

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

SER.	REQ. NO.	DESCRIPTION	QTY.	Estimated cost
3	1132 / 2014	Valve & Fitting	96 items	1 250 000\$

NOTES :

- 1-THE REQUISITION TO BE SOLD In (250,000.00) IRAQI DINARS; UNRETURNABLE.
- 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 10o'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 WILBE FINAL AND UNNEGOTIABLE. (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. OFFERES SENT BY E – MAIL WILL BE NEGLECTED.
- 5- THE VALIDITY OF THE BID BOND AND THE OFFER SHOULD BE MENTIONED WITHIN BOTH OFFERSAND 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 CONTRACTSSHOULD BE SUBMITTED BEFORE PURCHASING THE REQ. - FOR THE current year OR ENCLOSED WITHIN THETECHNICAL OFFER.
- 8-AN UNCONDITIONAL PERFORMANCE BOND OF (5%) OF THE TOTAL VALUE OF THE L/C TO BE SUBMITTED, BEFORE SIGNING THE P/O AND 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.
- 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%) AFTERTHE 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-A BIDBOND 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 , ARPIL INTERNATIONAL BANK , CIHAN 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 BIDBOND SHOULD BE VALID FOR NOT LESS THAN (120) DAYS.
- 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 FAVOUR 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 LICENCE.
- 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 OFFICIALLYEMPOWERED VIA POWER OF ATTORNY. OTHERWISE THE OFFER WILL BE NEGLECTED.
- 21- 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.
- 22- THE AWARDED SUPPLIER WILL BEAR THE ADVERTISING FEES.
- 23- 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. GOVERMENTAL DEBTS COLLECTION LAW (NO. : 56), FOR THE YEAR 1977 SHALL BE APPLIED ON AMOUNTS OWED TO (MRC) .

24- CLOSING DATE: 2 / 4 / 2014, TILL (1.00) O'CLOCK (AFTERNOON).

NOTE: YOU CAN FIND THE CONDITIONS OF SUBMITTING OFFERS ON WEBSITE :

www.oil.gov.iqOR www.mrc.oil.gov.iq

SAAD NOORI MOHAMMED
DIRECTOR GENERAL

Midland Refineries Co. E-mail :

