

ADVERTISEMENT

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

REQ.NO.	DESCRIPTION	QTY	ESTIMATED COST	ADVERTISEMENT NO.
3512/2014	BOOSTING PUMP PROJECT	4 NOS	2000000 \$	ONCE

NOTES :

- 1-The Requisition to be sold In (250,000.00) Iraqi dinars; Un returnable.
- 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 (24) .
- 3-Offered prices should be (CIP) Baghdad / Daura refinery and preferred to be in us dollar. They will be final and un negotiable. (MRC) is not obliged to accept the lowest prices. prices in local currency are not acceptable for foreign requisitions.
- 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) and similar contracts achieved ,issued by Governmental Contracts should be submitted before purchasing the Req. – for The current year or enclosed within the technical offer.
- 8-A Bid Bond of (1%) from the total value of the offer(Commercial offer) should be submitted as (Letter of guarantee , Certified cheque or Bank guarantee) (Original copy) , Issued from :(Trade bank of Iraq ,Iraqi Middle east investment bank , Kurdistan international bank , united bank for investment , gulf commercial bank , credit bank Iraqi , Ashur international bank for investment , al- Huda bank , Islamic cooperation bank for investment , Arbil international bank , Gihan bank for Islamic investment & finance , national Islamic bank] .and released immediately in case the requisition is not awarded. cheques & bank guarantees issued from [Alwarkaa bank – Islamic Bilad bank or Basrah international bank] 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 latter and for certain conditions, which are : a portion of the total amount to be paid, but against bank guarantee. by Iraqi dinar, for Iraqi companies. by bank transfer if requested by any company, considering that they have an account in any accredited Iraqi bank.
- 11- Delay penalty to be applied with total amount, Not exceeding (10%) of the total value of the P/O.
- 12- An Unconditional Performance Bond of (5%) of The Total value of The L/C to be submitted, before signing the P/O and from one of the banks mention in item (8) within (14) fourteen 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 issue of the (L /C) depends, mainly, on submitting this bond. The performance bond should be valid for one month 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 p/o. otherwise, it will be confiscated.
- 13- (2.7%) of the total value of the p/o to be deducted as taxes for Iraqi companies. also, in case the payment is in Iraqi dinar. for non-Iraqi companies, this amount will be retained as taxes and will be released when a tax discharge issued by (the Iraqi state committee of taxes) in favor of the company is submitted within (180) days from the date of receipt of the goods complete and as ordered. otherwise, this amount will be sent to the (tax committee).
- 14- (0.002) off the total value of the p/o to be deducted as stamp charges.
- 15- A sum of (id 205,000.00), to be deducted as cost of import license.
- 16- Origin Certificate & Commercial Invoices should be approved by Iraqi Embassy/Commercial attaché in the country of origin.
- 17- The participant has no right to omit or make any amendment, whatsoever, to any of the paragraphs of the requisition document.
- 18- The Origin of the materials should be specified in the offer and fixed. and will not be changed for any reason.
- 19- Third Party Inspection Certificate Should be provided from one of the following companies : [(B. V.) France – Tuv Rheinland – Baltic control – Cotecna]
- 20- 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- IT IS NECESSARY TO PRESENT AUTHORIZATION LETTER FROM THE MANUFACTURER COMPANIES CERTIFIED FROM MINISTRY OF FOREING AFFAIRS OR EMBASSY OR CONSULATE OR THE COMMERCIAL ATTACHED IN COUNTRY OF ORIGIN
- 22- 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 purchase order, 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.
- 23- The awarded supplier will bear the advertising fees.
- 24- 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) .
- 25- closing date: 7/4/2014, till (1.00) o'clock (afternoon).

note: you can find the conditions of submitting offers on website :
www.oil.gov.iq - www.mrc.oil.gov.iq

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REQ. NO. 3512/2014

MINISTRY OF OIL
Midland Refinery Company

BOOSTING PUMP PROJECT

Scope of supply

- 1- Complete horizontal centrifugal pumps with electric motors and base plate according to chapter 1 Details Qty: 4
- 2- Spare parts for above pumps as chapter 1 paragraph 15 including :
 - a- Complete mechanical seal Qty- 04
 - b- Complete coupling Qty- 01
- 3- Project substation as chapter -2- Details

Supply Condition

- All materials shall be supplied CIP Baghdad- Daura Refinery
- All materials shall inspected by third party inspector which shall be one of the following :

Lioyeds of Britain

Bureau VERITAS of France (BV)

TUV Rheinland Group

ATG advanced technology Group

DNV (Det norske vertas)

Chapter 1

Complete horizontal centrifugal pump with electric motors and base-plates

Qty: 4 Nos.

