

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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



وزارة النفط
MINISTRY OF OIL
شركة غاز الشمال (شركة عامة)

REF. NO.: M7/281/2/
DATE: 4/05/2011
TO:
E-mail:

**SUBJ.: INDENT NO. 2040/ 2011
QUOTATION FOR THE SUPPLY OF
COMPLETE Z CONFIGURATION SKID WITH TWO
PROPER SIZE CUSTODY TRANSFER GAS TURBINE
METER WITH METRIC LOCAL**

Dear sirs,

Pls. quote yr prices 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 & commercial offers) 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. BOX (16) KIRKUK
BAIJI-KIRKUK ROAD
E-MAIL: gas@ngc.gov.iq
WEBSITE: www.ngc.gov.iq**

Attached list of special condition and requirement

**Ministry of oil
North Gas Company
Indent number:2040/2011**

1. Offer should be worked out on the basis of CIP Kirkuk
2. Kindly state the following:-
 - a. Unit price.
 - b. Delivery date & offer validity (90) days
 - c. Include bid bond (1%) of offer value valid for (90) days within Technical-envelope otherwise be declined.
 - d. Country of origin.
 - e. Port & country of export
 - f. Performance certificate and all relevant document involved.
 - g. NGC may decline offers of lesser Prices.
 - i. Specify shipment route.
 - j. Offers must be signed and stamped alive & must be in sealed envelopes (Technical & Commercial offers to be separated) with indent number and closing date clearly mentioned on the envelops.
3. Yr offer should be mailed before: **15/ 06/2011(prior to 3:00pm)**, is highly appreciated.
4. **Payment:**
 - a. By L/C 70% Payable against shipping documents are to be authenticated by Iraqi embassy at the country of origin 30% payable upon arrival approval of goods to final destination
 - b. Payment in Iraqi Dinars after receiving materials at NGC & contractually to be fixed & exchanging rate of Arrival materials to NGC.
5. **Penalty:** Delay penalty: contract amount x 10%
Contract period
Will be applied for each day delay of shipment after the stated delivery period on contract and not to exceed more than (10%) of contract amount.
6. If you are not interested in offering quotations, please let us know within given period.
7. Offers will neglect one or more of a/m conditions, shall be neglected.
8. Good performance's guarantee ranging (5%) of P/O amount should be submitted by the supplier & **it should be of the same currency of the contract being signed.**
9. Submitted prices are final & non-negotiable.
10. Local companies are requested to submit their official registration papers; as for foreign companies, they should be submitting their incorporation registered papers.
11. 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 to technical offer). Otherwise we would be obliged to decline yr quotation.
12. Supplier should arrange to attend (be present) at our company on the day of opening due offers (working day after closing date). In case of failing to attend on mentioned date, concerned committee is liable to proceed with their procedures.
13. supplier to present a full set of shipping documents authenticated from Iraqi embassy at country of origin, including epidemic-free license for export materials.
14. Offers should be from manufacturing companies or authorized agents
15. Agents-suppliers ... Should submit authorization from the main manufacturer(s) (all relevant documents to be originals-genuine)
16. Local companies and/or companies having official & registered branches within Iraq are to afford taxes, customs, fees etc.
17. Signing contracts may be through/by authorized regional agent, within Iraq embassy in supplies' country
18. Tenders should be pursued definitely via corresponding NGC/E-mail or communicating NGC reception
- 19- Review final account approved by a charter account in past year for financial efficiency
- 20- Certificate of Incorporation being authenticated by Iraqi commercial attaché in the country of origin.
- 21- Letter of tax exemption to be submitted issued by General Commission of Taxes for Iraqi's companies & for the foreign ones which have branch/ representative office inside Iraq.
- 22- The contractor bears the tender wages announcement.

Best Regards



**HUNAR N. HASSAN
DIRECTOR GENERAL
CHAIRMAN OF BOARD**

**P. BOX (16) KIRKUK
BAIJI-KIRKUK ROAD
E-MAIL: gas@ngc.gov.iq
WEBSITE: www.ngc.gov.iq**

شركة غاز الشمال (شركة عامة)

طلبة شراء

نموذج رقم ()