purchase@mrc.oil.gov.iq

daurafax@mrc.oil.gov.iq

البريد الإلكتروني لشركة مصافي الوسط

REQ.NO. 1132/2014

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				VALVE & FITTING
				HORIZONTAL CHECK VALVE TYPE (BALL OR PISTON OR SWING) RATING # 200 OR 300 LBS (FORGED OR CAST – BRONZE) THE BODY MATERIAL TO ASTM (B61) INTERNAL PARTS TO ASTM (B 462) UNION CAP FEMALE SCREWED ENDS TO ANSI (B 1.20.1)
1.	2	NOS	801034/054.2	2"
				GATE VALVE RATING 800 LBS FORGED CARBON STEEL CONFORMING TO ASTM A 105 TRIM 13% CHROME OUTSIDE SCREW & YOKY BOLTED BONNET RISING STEM SOCKET WELDING ENDS ACCORDING TO ASME B 16.11
2.	100	NOS	801804/114.2	2"
				VALVE FLANGED WEDGE GATE (R.F) , RATING #150 LBS, DESIGN TO APL (600),FACE TO FACE DIMENSION TO ASME/ANSI (B16.10), END TO END DIMENSION TO ANSI (B16.10), END FLANGE DIMENSION FROM (2" TO 24") TO ANSI (B16.5) & FOR SIZE FROM (26" TO 36") TO (MSS-SP44), TEST PRESSURE TO API (598),MATERIAL OF BODY IS CAST CARBON STEEL TO ASTM (A-216 GR WCB),OUTSIDE SCREWED AND YOKE , BOLTED BONNET ,RISING STEM TRIM (11.1/2"-13% CHR) ,FLANGED DRILLED TO ANSI B (16.5).
3.	20	NOS	801810/203.2	1"
4.	400	NOS	/212.2	6"
				VALVE FLANGED WEDGE GATE (R.F) , RATING #300 LBS, DESIGN TO APL (600),FACE TO FACE DIMENSION TO ASME/ANSI (B16.10), END TO END DIMENSION TO ANSI (B16.10), END FLANGE DIMENSION FROM (2" TO 24") TO ANSI (B16.5) & FOR SIZE FROM (26" TO 36") TO (MSS-SP44), TEST PRESSURE TO API (598),MATERIAL OF BODY IS CAST CARBON STEEL TO ASTM (A-216 GR WCB),OUTSIDE SCREWED AND YOKE , BOLTED BONNET ,RISING STEM TRIM (11.1/2"-13% CHR) ,FLANGED DRILLED TO ANSI B (16.5).
5.	80	NOS	262.2	6"
6.	2	NOS	/283.2	28"
				BALL VALVE RATING 150 LBS FORGED CARBON STEEL CONFORMING TO ASTM A105 TRIM 13% CHROME FLANGED ENDS RF ACCORDING TO ASME B 16.5
7.	3	NOS	801811/205.2	1.1/2"
				VALVE GLOBE SCREWED 800 LBS FORGED STEEL BODY TO A.S.T.M A- 105 GR 11 OUTSIDE SCREW AND YOKE BOLTED BONNET, RISING STEM TRIM 11.1/2"- 13% CHR SCREWED ENDS TO CONFORM TO API THREAD (CRANE NO3644X OR EQUAL)
8.	100	NOS	801824/109.2	1/2"
9.	60	NOS	/111.2	SIZE 1"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				GLOBE VALVE RATING (600-800 LBS) FORGED CARBON STEEL CONFORMING TO ASTM A- 105 TRIM 13% CHROME OUTSIDE SCREWED AND YOKE BOLTED BONNET, RISING STEM SOCKET WELD ENDS ACCORDING TO ASME (B-16.11)
10.	10	NOS	801826/109.2	1/2"
11.	20	NOS	/110.2	3/4 "
12.	12	NOS	/113.2	1.1/2"
				VALVE FLANGED SWING CHECK 150 LBS R.F CAST CARBON STEEL BODY TO ASTM A-216 GRADE WCB BOLTED CAP TRIM 11.1/2 - 13% CHR FLANGE DRILLED TO A.S.A.B -16-5 (CRANE NO . 147 X OR EQUAL)
13.	29	NOS	801839/210.2	4"
				VALVE FLANGED SWING CHECK 300 LBS .R.T.J CAST CARBON STEEL BODY TO ASTM A-216 GRADE WCB BOLTED CAP TRIM 11.1/2-13% CHR FLANGED DRILLED TO A.S.A.B -16-5
14.	6	NOS	801839/381.2	SIZE 2"
				AUDCO LUBRICATED TAPER PLUG VALVE MATERIAL CAST CARBON STEEL TO ASTM (A-216 GR WCB) RATING (# 600 LBS R.T.J) TYPE (HYPER SEAL OR REGULAR PATTERN OR STANDARD) THE ENDS IS FLANGE (R.T.J) TO ANSI (B 16.5) COMPLETE WITH WRENCH OR GEAR OPERATED)
15.	4	NOS	801843/506.2	2"
				VALVE FLANGED WEDGED GATE # 300 LBS LARGE MALE THE HEIGHT RAISED FACE (R.F) OF LARGE MALE (R.F) = 1/4" ACCORDING TO FLANGE FACING TO ASME /ANSI (B16.5) MATERIAL CAST CARBON STEEL BODY TO ASTM.A216 GRDE WCB OUTSIDE SCREW & YOKE BOLTED BONNET RISING STEM TRIM 11.1/2-13% CHR. FLANGED DRILLED TO ANSI (B16.5)
16.	4	NOS	801854/262.2	SIZE 6"
				CAST CARBON STEEL
17.	4	NOS	801899/052.2	6" 3- WAY L- PORT PLUG VALVE 150 LBS REGULAR PATTERN GEARS OPERATED BODY CARBON STEEL TO ASTM A-216 WCB TRIM 13% CR FLANGED ENDS R.F TO ASME B 16.5
				SINGLE – PLATE WAFER – TYPE CHECK VALVE SHORT PATTERN MATERIAL CAST CARBON STEEL . ACCORDING TO ASTM A 216 GR WCB TRIM (11-13 % CR) CLASS # 300 LBS DESIGN & MANUFACTURED CONFORMING TO API 6D FACE TO FACE DIMENSION CONFORMING TO (API 6D) FLANGE DIMENSION CONFORMING TO ANSI (B 16.5) PRESSURE & TEMPERATURE CONFORMING TO ANSI (B 16.34) TESTED & INSPECTION ACCORDING TO API 598
18.	20	NOS	801901/258.2	3 "