- 1- Pump shall be manufactured according to API-610 last edition.
- 2- The pump shall be API BB1 horizontal split case double suction impeller
- 3- Pump rpm shall not be more than 1000 RPM
- 4- The difference between NPSHA & NPSHR shall be at least 1 meter.
- 5- The pump shall be design as low suction energy.
- 6- Bearing shall be antifriction type, ring lubricated type, water cooled with inlet water specification of 3 bar g , 35°C if it is required.
- 7- Flange pump drains.
- 8- Flexible metastream dynamically balanced coupling with spacer between pump and motor.
- 9- Mechanical seal manufacturer shall be (John Crane, Burgmann or Flowserve).
- 10- Non sparking coupling guard.
- 11- Single mechanical seal according to API 682.
- 12- Fabricated steel base plate.
- 13- Standard documentation (three original hard copies & one CD format) including installation, operation and maintenance manuals in English language.
- 14- Pump manufacturer shall be USA, West European or Japan.
- 15- Spare parts including
 - a- Complete mechanical seal Qty:4
 - b- Complete coupling Qty: 1

Pump operating condition

Liquid	Crude oil
Discharge pressure	2.5 kg/cm ² g
Capacity	500 m ³ /h
Suction pressure	0 kg/cm ² g
Diff. pressure	2.5 kg/cm ² g
Total head	29.5 m
Pumping temperature	38 °C
Sp. Gr. @ P.T	0.87
Viscosity @ P.T	16 cp
Vapor pressure @ P.T	0.44 kg/cm ² g
NPSH avai.	3 m
Impeller type	Closed
Lubrication type	Oil ring
Material code	C6 Appendix H

Motor

- a- Electrical motor shall be squirrel cage induction TEFC IP 55 weather 25protected, class F insulation B temperature rise, S1 duty work at 55°C ambient temperature and hazardous area zone 1, IC 411 cooling type, 0.9 power factor.
- b- Motor rated power shall be 120% of the driven load rated power.
- c- Electric motor shall be 380V, 3Phase, 50 Hz, Exd IICT4.
- d- Each motor shall be supplied with the following documents:-
 - Test certificate including no-load current
 - Instruction and maintenance manual, data sheet.
 - Dimensions drawing, stator winding drawing.
- e- Each motor shall be provided with local start- stop push button station. This P.B station shall be equipped with ampere meter for motors.
- f- Motor shall be supplied according to our company's vendor list that is:-
 - 1- SCHORCH – Germany
 - 2- SIEMENS- Germany
 - 3- ABB- Finland
 - 4- INSALDO- Italy
 - 5- LOHER- Germany

Chapter 2

Electrical requirements

The bidder shall design and supply the electrical equipment to meet the followings:

- 1- Safety to person.
- 2- Reliability efficient and smooth performance.
- 3- Easy maintenance replacement.
- 4- Performed according to the specification, codes and standards.
- 5- The equipment and installation in-hazardous area shall meet the requirement of the following codes:

Codes and standards

- 1- The equipment materials and design confirm the following codes and standards
 - a- API-TP-500 A,B,C as applicable for classification of hazardous area
 - b- Recommendation and standard issued by the I.E.C regulation.
 - c- Standards of the country of origin when no I.E.C standards exist and in this case vender shall state in English to compare it with I.E.C.

Documents to be prepared for approval shall include the following at least:

- 1- Single line diagram(s) for power circuit.
- 2- Single line diagram(s) with metering, relays, interlocks and indications.

Project substation

1- M.V switchgear.

- a- Indoor metal-enclosed switchgear designed for M.V substation.
The switching devices are of the metal clad with drawable type, floor mounting, dead-front structure grouped together for centralized control structure shall include the necessary comments for protection of motors and transformer
- b- Both ends of the switchgear shall be suitable for future extension.
- c- M.V 3.3 kv circuit breakers for the incoming feeder and transformer feeder their design are using SF6 are interruption technique or vacuum.
The panel should be supplied with metering devices and effective full protection.
All indications and control devices are front mounted.

The M.V switchgear should be supplied with the following specifications:

- 1- Switching gear rating at 55° C amb.
- 2- Operating voltage 3300 V
- 3- Rated voltage 7200 V (minimum)
- 4- Rated S.C for 3 sec 31.5 KA (minimum)
- 5- Bus bar to be insulated & silver plated for all contact area.
- 6- Space heater thermostatically controlled to be provided for cable box and C.B compartment.
- 7- Earth switch provided and interlocked with C.B
- 8- Control voltage 110 VDC

L.V board confers of the following specifications

1- one incomer switch gear.

- a- The switch gear rating at 55 °C amb.
- b- Operating voltage 400V.
- c- Rated voltage 1000V
- d- Short circuit for 1 sec 80 KA
- e- Bus bar to be insulated and silver plated for all contact area
- f- Control voltage 220VAC line neutral

2- Motor starters with the following specification:

- a- MMC contains the motor starters of with drawable type.

Power and control cables all starters star-delta and provided with:-

- 1- High breaking capacity MCCB for short circuit protection.
- 2- Magnetic air break contractor
- 3- Over load relay
- 4- Ammeter as well as C.T for local and remote Ammeter.
- 5- Start, stop, reset B.P'S. with remote start-stop facility.
- 6- Indication lamps for ON-OFF trip.
- b- The layout of motor starters in the MCC'S is to give a flexible operation.
- c- Control voltage shall be 220 V , 50 Hz.

