

ADVERTISEMENT

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

REQ.NO.	DESCRIPTION	QTY	ESTIMATED COST	ADVERTISEMENT NO.
3515/2014	OIL SKIMMER COMPLETE UNIT	4 NOS	2500000\$	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. 3515/2014

Ministry Of Oil

MRC

OIL SKIMMER

INTRUCTION

MIDLAND REFINERY CO. (DAURA REFINARY) INTEND TO PURCHASE 4 OIL SKIMMER COMPLETE UNITS.

-THE NEW OIL SKIMMER UNITS TO REPLACE AN OLD ONE INSTALLED IN DAURA REFINARY.

-BIDDERS ARE REQUESTED TO OFFER BREAK DOWN PRICES FOR THE SCOPE OF:

- 1. ENGINEERING AND DOCUMENT.**
- 2. PROCUREMENT AND SUPPLY OF EQUIPMENT AND MATERIAL.**
- 3. SUPERVISION FOR CONSTRUCTION (EXCEPT CIVIL WORK).**

-EQUIPMENT INCLUDED IN THE SCOPE OF SUPPLY TO BE QUOTED ON THE BASIS OF UNIT PRICE FOR MAIN EQUIPMENT.

-THE BIDDER SHALL SUBMIT THREE COPIES OF THE OFFER AND ONE COPY OF COMMERCIAL OFFER.

-ALL EQUIPMENT SHOULD BE (CIP BAGHDAD-DAURA REFINARY SITE).

ARTICLE (1)

1.1 SCOPE OF SUPPLY

THE PROPOSAL SHALL INCLUDED:

1.1.1 FOUR OIL SKIMMER UNITS COMPLETE.

1.1.2 FOUR DISCOIL UNITS COMPLETE .

1.1.3 FOUR CENTRIFUGAL VERTICAL PUMPS.

1.1.4 SPARE PARTS FOR TOW YEARS.

**1.1.5 TWO DISCOIL UNITS PORTABLE FOR EMERGENCY
WITH HOSE PIPE NO LESS THAN 50 METER.**

**1.1.6 ALL ACCESSORIES AND AUXILIARIES SUCH AS LADDER
AND PLAT FORM AND ANY PARTS OR EQUIPMENT USED FOR
INSTALLATION**

1.1.7 INSTALLATION & OPERATION .

1.1.8 TRAINING.

1.1.9 SUPERVISION.

ARTICLE (2)

2.1 OPERATION CONDITION

2.1.1 DISC OIL SPECIFICATION

MANUFACTURER : GENERAL
SERVICE : OIL REMOVAL
HANDLED FLUID : OIL WASTE WATER
TYPE : FLOATING DISC OIL
OPERATION : CONTINUOUS

2.1.2 DESIGN DATA

DESIGN FLOW RATE : NORMAL 1000 cu.m/hr
DESIGN 850 cu.m/hr
DURING STORM 1450 cu.m/hr

INLET OIL CONTENT : NORMAL
DESIGN 50000 ppm

INLET SUSPENDED SOLIDS : NORMAL
DESIGN 1500 ppm

WATER TEMPERATURE : 30°C
OIL SPECIFIC GRAVITY : 0.92
(AT OP.TEMPERATURE)
PH WATER : 5-9
OUTLET OIL CONTENT : MAX 100 ppm

2.1.3 OIL SKIMMER SPECIFICATIONS

QUANTITY..... 4 FOUR ONLY
SKIMMER TYPE..... FLOATING DISK SKIMMER
RECOVERY RATE.....UP TO 120 m³ /hr
MATERIALSALUMINIUM FRAME
SKIMMER MAX. DIMENSIONS....2500×2500×1000 mm
(L×W×H)
DISC SET4 BANKS EACH INDIVIDUALLY OPERATED
DISC MATERIAL.....STAINLESS STEEL

2.1.4 POWER PACK

HYDRAULIC POWER UNIT MUST BE ACCORDING TO ISO STANDARDS,
ELECTRICALLY POWERED (380 v,50 Hz,3 ph)

2.1.5 TRANSFER PUMP

TRANSFER PUMP MUST BE ACCORDING TO API STANDARDS.
HEAD.....5 BAR MIN

2.1.6 LADDER & PLAT FORM

LADDER & PLAT FORM SHOULD BE SUPPLY IN SCOPE OF SUPPLY &
ALL MATERIALS SHOULD BE RESESTANCE FROM WHAT THE FLUIDS
HANDEL.

