

Material:

Shaft: A 322 4140

Impeller: A 351 CF8

Case: A 217 WC 4

Impeller wear ring: A276 420)

- 1) Pump shall be manufactured according to (API 610 ) latest edition.  
( except material selection).
- 2) Bearing shall be antifriction ball bearing, ring lubricated type, water cooled with water specification 3 bar 35 C<sup>0</sup>
- 3) Flange pump drains.
- 4) Flexible metastream coupling dynamically balanced between pump and motor
- 5) Non-sparking coupling guard.
- 6) Single mechanical seal according to (API 682) latest edition.(design , material and tests).
- 7) Mechanical seal manufacturer : John Crane, Eagle Burgmann or Flowserve
- 8) The origin shall be (USA-CANADA- AUSTRALIA-JAPAN- EUROPE- INDIA – SOUTH KOREA)
- 9) Fabricated steel base plate it's dim. (1347X533) mm .
- 10) Pump's stages preferred not more than 2 stages.
- 11) Pump's flange (suc. 3" , dis. 1 1/2").
- 12) Standard documentation including operation and Maintenance manuals in English.
  - Three hard copies of document including
  - All inspections & certificates
  - Operation and maintenance manuals
  - Cross section drawing
- 13) Third party inspection by one of the inspectors: (visual inspection)
  - Lloyd's Register
  - Bureau Veritas

- Intertek Global
- TUV Rhenland
- DNV

14) QA inspection and testing including the following but not limited:

- Shop inspection.
- Performance test.
- Material certification for casing, impeller and shaft (mill certificate )
- Liquid penetrate for casing, casing cover & impeller.
- Liquid penetrate for inspection casing and welding.
- Subsurface examination for shaft by ULTRASONIC method.

15) Hydraulic test shall be done.

16) Certificate of origin

17) Delivery period (90 days).

## **Electric motor**

- 1- Electric motor shall be squirrel cage induction TEFC- IP-55 weather protection. Class F insulation B rise. S1 duty work at 55°C ambient temp. and hazardous area zone 1, ExDII CT4 cooling type, 0.9 factors.
- 2- Motor rated power shall be 120% of the driven load max. power.
- 3- Power shall be supplied to motors as following:  
3ph, 380 volt, 50 Hz

- Test certificate including no- load current
- Instruction and maintenance manual , data – sheet
- Dimensions drawing , stator winding drawing
- Following manufacture for electrical motor preferred :  
(Shorch- Germany)(ABB- Finland)(ELIN)(Siemens-Germany)

ADVERTISEMENT

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

REQ.NO.	DESCRIPTION	QTY	ADVERTISEMENT NO.	BID BOND
1617/2017	Strong acidic resin	20000 lit	Once	2400 \$

- 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 developoment for investment &finance , national bank of iraq , iraqi islamic cooperational bank for investment , commercial bank , byblos bank , dijlah & furat bank for developoment & 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: 3 / 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](http://www.oil.gov.iq) - [www.mrc.oil.gov.iq](http://www.mrc.oil.gov.iq)

G. MANAGER

[info@mrc.oil.gov.iq](mailto:info@mrc.oil.gov.iq) البريد الالكتروني لشركة مصافي الوسط  
[purchase@mrc.oil.gov.iq](mailto:purchase@mrc.oil.gov.iq)

# REQ. NO 1617/2017

## Strongly acidic Cation exchange resin specification

**1-princepal uses: standard resin for water demineralization, high capacity, good physical stability,**

**Low tendency. For fouling.**

### 2-Characteristies.

<b>A-functional group</b>	<b>sulfuric acid</b>
<b>B-particle size</b>	<b>0, 3-1,2mm.</b>
<b>C-ionic form</b>	<b>H+ (shipped as Na+)</b>
<b>D-total exchange capacity</b>	<b>1,5-2. 5 eq/l</b>
<b>E-specific gravity</b>	<b>1, 2-1, 3.</b>
<b>F-moisture content</b>	<b>40-55%</b>
<b>G-operating temp.</b>	<b>ambient-200 of</b>
<b>H-operating PH.</b>	<b>0-14</b>

**I-chemical resistance. Unaffected by acids, Alkalies, and common, Solvents.**

**Packing: 25 lits bags on wooden pallets suitable for handing lift**

**3- Origin: USA, west Europe, Japan**

**NOTE: A ONE Kilo sample be submitted in time for complete Laboratory tests .**

**If sample not submitted, the offer will be neglected**

**MSDS: required**

**Delivery time: 120 days**

**QTY : 20000 LIT**

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

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