The motor starters should with the following specifications:-

- 1- Switch gear rating at 55° C amb.
- 2- Operating voltage 400V.
- 3- Rated voltage 1000V
- 4- Short circuit for 1 sec 80 KA
- 5- Bus bar to be insulated and silver plated for all contact area.

3- Outgoing feeder with moulded case C.B following:-

- 1- 380V, 400 Amps. No.1
- 2- 380V, 250 Amps. No.1
- 3- 380V, 150 Amps. No.2
- 4- 380V, 100 Amps. No.1

V-battery charger

battery charger with NI-CD battery should be supplied 2 hours back up time.

Note all incoming feeders for M.V and L.V supplied with analog voltmeter and ammeter. And all outgoing feeders for M.V and L.V supplied with analog ampere meter.

Power transformers

3.3KV/400-231 V, 3Phase, 50 Hz, 1MVA oil filled naturally cooled, outdoor type:-

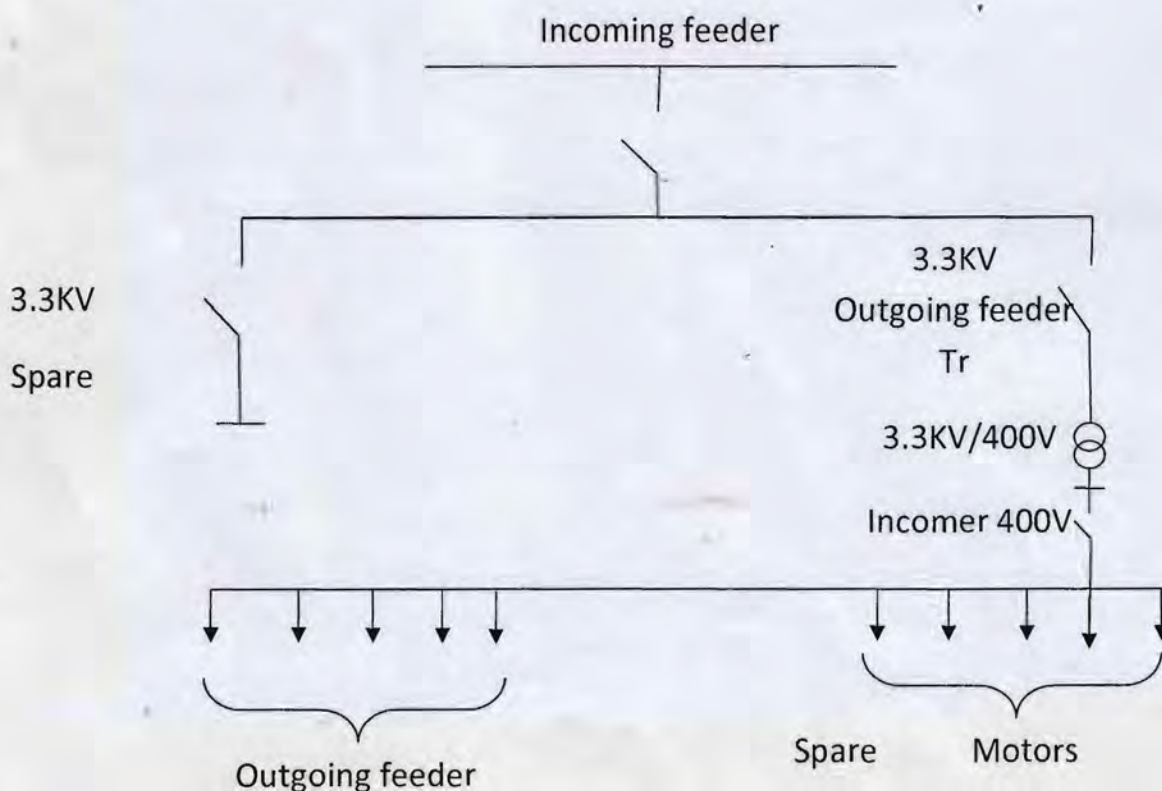
- a- cable box for HV/LV IP55
- b- Transformer with offload tap changer the tap +5% in step of 2.5%
- c- Transformer size shall be based on 55°C
- d- The transformers shall have the following fittings:
 - 1- Conservator.
 - 2- Bucholes relay with alarm and trip contacts.
 - 3- Dial thermometer with alarm and trip contacts.
 - 4- Bi-directional roller.

Motor

- a- TEFC, squirrel cage induction motors , with degree of protection IP55 , class F insulation class B temperature rise, S1 duty work at 55°C ambient temperature hazardous area zone1 , IC 411 cooling type 0,9 power factor
- b- Motor rated power shall be 120% absorbed load rated.
- c- Explosion proof motors ExDII CT4 shall be used.
- d- Power should be supplied to the all motors as follows 380V, 3phase , 50 Hz, work by star-delta starters.
- e- All motor shall be designed for 55 C ambient temperature.
- f- Motor should be according to IEC standard.

Electrical vendor list:

- 1- H.V switchgear Siemens Europe or Turkey.
- 2- L.V panel (Siemens , ABB, Schnider) west Europe
- 3- Battery charger (Saft, Borry, Emerson)



Origin:- West Europe, USA, Japan, South Korea

Certificate of Origin

Third Party Inspection Certificate