MATERIALS INDENT

NEED FOR

S	CC
T	AL
O	RA
R	DS
E	S
I	23

INDENT SERIAL NO	8
5	
2040	

DATE REQUITED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	31	3	2018

تسلسل ITEM	الرقم الرمزي VOCABULARY	المواصفات DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33	62	64	71	80
001		COMPLETE Z CONFIGURATION SKID WITH TWO PROPER SIZE CUSTODY TRANSFER GAS TURBINE METER WITH METRIC LOCAL READOUT INDICATOR FOR MEASURING SOUR GAS (NATURAL GAS CONTAINING H2S) AS BELOW STREAM COMPOSITION . COMPONENT MEASURED MOL% C1 0-----82.44 C2 0-----9.73 C3 0-----3.44 IC4 0-----0.4 NC4 0-----0.98 IC5 0-----0.38 NC5 0-----0.5 C6 0-----0.55 CO2 0-----0.88 H2S 0-----0.71 MOL. WT : 20.21 DENSITY : 24 KG/M³ SP. GR. : 0.6978 LINE SIZE (30") , RATING: ANSI 600 RF FLUID : NATURAL GAS OPERATING TEMP. : 26 - 40 DEG C MAX. TEMP. : 50 DEG C	NO	1 ONE		GENERAL مشروع قياسات نقل الملكية (احتياطي التوسعات) (مواد مباشرة لحقل عجيل)

توقيع طالب المواد / عنوان الوظيفة

توقيع المخرجة

المدير العام

مختبر إيجيب

شركة غاز الشمال (شركة عامة)
طلبة شراء

نموذج رقم ()

MATERIALS INDENT

NEED FOR

S	CC
T	AL
O	RA
R	DS
E	S
1	23

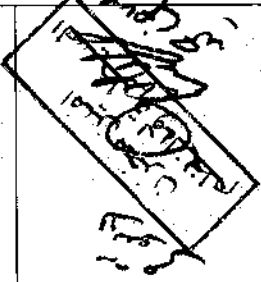
INDENT SERIAL NO	8
5	
2040	

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	31	3	2014

تسلسل ITEM	الرقم الرمزي VOCABULARY	DESCRIPTION المواصفات	الوحدة UNIT	الكمية QUANTITY		المبلغ VALUE		REMARKS
				65	70	71	80	
23	24	33	62	64	65	70	71	80
		OPERATING PRESSURE : 32 KG/CM² MAX. PRESSURE : 41 KG/CM² NORMAL FLOW RATE : 175000 NM³/H MAX FLOW RATE : 300000 NM³/H TO BE SUITABLE FOR GASES CONTAINING H₂S ACCORDING TO (NACE). POWER SUPPLY AVAILABLE 110V 50 HZ & 24V DC TO BE INSTALLED IN HAZARDOUS AREA OF CLASS 1, GROUP D, DIVISION 1. WITH TEST CERTIFICATE FROM THIRD PARTY AT METER OPERATING CONDITION PROVIDING METER CALIBRATION CURVE AND METER FACTOR CONFIRMING UNCERTAINTY, ACCURACY & LINEARITY. ACCURACY BETTER THAN +/- 0.5 % OF READING. ONE FOR CONTINUOUS OPERATION , THE SECOND FOR VERIFICATION . SUITABLE ELECTRONIC VOLUME CORRECTOR (CALCULATOR) FOR TEMP. , PRESSURE (TO STANDARED CONDITIONS, 15 DEG. & 1 BAR) & DENSITY. ALSO SHOWING FLOW RATE (ACTUAL & CORRECTED) & ALL VARIABLES (PRESS. , TEMP. & DENSITY) . WITH NON RESETABLE ACCUMULATOR (TOTALIZER) TO BE MOUNTED IN CONTROL ROOM.	NO	2 TWO				

002



شركة غاز الشمال (شركة عامة)

طلبية شراء

نموذج رقم ()

MATERIALS INDENT

NEED FOR

S	CC
T	AL
O	RA
R	DS
E	S
1	23

INDENT SERIAL NO	8
5	
2040	

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	31	3	2011

تسلسل ITEM	الرقم الترميزي VOCABULARY
23	24
003	33

المواصفات

REMARKS

المبلغ
VALUE

الكمية
QUANTITY

الوحدة
UNIT

SUITABLE SMART HART TYPE ELETRONIC PRESSURE TRASMITTER (USING HART PROTOCOL FOR COMMUNICATION) WITH SUPERIMPOSED 4-20 MA OUTPUT , SUPPLY 24 V DC.
EXPLOSION PROOF (CLASS 1 , GROUP D , DIVISION 1 , HAZARDOUS AREA) .
COMPLETE WITH MOUNTING BRACKET .
ELECTRICAL & PROCESS CONNECTION : ½ NPT .
RANGE : 0 - 60 KG/CM² .
ACCURACY BETTER THAN (+/-0.1%) FS

SUITABLE SMART HART TYPE ELETRONIC TEMPERATURE TRASMITTER WITH ELEMENT & THERMO WELL (USING HART PROTOCOLE FOR COMMUNICATION) WITH SUPERIMPOSED 4-20 MA OUTPUT, SUPPLY 24 V DC.
EXPLOSION PROOF (CLASS 1 , GROUP D , DIVISION 1 , HAZARDOUS AREA) .
COMPLETE WITH MOUNTING BRACKET .
THERMO WELL CONNECTION : 1" NPT
SENSOR CONNECTION : 1/2" NPT
RANGE : 0 - 100 DEG C .
ACCURACY BETTER THAN (+/-0.1%) FS
TYPE OF INPUT (CONFIGURABLE) .

