYPE :PRE SHIPMENT INSPECTION.

4- Delivery period (180 days).