2.2 CODES & STANDARDS

2.2.1 MACHINERY

API-610 CENTRIFUGAL PUMPS LATEST EDITION.

API-675 POSITIVE DISPLACEMENT PUMP LATEST EDITION.

**API-671 COUPLING & COUPLING MOUNTING GEAR BOXES
LATEST EDITION.**

API-614 OIL LUBRICATOR.

2.2.2 PIPING

ANSI B31-3 , ASME SEC.1

2.2.3 SAFETY

API 520, API 521, ASME CODE SECTION 18 V 111

2.2.4 FLANGES

FLANGES ACCORDING TO WITH ANSI (B 16.5)

2.2.5 ELECTRICITY

ELECTRICITY IEC

2.2.6 INSTRUMENT

UL , ANSI B2 , 16-5 , NEC

2.2.7 THE FOLLOWING CODES & STANDARDS APPLICABLE

**MATERIAL.....ASTM WITH CONFORMANCE TO ASME
REQUIREMENTS**

PIPINGASME , ANSI

WELDING.....ASME , AWS

2.3 BASIC DATA

2.3.1 SITE CONDITION

LOCATION : DAURA REFINERY -IRAQ

ELEVATION : 40 mt. ABOVE SEA LEVEL

**TEMPERATURE : DESIGN MAX. +55 °C
DESIGN MIN. 0 °C**

HUMIDITY : MAX. 90% MIN. 10% U.R

**RAINFALL : AVERAGE 1.3 mm/day
MAX. 6.3 mm/day**

WIND : DESIGN VELOCITY 160 km/hr

SNOW FALL : NOT CONSIDERED

EARTHQUAKE : NOT CONSIDERED

ARTICLE (3)

3.1 VERTICAL PUMPS

QTY / (4 NO.)

SPECIFICATION:

Q= 50 M³/Hr

H= 60 M

COMPLETE HORIZONTAL CENTRIFUGAL VERTICAL PUMP WITH ELECTRIC MOTOR AND BASE PLATE .

SCOPE OF SUPPLY FOR EACH UNIT:

- 1. PUMPS SHOULD BE ACCORDING TO API 610 LAST EDITIONS.**
- 2. BASE PLATE SHOULD BE FABRICATED STEEL.**
- 3. SINGLE MECHANICAL SEAL ACCORDING TO API 682.**
- 4. FLANGED PUMP DRAINS.**
- 5. COUPLING BETWEEN PUMP AND MOTOR SHOULD BE FLEXIBLE TYPE WITH SPACER.**
- 6. NON - SPARKING COUPLING GUARD.**
- 7. MATERIAL SHOULD BE ACCORDING TO (API 610) table H CLASS (C-6).**
- 8. EACH PUMP SHOULD BE INCLUDED (STRAINER, CHECK VALVE AND DISCHARGE GATE VALVE).**
- 9. THE PUMPS SHOULD BE FROM ONE OF THE FOLLOWING MANUFACTURER (UNION , GOULDS , KSB , RUHR PUMPEN , SULZER , CERPELLI , WEIR , GABONITA) , SO OFFERS FROM OTHER MANUFACTURES SHOULD BE NEGLECTED.**
- 10. SPARE PARTS FOR TWO YEARS SHOULD BE INCLUDED.**
- 11. PUMPS MANUFACTURER SHOULD BE OF (USA - WEST EUROPEAN - JAPAN), THE GOODS SHOULD BE OF MOTHER COMPANY.**

ARTICLE (4)