62 64 65 70 71 80

2 TWO

NO

NO

2 TWO

NO

2 TWO

NO

2 TWO

NO

2 TWO

NO

2 TWO

NO

2 TWO

شركة غاز الشمال (شركة عامة)
طلبة شراء

نموذج رقم ()

MATERIALS INDENT

NEED FOR

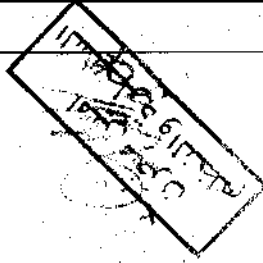
S	CC
T	AL
O	RA
R	DS
E	S
1	23

INDENT SERIAL NO	8
5	
2040	

DATE REQUOTED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	31	3	2011

تسلسل ITEM	الرقم الرمز VOCABULARY	المواصفات DESCRIPTION	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33	62	64	71	80
005		SUITABLE NATURAL GAS DENSITY ANALYZER, LOCALY DIRECT MOUNTED ON THE LINE SIZE 30" DENSITY RANGE : 0----- 30 KG/M3 ACCURACY : +/- 0.1% POWER SUPPLY 110V 50 HZ OR 24V DC OUTPUT : FREQUANCY & 4 - 20 MA TO BE MOUNTED IN HAZARDOUS AREA CLASS 1, GROUP D, DIVISION 1. COMPLETE WITH TEST CERTIFICATE, INSTALLATION & CALIBRATION PROCEDURE WITH ALL ACCESSORIES. WITH LOCAL INTEGRAL DIGITAL DISPLAY.	NO	2 TWO		
006		SUITABLE POWER & SIGNAL CABLES FOR THE SYSTEM (TYPE & QTY) INCLUDING EXTENSION CABLE FOR THE SUPPLIED THERMO COUPLE , ENOUGH FOR ABOVE GROUP OF INSTRUMENT (DISTANCE BETWEEN SKID AND CONTROL ROOM IS 500 M).	LOT	1 ONE		
007		THE TWO CORRECTORS TO BE INTEGRATED IN ONE SELF STANDING PANEL BOTTOM ENTRY (NEMA 4) WITH ALL POWER DISTRIBUTION , PUSH BUTTONS AND ALL ACCESSORIES.	NO	1 ONE		
008		UP STREAM & DOWN STREAM SPOOL PIECES WITH SPECIFIC LENGTH REQUIRED BY DESIGN FOR EACH METER IN THE SKID WITH ALL TAPS IF ANY .	NO	2 TWO		



شركة غاز الشمال (شركة عامة)
طلية شراء

نموذج رقم ()

MATERIALS INDENT

NEED FOR

S	CC
T	AL
O	RA
R	DS
E	S
I	23

INDENT SERIAL NO	5	8
2040		

DATE REQUIRED	MM	YY
		20

DATE RAISED	DD	MM	YY
	15		20
	31	3	2011

تسلسل ITEM	الرقم الرمزي VOCABULARY	DESCRIPTION	المواصفات	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24	33		62	64	71	80
009			SET OF SUITABLE (SIZE & RATING) ISOLATING BALL VALVES, FULL BORE, CLASS IV, RATING ANSI 600, WITH ALL PIPE ADAPTORS, FITTINGS NECESSARY TO FULFILL THE (Z) CONFIGURATION.	NO	5 FIVE		
010			SET OF SPARES (MAJOR ITEMS)	SET	2 TWO		
011			PROVIDE ONE HARD COPY OF ALL RELEVANT DOCUMENTATION (INSTALLATION, OPERATION, CONFIGURATION, MAINTENANCE & AS BUILT ELECTRICAL INTER CONNECTION DRW.) PLUS THREE SOFT COPIES WITH LICENSE IF ANY.	SET	1 ONE		
012			SUPERVISION ON INSTALLATION, COMMISSIONING & LOCAL TRAINING BY VENDOR SPECIALIST.	NO	1 ONE		
NOTES :- -OVERALL ACCURACY (METERS + CORRECTORS + AUXILIARIES) NOT TO EXCEED (+/-1%) OF F.S FOR THE SYSTEM. - ITEMS 3,4,5 TO BE DIRECTLY CONNECTION TO CORRECTOR. - PROVIDE CERTIFICATE OF ORIGIN. - ALL ITEMS TO BE SUPPLIED LOSE BUT WITH ALL ACCESSORIES ; BOLTS, GASKETS,SUPPORTS,FLANGES SPOOLS ,REDUCERS. CABLE GLANDS							

