

شركة مصافي الجنوب / شركة عام

WWW.SRC.GOV.IQ

SOUTH REFINERIES COMPANY IS ANNOUNCING THE ISSUANCE OF HEREUNDER REQUISITIONS . ACCORDINGLY WHOSEVER WOULD LIKE TO PARTICIPATE AND OFFER SHOULD ATTEND SRC / HEADQUARTER LOCATED IN BASRAH/ SHUAIBA.

GAINING TENDER SPECIFICATIONS FOR AN AMOUNT MENTIONED AGAINST EACH TENDER CASH IN ADVANCE IT IS NON REFUNDABLE WHATEVER REASONS AND WHO WINS THE TENDER SHALL PAY THE COSTS OF LAST ANNOUNCEMENT.THE WELL KNOWN INTERNATIONAL COMPANIES WHICH HAVE NO BRANCH OR REPRESENTATIVE IN IRAQ CAN PARTICIPATE AND SEND THEIR OFFERS THROUGH DHL OR FEDEX OR ANY OTHER WAY WITHIN TIME DECIDED WITHOUT ATTACHING THE BILL OF PURCHASING BIDDING DOCUMENTS.

CLOSING DATE OF A.M. REQ .UP TO 12:00pm ON 24 / 7 / 2016

ITEM	REQ NO	DESCRIPTION	PRICE
1-	241/2015/E First time operational	Complete heavy duty horizontal centrifugal pump driven by electrical motor Estimated cost \$(259,971) Two hundred fifty nine thousand nine hundred seventy one USD	100.000 IQD
2-	266/2015/E First time operational	Complete heavy duty caste steel electrical submersible drainage pump Estimated cost \$(45,000) Forty five thousand USD	50.000 IQD
3-	302/2016/E First time operational	Heat treatment unit Vas 130-12 with digit 1000&temp. Recorder BH60-12 power supply 3ph, 380 v., 50 Hz Estimated cost \$(159,000) One hundred fifty nine thousand USD	100.000 IQD

Please, see attached conditions

FOR/ DIRECTOR GENERAL
Akeel SH. Ahmed

19 / 6 / 2016

Req. No. 302/2016/E

Heat treatment unit

1.Heat treatment unit VAS 130-12 With digit 1000 & temp. Recorder
BH60-12, power supply 3ph,380v,50hz ,order no.100801Qty/2

The full required specifications as attached documents

2.temperatureMeasuring device BP20 , order no. 400500 Qty/2

The full required specifications as attached documents

Full detailed catalogs required with the offer.

Manufacturer :weldotherm , PDS Bartech , cooperheat

Origin: USA, WEST EUROPE .



Heat Treatment Units

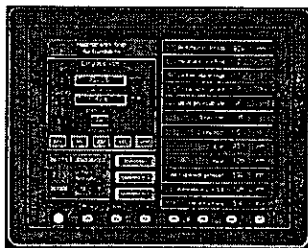
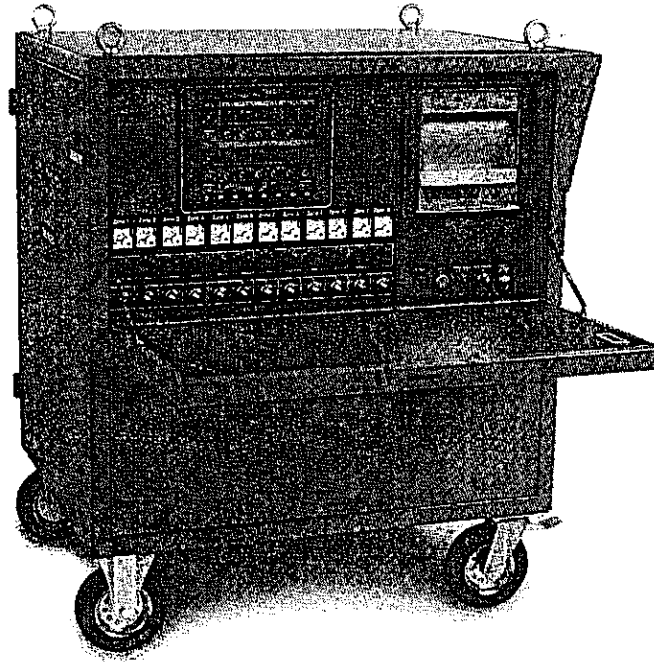
WELDOTHERM® VAS with DIGIT 1000

WELDOTHERM® VAS unit with multiple zone temperature control system Digit 1000 offer you state-of-the-art technology. With this technology, the usual individual programmers are replaced with controller modules, which are operated via a touch panel. Up to 36 control zones can be programmed. The zones can be controlled individually, in groups or in a network and in a time- and temperature-independent manner. The Digit 1000 can be monitored and controlled at the PC.

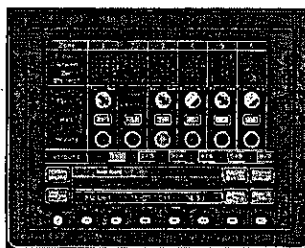
The user can be informed per e-mail about all relevant data and can intervene in the process via GSM modem by means of a mobile phone.