4.1 INSTRUMENTATION AND CONTROL

4.1.1 INSTRUMENT REQUIRMENT

*** STANDARD & CODES**

THE FOLLOWING STANDARDS AND CODES TO EQUIVALENT SHALL CONSTITUTE A GUIDE WHERE APPLICABLE IN THE SECTION, DESIGN AND INSTALLATION INSTRUMENTATION:-

- A. THE INSTRUMENT SOCIETY OF AMERICA (ISA)**
- B. AMERICAN PETROLEUM INSTITUTE (API) RP550**
- C. UNDERWRITER LABORATORIES (UL).**
- D. AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) B2.1 ,16.5**
- E. NATIONAL ELECTRIC CODE (NEC).**

***GENERAL DESIGN**

**BASIC DESIGN:
INSTRUMENTS AND ASSOCIATED EQUIPMENT SHALL BE
DESIGNED AND INSTALLED TO MEET THE FOLLOWING
REQUIREMENTS:**

- MAXIMUM ACCURACY OF MEASUREMENT AND CONTROL**
- FULL SAFETY**
- EFFICIENT PROTECTION AGAINST ABUSE DUE TO
CHEMICAL OR PHYSICAL FORCE AND WEATHER
CONDITIONS**
- ALL PROCESS VARIABLES EFFECTING OPERATION OF THE
PLANT ARE UNDER AUTOMATIC CONTROL THROUGH
INSTRUMENTS IN THE MAIN CONTROL ROOM**
- ALL ELECTRICAL INSTRUMENTS AND APPARATUS SHALL
BE INSTALLED IN THE EXPLOSION PROOF AREA TO BE OF
THAT TYPE AS PER CODES STATED ABOVE.**

- ALARM & SIGNAL SYSTEM SHALL BE PROVIDED FOR ALL VARIABLES AND SHALL BE CONSIDERED THOSE AUDIBLE AND VISIBLE REQUIRED FOR WARNING OPERATING PERSONAL OF HE NEED TO TAKE CORRECTIVE PROCESS ACTION TO BE ADVISED ON CONDITION.
- INSTRUMENTS SHALL BE PROTECTED FROM ADVERSE CONDITIONS BY PROTECTED SUNSHADE , SEALING ,HOUSING ,INSULATING AND PURGING IF NECESSARY
- AT AN EMERGENCY FAILURE OF THE INSTRUMENTATION AIR OR POWER, THE PLANT SHALL BE AUTOMATICALLY SHIFTED IN A SAFE CONDITION.

***ACCESSIBILITY OF INSTRUMENTS**

- ALL INSTRUMENTS SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR HANDING ADJUSTMENTS AND MAINTENANCE.
- ENGINEERING UNITS SHALL BE IN ACCORDANCE TO THE METRIC SYSTEM

***TRANSMISSION SYSTEM:-**

- ALL TRANSMITTERS ARE ELECTRONIC TWO WIRE TRANSMITTERS SHALL BE USED WITH A SIGNAL AT
- (4 -20) MA DC WITH REMOTE DIAPHRAGM SEALS FOR CORROSIVE VISCOUS OR CONDENSING SERVICES IF NEED IT. WITH HART COMMUNICATOR TO ZERO CALIBRATION THE TRANSMITTERS.
- ELECTRONIC TWO WIRE TRANSMITTERS SHALL BE EQUIPPED WITH SUN SHADE FOR PROTECTION AGAINST DIRECT SUNLIGHT AND RAIN
- ELECTRONIC TRANSMITTERS SHALL BE USED FOR LEVEL, PRESSURE, FLOW,
- TEMPERATURE, TURBIDITY ...ETC., WITH LOCAL INDICATOR (LINEAR SCALE) AND SHALL BE INTRINSIC SAFETY TO BE USED ACCORDING TO BASE FA AND PIB
- WEATHER PROOF SHALL BE USED FOR FIELD

