



REPUBLIC OF IRAQ
MINISTRY OF OIL
NORTH GAS COMPANY (NGC)



REF. NO.: M7/281/2/ 2041

Date: 24/ 07 /2011

TO:

E-mail:

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٧ ٢٢

SUBJ.: INDENT NO. 2066/2011
VAISALA MAWS301 HYDROMETER SYSTEM,
CONFIGURATION COMPRISING

Dear Sirs,

Pls. quote yr offers for the supply of materials as the two attached lists of technical specifications and special conditions & requirements:

Taking Into Yr Consideration That :

Offers must be in sealed envelopes (technical offer) with indent number and closing date clearly mentioned on the envelopes, addressed to the attention of B.B.C. (BROADLY BIDS BOX) at NORTH GAS COMPANY, P.O.BOX (16) - KIRKUK, IRAQ, must be dropped in the B.B.C. tenders box at the N.G.C. reception.

Best Regards

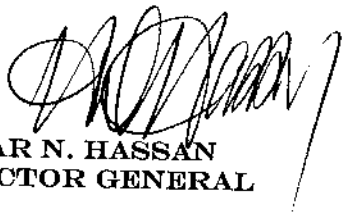
HUNAR N. HASSAN
DIRECTOR GENERAL
CHAIRMAN OF BOARD

P. O. BOX (16) KIRKUK
E-MAIL: gas@ngc.gov.iq

BAIJI-KIRKUK ROAD
WEBSITE: www.ngc.gov.iq

Attached list of special condition and requirement
Ministry of oil
North Gas Company
Indent number: 2066/2011

1. Offer should be worked out on the basis of CIP Kirkuk
2. Kindly state the following:-
 - a. Delivery date & offer validity (90) days
 - b. Country of origin.
 - c. Port & country of export
 - d. Performance certificate and all relevant documents involved.
 - e. Specify shipment route.
 - f. Offers must be signed and stamped alive & must be in sealed envelope (Technical offer) with indent number and closing date clearly mentioned on the envelope.
3. Yr offer must be submitted before: 05/09/2011 (prior to 3:00pm), is highly appreciated.
4. If you are not interested in offering quotations, please let us know within given period.
5. Offers will neglect one or more of a/m conditions, shall be neglected.
6. supplier to present a full set of shipping documents authenticated from Iraqi embassy at supplier country, including epidemic-free license for export materials.
7. Offers should be from manufacturing companies or authorized agents
8. Agents-suppliers ... Should submit authorization from the main manufacturer(s) (all relevant documents to be originals being authenticated by Iraqi commercial attaché.
9. Signing contracts may be through/by authorized regional agent, within Iraq country.embassy in supplies'
10. Tenders should be pursued definitely via corresponding NGC/E-mail or . communicating NGC reception.
11. Final account statement approved by a charter account in past year for financial efficiency to be submitted.
12. Incorporation papers are to authenticated by Iraqi commercial attaché.
13. Commercial offers must be submitted after technical ones had been studied well by our concerned staff & you will be informed later on.
- 14- Before delivering the envelopes containing offer(s), the bidder requested to pay (ID 100000) one hundred thousand Iraqi Dinars against receipt (copy to be attached with technical offer).
- 15- Certificate of inspection of the third party to be from Swiss SGS or French Bureau Veritas is to be submitted definitely .


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DIRECTOR GENERAL

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WEBSITE: www.ngc.gov.iq

طلبية شراء

MATERIALS INDEN

NEEDED FOR.....

S	Cc
T	AL
Q	RA
R	DS
E	S
I	23

INDENT SERIAL NO
5
2066

DATE REQUIRED
M M Y Y
16 13

DATE RAISED
D D M M Y Y
15 20
16 6 2011

تسلسل ITEM	الرقم البريدي VOCABULARY	الوصف DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24 33		62 64	70 65	71 80	
001		Vaisala MAWS301 hydrometer system, configuration comprising: standard assembly for data collection platform (DCP) high accuracy for industry use in metric unit measurement including -QML201AWS logger with 1.6MB flash memory for data logging, plus mounting plate, accuracies operating temperature (-50 ... +60). humidity (0 ... 100 % RH). materials stainless steel. -DKP Mast tilttable 3M pole mast c/w passive lighting rod, support guy wire, tilt flange and leveling plate. -Lizard set-up software and terminal software, view software (basic). With operation and maintains manuals in English.	NOS	(1) ONE		- Vaisala Oyj FIN-00421 Helsinki Finland Fax: +358 9 8949 2227 -limassol for engineering and lab instrument trading: Amman - Jordan Telfax : 11194 6 5164035 e-mail : limassol@orange.jo - WATERLABS limited-uk e Mail: mick.price@waterlabs.co.uk - cometa scientifica Limited Cumberland House, Park Row Nottingham NG1 6EE, UK Fax : +44 (0) 115 988 6120 Email : info@cometacientificatd.com - ENVIRONNEMENT S. A FAX : +33 139 65 38 08 e-mail: info@environnement sa.com - يتم تسليم (المواد غير متعلقة بمركبات)

توقيع طالب المواد /

مجموعة الفقرات 20

TOTAL ITMES..(20)...