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				VALVE GATE 300 LBS ASA .STD FLANGED ,BOLTED BONNET, CAST CARBON STEEL FOR LOW –TEMP .SERVICE TO ASTM A-352GRADE LCB .F10 TRIM RISING STEM OUTSIDE SCREW & YOKE ,FLANGES 1/16 R.F FACED AND DRILLED TO ASA .B.16.5
19.	4	NOS	802010/260.2	SIZE 4"
				GLOBE VALVE 800 LBS SCREWED TO API STANDARD , THREAD BOLTED BONNET (OR UNION BONNET) O.S.&Y BODY ALLOY STEEL (5%CHR.&½%MOLY) CONFORMING TO ASTM A-182 GR.F5 TRIM,13% CHR (S.S) (CRANE NO. 3644 OR EQUAL)
20.	3	NOS	802524/113.2	SIZE 1.½"
				GLOBE VALVE FLANGED 600 LBS R.F BOLTED BONNET O.S.&Y BODY CAST ALLOY STEEL (5%CHR.&1/2%MO) CONFORMING TO ASTM A-217 GR.C5 TRIM,11 13% CHR STAINLESS STEEL FLANGES FACED & DRILLED TO ASA STANDARD (CRANE NO. 171X OR EQUAL)
21.	3	NOS	802530/310.2	SIZE 4"
				CHECK VALVE SWING FLANGED 300 LBS R.F BOLTED CAP BODY CAST ALLOY STEEL (5% CHR & 1/2% MO) CONFORMING TO ASTM A-217 GR C5 TRIM 11 1/2% -13% CHR STAINLESS STEEL FLANGES & DRILLED TO ASA STANDARD (CRANE NO. 159 XOR EQUAL)
22.	4	NOS	802539/260.2	SIZE 4"
				GATE VALVE RATING 800 LBS STAINLESS STEEL (18% CHR 8% NI)CONFORMING TO ASTM A182 TYPE F 316 OUTSIDE SCREW & YOKE BOLTED BONNET RISING STEM SCREWED ENDS ACCORDING TO ASME B 1.20.1
23.	4	NOS	802801/111.2	SIZE 1"
				GATE VALVE SCREWED API 1500 LBS. BOLTED BONNET BODY 18/8 S/STEEL RISING STEM O.S.& Y MATERIAL STAINLESS STEEL TO ASTM A. 182 TYPE F316 (CRANE NO. 9963 OR EQUAL)
24.	1	NOS	/139.2	SIZE ½"
				BALL VALVE MATERIAL CAST STAINLESS – STEEL TO ASTM (A351 CF8M) (BALL & STEM IS ST- STEEL TYPE 316), (SEAT IS PTFE) RATING (# 800 LBS) ,THE ENDS IS FEMALE SOCKET WELD TO ANSI (B 16.11), WITH WERNCH DESIGN TO ASME (B 16.34) FACE TO FACE DIMENSION TO ASME (B 16.10) PRESSURE TEST TO API (598)
25.	1	NOS	802805/209.2	½"
				GATE VALVE RATING (300 LBS) FORGED BODY CONFORMING TO ASTM (A-182 F 316) MATERIAL TYPE (316) DISC STEM TRIM S,STEEL (18-8) SOCKET WELD (S.W) TO ANSI (B 16.11)
26.	1	NOS	802806/254.2	1.½"
				GATE VALVE RATING (800 LBS) FORGED BODY CONFORMING TO ASTM (A-182 F 316) MATERIAL TYPE (316) DISC STEM TRIM S.STEEL (18-8) SOCKET WELD (S.W) TO ANSI (B 16.11)
27.	4	NOS	430.2	1.½"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				ALLOY STEEL (28% NI + 20% CHR + 3% MOLY) ALLOY STEEL VALVE HIGH ACID RESISTING ALLOY STEEL FLANGE GATE VALVE # 150 LBS (R.F) BOLTED BONNET RISING STEM O.S.&Y FLANGES DRILLED TO A.S.A.B16.5 MATERIALS OF HIGH ACIDE RESISTING ALLOY STEEL (MIN 28% + 20% CHR 3%MO) NOMINAL BORE FACE TO FACE DIMENSION
28.	1	NOS	803010/201.2	1/2" 3.5/8"
29.	6	NOS	208.2	3" 8"
				GLOBE VALVE R.F FLANGED RATING #300 LBS MATERIAL OF BODY & TRIM ALLOY STEEL HIGH ACID RESISTING (MIN 28% NI 20% CHR 3% MO) O.S& Y BOLTED BONNET RISING STEM FLANGE ENDS TO ANSI (B 16.5) OPERATED BY HAND WHEEL