The heating current monitoring detects defective heating elements and with the extended contactor monitoring contributes to the highest process reliability.

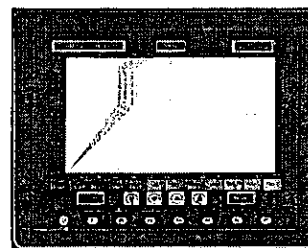
All measured values are recorded digitally and saved on a CF-card. They can be transmitted via USB connection.



Calculator for suitable heaters



Operation



Temperature/Time diagram

Heat Treatment Units



Glühdaten Welootherm Digit 1000						
Zone	1	2	3	4	5	6
Ystemp	0	0	0	0	0	0
Rampes	700	510	320	130	140	150
Temp	700	510	320	130	140	150
Zed	00	30	30	30	30	30
Rampes	700	510	320	130	140	150
Temp	0	910	520	690	1640	550
Zed	0	30	30	30	30	30
Rampes	0	300	320	380	380	380
Temp	0	310	320	330	340	350
Zed	0	30	30	30	30	30
Rampes	0	310	320	330	340	350
Temp	0	310	320	330	340	350

Prozessdaten Welootherm Digit 1000						
Zone	0	1	2	3	4	5
Soft	444	404	11475	483	1194	604
Mid	450	404	11475	483	604	604
Zed	20	22	22	22	22	22
Erstwert	45	44	46	45	47	48
Maximale						
Status						

Display of actual data of Digit 1000 in Excel

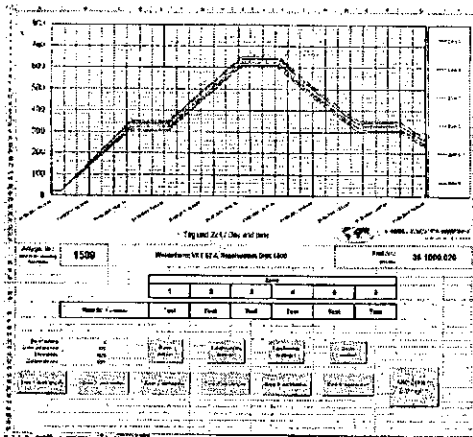


Chart display in Excel

Technical specifications

Program controller	Basic design: 6 independent control zones, model K, NiCrNi, relay output 12 independent control zones, type K, NiCrNi, relay output
Programmable characteristics:	
Start temperature	-100 to 1200 °C
Heating-up gradient	0 to 9998 K/h (9999 = step)
Cooling-down gradient	0 to 9998 K/h (9999 = step)
Holding time	0 to 9998 minutes (9999 = infinite)
Holding temperature	-50 to 1200 °C
Program length	7 program phases and a lead time
Storable programs	20 program memories, several thousand via recipe function serial, via all control zones
Program linking	
Program input	Touch screen, USB keyboard or USB mouse
Program correction	at any time, even during running program
Program back-up	exchangeable Lithium battery, data preservation for approx. 5 years
Control parameters	
Control behaviour	all relevant parameters can be adjusted in the controller set-up
Controller input	Two-point controller, PID controller with self-optimisation, P-controller
Controller output	Thermocouple type K, J, R, S, E, T, B, N, Pt111, WRe5-26, U, L
Overall error	Resistance thermometer model Pt100, JPt100
Configuration	floating relay output, 240 V AC, 2 A ± 0.7 % of the input range, ± 1 digit
Power supply	Control system consists of the components touch screen, function modules for 35 mm rail acc. to DIN 46277
Environmental conditions	100 - 240 V AC + 10% - 15%, 50/60 Hz 70 VA 0 - 55 °C, atmospheric humidity 5 - 95 % without condensation
Dimensions touch screen	10.4" 12.1"
Visible diagonal	26.4 cm 30.7 cm
Dimensions	303.8 x 231.0 x 69.0 326.4 x 259.6 x 69.0
Front panel cut-out	289.0 x 216.2 313.0 x 246.2
Type of protection	Front touch screen IP65; built-in parts IP20

Order No.

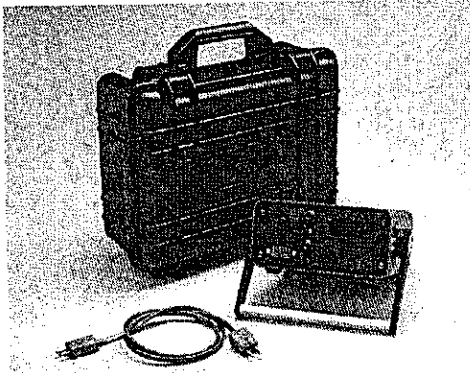
Order No.	Item
100600	VAS 45-6 with DIGIT 1000 and temperature recorder BH60-6
100700	VAS 82-6 with DIGIT 1000 and temperature recorder BH60-6
100701	VAS 82-12 with DIGIT 1000 and temperature recorder BH60-12
100800	VAS 130-6 with DIGIT 1000 and temperature recorder BH60-6
100801	VAS 130-12 with DIGIT 1000 and temperature recorder BH60-12
100900	Modem, aerial, heating current monitoring, 6-channel
100901	Modem, aerial, heating current monitoring, 12-channel



WELDOTHERM® Measuring Device MK 1300

WELDOTHERM® MK 1300 is a handy, quick and precise temperature measuring device. This can also be used as a precision voltage transmitter for the measuring range of NiCr-Ni 0-1200°C. The device is equipped with a comparison measuring point! The accuracy is $\pm 0,15\%$ of the measuring

range! In combination with a surface sensor the MK 1300 can be used for measuring surface temperatures.