عنوان الوظيفة /

المدير العام

هشام نجيب حسن

**MATERIALS INDENT
CONTINUATION (مستمر)**

ONLINE
وقصص الطائفة

INDENT SERIAL NO	5 8	2066
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M	M	Y	Y
16		13	

DATE RAISED		
DD	MM	YY
15		20
16	6	2011

تسلسل ITEM	الرقم البريدي VOCABULARY	DESCRIPTION المواصفات	الوحدة UNIT	الكمية QUANTITY	البلغ VALUE	REMARKS
21 23	24 33	- All necessary accessories, sensor interfaces and mounting fixtures. - Solar 11-75 solar panel set (11W). - Back-up batteries 12 w/12 v with QBR101 regulator charge/recharge control, mains power BWT155X-assy... 220 VAC 50/60 Hz. - Data quality control upper/lower chimatological limits. - All necessary cross support arms & cables, mast mounting accessories, and all necessary spare parts for three operation years. - MetMan10 data collection system comprising: - MM-10-SW-package:- metman10 software & manual, data collection from stations from station into ascii files. - MM-WEBVIEW-metman web view software & manual, reporting and graphing package.	62 64	65 70	73 77 78 80	

مقابلة الشراء (تتم)
MATERIALS INDENT CONTINUATION

تسلسل ITEM	الرقم الرمزي VOCABULARY	الوصف DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	ملاحظات REMARKS					
21	23		62	64	65	70	73	77	78	80	

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رقم الطلب
INTENT NO
2066

DATE REQUIRED M M Y Y 20	DATE RAISED DD MM YY 15 20
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DATE REQUIRED M M Y Y 20	DATE RAISED DD MM YY 16 6 2011
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ITEM	VOCABULARY	DESCRIPTION	UNIT	QUANTITY	VALUE	REMARKS
002	003	004	005	006	007	008
009	010					

- Factory acceptance test day at vaisala Helsinki premises
- Training one week for three environment department cadres.

Standard sensors:

- WXT520 weather transmitter.
- Wind speed & direction WAA151 anemometer & WAV151 wind vane.
- BARO-I atmospheric pressure sensor.
- QMH 102 air temperature and relative humidity probe (also for Dew point) in radiation shield.
- QMR102 rain gauge /precipitation+ pedestal and base plate.
- QMS 102 Pyranometer global solar radiation.
- DSU12 sunshine duration.
- Evaporation 255 series.
- QMT107 Soil temperature sensor for 50 cm & 100cm deep.
- ECHO20-20 Soil moisture sensor.

شركة غفر الشمال (شركة عامة)
 طلبية الشراء MATERIALS INDENT
 (تسمة) CONTINUATION

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رقم الطلبية
 INTENT NO

INDENT SERIAL NO	5	8
	2066	

DATE REQUIRED	M	M	Y	Y
	16		13	

DATE RAISED	DD	MM	YY
	15		20
	16	6	2011

الرقم ITEM	الرقم VOCABULARY	الوصف DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	البلغ VALUE	REMARKS
21	23		62	64	65	73 77 78 80
011		- Campbell Stokes Sunshine Recorder for measuring the amount of bright sunshine:	NOS	(1) ONE		
012		- three types of card to correspond to the behavior of the sun at different seasons long curved for use in summer, straight for use near the equinoxes and short curved for use in winter, for three years work.	SET	(3) THREE		
013		- Thermometer rang (-10 ... + 100 C°) for vertical measuring soil temperature of Medium (50cm) and deeper (100cm) layer, mercury-in-glass thermometer, mounted on plastic tube of copper bottom cover and with the thermometer bulb embedded in copper chips.	NOS	(2) TWO		
014		- Dry and wet bulb thermometer rang (-10 ... + 100 C°) to measure air temperature with daily min & max temp pointer, necessary holders, radiation shield.	NOS	(2) TWO		

طبية الشراء
MATERIALS INDENT
CONTINUATION (تسمة)

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رقم الطبية
INTENT NO

INDENT SERIAL NO	DATE REQUIRED
5 8	M M Y Y
2066	16 13

DATE RAISED	DATE REQUIRED
DD MM YY	M M Y Y
15 20	16 13

DATE RAISED	DATE REQUIRED
DD MM YY	M M Y Y
16 20	16 13

ITEM	الرقم VOCABULARY	DESCRIPTION	الوصف	الوحدة UNIT	الكمية QUANTITY	القيمة VALUE	REMARKS
21	23	24	33				
015		Spate part for HORIBA PG-250 flue gas analyzer:		NOS	(5) Five		
016		- O ₂ cell	p/n 9053004000	NOS	(3) Three		
017		- Ozone decomposer	p/n 9040001100	NOS	(2) Two		
018		- Ozone generator	p/n 9040001500	NOS	(4) Four		
019		- NO _x converter catalyst tub	p/n 9057003500	NOS	(4) Four		
		- Zero gas catalyst tube	p/n 9057004200	NOS	(1) ONE		
020		AeroLead™ Portable Airborne Lead and Lead Dust Analyzer:					
		- Air Sample Time 1-1200 minutes (User-Selectable)					
		- Air Sample Volume - Up to 3 cubic meters					
		- Lead Analysis Time - 8 minutes					
		- Detection Limit - Less than 1 ug/cubic meter					
		- Automatic Operation - Up to 20 continuous samples					
		- Samples between Battery Charges - 30					

طلبية الشراء (تتمة)
MATERIALS INDENT CONTINUATION (تتمة)

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رقم الطلبية
INTENT NO

INDENT SERIAL NO	8
5	2066

DATE REQUIRED	M	M	Y	Y
16			13	

DATE RAISED	DD	MM	YY
15			20
16	6		20

تسجل ITEM	الرقم الرمزي VOCABULARY	DESCRIPTION	الملاحظات	الوحدة UNIT	الكمية QUANTITY	البلغ VALUE	REMARKS
21 23	24 33			62 64 65	70	73 77 78 80	
		- Power Requirements - 220 VAC 50/60 Hz & internal 12 VDC chargeable Battery. -Power Requirements works on back Li/Cd rechargeable battery, with charger (INPUT 220 V; 50/60 HZ). - All necessary sparepart with electrodes, calibration solutions and needed accessories for three years operation ,manual for operation & maintenance.					