30.	1	NOS	803030/258.2	3" 12.1/2"
				MECHANICAL BALL FLOAT STEAM TRAP CARBON STEEL
				MECHANICAL BALL FLOAT & THERMOSTATIC STEAM TRAP THE FLOAT & THERMOSTATIC ELEMENT THAT WORK TOGETHER TO REMOVE BOTH CONDENSATE & AIR FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° SCREWED CONNECTION TO ANSI (B 1.20.1)
31.	30	NOS	803501/111.2	1"
32.	30	NOS	113.2	1.1/2"
33.	30	NOS	114.2	2"
				MECHANICAL BALL FLOAT & THERMOSTATIC STEAM TRAP THE FLOAT & THERMOSTATIC ELEMENT THAT WORK TOGETHER TO REMOVE BOTH CONDENSATE & AIR FROM STEAM SYSTEM MATERIAL OF BODY (CARBON-STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) =(350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING # 150 PSIG
34.	30	NOS	803510/201.2	1/2"
35.	30	NOS	202.2	3/4"
36.	30	NOS	203.2	1"
37.	30	NOS	205.2	1.1/2"
38.	30	NOS	206.2	2"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				MECHANICAL BALL FLOAT & THERMOSTATIC STEAM TRAP THE FLOAT & THERMOSTATIC ELEMENT THAT WORK TOGETHER TO REMOVE BOTH CONDENSATE & AIR FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH (LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING # 300 PSIG
39.	30	NOS	803510/251.2	1/2"
40.	30	NOS	252.2	3/4"
41.	30	NOS	253.2	1"
42.	30	NOS	255.2	1 1/2"
43.	30	NOS	256.2	2"
				MECHANICAL INVERTED BUCKET STEAM TRAP HORIZONTAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS- STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° SCREWED CONNECTION TO ANSI (B 1.20.1)
44.	30	NOS	803601/109.2	1/2"
45.	30	NOS	110.2	3/4"
46.	30	NOS	111.2	1"
47.	30	NOS	113.2	1 1/2"
48.	30	NOS	114.2	2"
				MECHANICAL INVERTED BUCKET STEAM TRAP HORIZONTAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS- STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING #150 PSIG
49.	30	NOS	803610/201.2	1/2"
50.	30	NOS	202.2	3/4"
51.	30	NOS	203.2	1"
52.	30	NOS	205.2	1 1/2"
53.	30	NOS	206.2	2"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				MECHANICAL INVERTED BUCKET STEAM TRAP HORIZONTAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS- STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING #300 PSIG
54.	30	NOS	803610/251.2	½"
55.	30	NOS	253.2	1"
56.	30	NOS	255.2	1.½"
57.	30	NOS	256.2	2"
				MECHANICAL INVERTED BUCKET STEAM TRAP VERTICAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° SCREWED CONNECTION TO ANSI (B1.20.1)
58.	32	NOS	803701/109.2	½"
59.	30	NOS	110.2	¾"
60.	30	NOS	111.2	1"
61.	30	NOS	113.2	1.½"
62.	30	NOS	114.2	2"
				MECHANICAL INVERTED BUCKET STEAM TRAP VERTICAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING #150 PSIG
63.	30	NOS	803710/201.2	½"
64.	30	NOS	202.2	¾"
65.	30	NOS	203.2	1"