INSTRUMENTS

- **COPPER TUBING OF 1/4 INCH OD FOR INSTRUMENT AIR SIGNAL AND SUPPLY WITH PVC COVERING TO BE USED ONLY.**
- **ARMORED AND SHIELDED CABLES SUPPORTED ON TRAYS FOR ELECTRONIC TRANSMITTERS AND SOLENOID VALVES SHALL BE USED.**
- **INSTRUMENT CIRCUITS SHALL BE GROUNDED TO REDUCE THE EFFECT OF ELECTRICAL INTERFERENCE.**
- **THERMOCOUPLE EXTENSION CABLES SHALL BE ARMORED AND SHIELDED.**

***CONTROL VALVES.**

THE CONTROL VALVES SHALL BE SUPPLIED WITH FLANGE RATING 150# R.F. PROVIDED WITH POSITIONAL AND I/P CONVERTERS (4 -20) MA DC MADE AND SHALL BE SUPPLIED WITH ISOLATING AND BY PASS VALVE.

***ON-OFF VALVES**

THE ON-OFF VALVES SHALL BE SUPPLIED WITH FLANGE RATING 150# R.F. PROVIDED WITH LIMIT SWITCH TO INDICATE THE STATUS OF THE VALVES AND SHALL BE SUPPLIED WITH ISOLATING AND BY PASS VALVE.

***SOLENOID VALVES**

THE SOLENOID VALVES SHALL BE INDIVIDUAL AND SUPPLIED WITH 24VDC.

4.1.2 VENDER LIST

Instrument

- ALL ELECTRONIC TRANSMITTERS TO BE SUPPLIED FROM
- YOKOGAWA, ROSEMOUNT, HONEYWELL, FOXBORO, E&H
- ON-OFF VALVES TO BE SUPPLIED FROM STAR LINE (ITALY),
SAMSON (GERMANY) AND DRESSER MASONEILAN (USA)
- CONTROL VALVE TO BE SUPPLIED FROM FISHER,
MASONELIAN
- SOLENOID VALVE TO BE SUPPLIED FROM ASCO, PARKER,
MORTON AIR
- PRESSURE & TEMPERATURE SWITCHES TO BE SUPPLIED
FROM DELTA, UE, CELLA
- PRESSURE GAUGES & DIAL THERMETER , TO BE SUPPLIED
FROM BUDENBERG, WIKA NUOVA FIMA , RUEGER ,
ROTOTHERM, BERGER, , BADTHERM, , ASHCRAFT
- HAND SWITCHES TO BE SUPPLIED FROM MAGNITROL ,
MERCROID , BESTOBALL
- LEVEL SWITCHES FROM MAGNITROL
- GLASS GAUGE FROM KLINGER , TECHNOMATIC

ARTICLE (5)

TRAINING

THE TRAINING TO BE PROVIDED BY THE CONTRACTORS SHOULD BE FOLLOWING CLASSES OF PERSONAL:-

- 1. BASIC ENGINEERING APPROVAL FOR FORTY MAN /DAYS AT CONTRACTORS OFFICE.**
- 2. SPECIFIC TRAINING CONDITIONS:
THE SPECIFIC TRAINING SHOULD TAKE PLACE WITH THE FOLLOWING SPECALSSATION IN MIND;OIL SKIMMER OPERATION AND MAINTENENACE PERSONAL AND SHOULD HAVE DURATION OF 40 MAN/DAYS, TRAVELING DAYS INCLUDING ALL EXPENSES OF (TRAVEL ACCOMMODATION, TICKETS, HOTEL . . E.I).**
- 3. SPECIFIC TRAINING IN SITE SHOULD BE SUBMITTED DURATION THE START UP OPERATION BY THE SUPERVISIOR.**

DOCUMENTS:

THREE HARD COPIES OF DOCUMENTS & SOFTWARE INCLUDING:

- ALL INSPECTION OF CERTIFICATES.**
- OPERATION & MAINTENANCE MANUALS.**
- CROSS SECTION DRAWING.**
- MAIN PROCEDURE OF ASSEMBLY & DISASSAMBLY.**
- SPARE PARTS LIST WITH MANUFACTURER CODE OR PART NO. FOR EACH ITEM.**

Vender list: USA, West Europe, Japan, Canada, Australia