MK 1300

Technical Data

Display temperature:	7 segments, red
Display operating mode	
Calibrating/measuring:	1 x LED, blue
Display battery status:	1 x LED, red
Dimensions (W x H x D):	180 x 60 x 180 mm
Weight:	3,1 kg

Order No.	Item
400400	WELDOTHERM® MK 1300, NiCr-Ni
400401	Spare charging cable
400402	Hard-top case
400403	Multi-Quick-Plug for presetting of 6 measuring points during temperature recorder calibration
400404	Surface Temperature Sensor NiCr-Ni, 300 mm long, handheld, 1 m connection cable, thermocouple plug

WELDOTHERM® Measuring Device BP 20

WELDOTHERM® BP 20 is an infrared temperature measuring device, cell phone sized. It is equipped with a dual target laser for focusing the measuring point. The emission factor can be adjusted.

The LCD display is well readable because of its size and its backlight. The infrared measuring range is $-35^{\circ}\text{C} \dots +800^{\circ}\text{C}$.



BP 20

Technical Data

Measuring range infrared:	$-35^{\circ}\text{C} \dots +800^{\circ}\text{C}$
Accuracy IR-sensor:	$-35^{\circ}\text{C} \dots +20^{\circ}\text{C} = \pm 2,5^{\circ}\text{C}$ $+21^{\circ}\text{C} \dots +300^{\circ}\text{C} =$ $\pm 1\%$ of indicated value $+301^{\circ}\text{C} \dots +800^{\circ}\text{C} =$ $\pm 1,5\%$ of indicated value
Working temperature:	$0 \dots 50^{\circ}\text{C}$
Dimension:	62 x 42 x 160 mm
Weight:	180 g
Scope of supply:	Device with batteries, hand strap, protection case, operation manual

Order No.	Item
400500	BP 20

South Refineries Company

Conditions For Bidders

- 1- Payment shall be by letter of credit ; and advance payment shall be only for project tenders
- 2- The email address fixed on submitted offer shall be dependant and the company should inform us about any change.
- 3- Performance bond equal to 5% of contract value should be submitted by the contractor after awarding of tender and before signing of contract.
- 4- Iraqi companies and their branches should present company foundation certificate with original copy ratified from the Iraqi trade ministry once a year with submitting the approval of cutting the rational card and getting the acquittance letter from general tax office.
- 5- An original copy of company foundation documents that should be ratified by the foreign ministry of the participants country and the Iraqi embassy therein required once a year .
- 6- The amount of purchasing tender document will be returned in case of cancelling the req. and changing the execution method of tender into direct invitation or soul source tender if the conditions available for these methods and also if the tender cancelled and reannounced in the coming year.
- 7- The winner will bear the fees of announcement for last announcement in the newspaper .Also our company is not obliged for awardance for the lower price offer. And the tender evaluation will be according to evaluation criteria.
- 8- Delay penalties shall be 10% -25% of contract amount .
- 9- The govermental employees can not participate in the tenders direct or indirect .
- 10 The delivery period can be fixed by our company and the written price is dependant in case of diffrance with number.
- 11- In case of reannouncment , the bidder can attach the bill of collecting the tender documents with the offers.
- 12- The pre-bid meeting shall be held for the project requisition and our company will inform all bidders about the date and place of above meeting .

Additional Instructions For Construction Contracts

- 1- The ownership of all design and drawing and specifications that are submitted by the contractor shall be SRC possession .Any contractual information shall not be published without the acceptance of SRC Director General or his authorized person
- 2- The qualifications of the technical team and the specialist workers should be submitted with all equipments and the special vehicles .
- 3- The primary time schedule should be submitted and the detailed time schedule shall be submitted after signing the contract.
- 4- The rank and field of the contractor or the company for the Iraqi companies and the foundation certificate and the license for business issued formally from chamber of commerce for foreiggn companies .

Additional Instructions For Purchase Order and Unconsulting Contracts.

- 1- The schedule and delivery period for materials of service according to tender conditions .
- 2- The price should be (CIP,CFR,CIF,FOB)
- 3- The penalties should be according to item 9 of instruction of govermental contract No. 2 of 2014
- 4- Third party inspection certificate form international inspection companies (BV France,Baltic Control Denmark,TUV Rheinland Germany or Contecna Swiss) .
- 5- All materials shall be receive and and accepted by SRC staff.
- 6- Certificate of origin should be submitted and certified by Iraqi embassy .