66.	30	NOS	205.2	1.½"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
67.	30	NOS	803710/206.2	2"
				MECHANICAL INVERTED BUCKET STEAM TRAP VERTICAL INSTALLATION HIGH RESISTANCE TO (WEAR , CORROSION , WATER HAMMER) VENT IN BUCKET TO PROVIDE CONTINUOUS AUTOMATIC (AIR) & (CO2) VENTING ALSO CAN VENT CONDENSATE FROM STEAM SYSTEM MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING #300 PSIG
68.	30	NOS	803710/252.2	¾"
69.	30	NOS	253.2	1"
70.	30	NOS	255.2	1.½"
71.	30	NOS	256.2	2"
				THRMODYNAMIC DISC TYPE STEAM TRAP MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° SCREWED CONNECTION TO ANSI (B 1.20.1)
72.	50	NOS	803801/107.2	¼"
73.	50	NOS	109.2	½"
74.	50	NOS	110.2	¾"
75.	30	NOS	111.2	1"
76.	30	NOS	113.2	1.½"
77.	30	NOS	114.2	2"
				THRMODYNAMIC DISC TYPE STEAM TRAP MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° SOKET WELD (S.W) CONNECTION TO ANSI (B 16.11)
78.	50	NOS	803804/109.2	½"
79.	50	NOS	110.2	¾"
80.	30	NOS	111.2	1"
81.	30	NOS	113.2	1.½"
82.	30	NOS	114.2	2"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
				THRMO DYNAMIC DISC TYPE STEAM TRAP MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) =(350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING # 150 PSIG
83.	50	NOS	803810/201.2	½"
84.	50	NOS	202.2	¾"
85.	30	NOS	203.2	1"
86.	30	NOS	205.2	1.½"
87.	30	NOS	206.2	2"
				THRMO DYNAMIC DISC TYPE STEAM TRAP MATERIAL OF BODY (CARBON STEEL) TO ASTM (A 105 GR M OR A 216 GR WCB) ALL INTERNAL PART ARE STAINLESS-STEEL TYPE (304) WITH HARDENED SEAT & WEAR PART STEAM TRAP SHOULD WORK WITH LOW PRESSURE CONDITION & HIGH PRESSURE CONDITION) MINIMUM OPERATING PRESSURE = 150 PSIG MAXIMUM OPERATING PRESSURE (P.M.O) = (350 PSIG) MINIMUM OPERATING TEMPERATURE = (160 C°) MAXIMUM OPERATING TEMPERATURE (T.M.O) =425 C° FLANGE CONNECTION TO ANSI (B 16.5) RATING # 300 PSIG
88.	30	NOS	803810/253.2	1"
89.	30	NOS	255.2	1.½"
90.	30	NOS	256.2	2"
				HIGH PERFORMANCE (BUTTER FLY VALVE) WAFER TYPE WITH CIRCUMFERENTIAL RING METALLIC SEATED CLASS # 150 LBS DESIGN ACCORDING TO STANDARDS (ANSI (B 16.34 – B 31.1 – B 31.3) TESTED TO (API 598) EQUIPPED WITH GEAR OPERATOR. <u>BODY</u> THE MATERIAL OF BODY CAST CARBON STEEL ACCORDING TO ASTM (A 216 GR WCB) <u>DISK :-</u> STAINLESS – STEEL TYPE (316) <u>SHAFT :-</u> STAINLESS – STEEL TYPE (316) <u>SEAT:-</u> STAINLESS – STEEL TYPE (316) GEAR BOX : IS WEATHER PROOF UNIT SUPPLIED WITH HAND WHEEL .
91.	4	NOS	804025/050.2	6"
92.	4	NOS	051.2	8"
93.	4	NOS	052.2	10"
94.	4	NOS	053.2	12"

IT	QTY	UNIT	VOCAB NO.	DESCRIPTION
95.	4	NOS	055.2	16"
96.	2	NOS	059.2	24"

ORIGIN: ALL ORIGIN EXEPT E CHINA

- Certificate of origin
- Mill certificate
- Dimensions check
- Third party certificate