

REF. NO.: M7/281/2/2844

DATE: 10/07/2011

TO:

E-mail:

3

**SUBJ.: INDENT NO. 2024/ 2011
QUOTATION FOR THE SUPPLY OF
SPARE FOR SRU 4700 PURGE METER**

Dear sirs,

Pls. quote yr offer 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 envelope (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

N/B : All enclosed terms & conditions are to be covered entirely otherwise submitted offer would be declined for a/m reasons



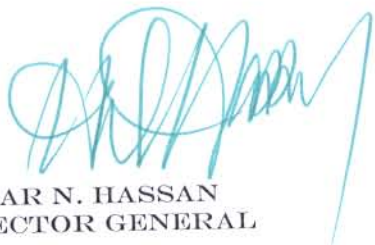
HUNAR N. HASSAN
DIRECTOR GENERAL
CHAIRMAN OF BOARD

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: 2024/2011

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: **10 / 08 /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. performance bond 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.
7. supplier to present a full set of shipping documents authenticated from Iraqi embassy at supplier country, including epidemic-free license for export materials.
8. Offers should be from manufacturing companies or authorized agents
9. Agents-suppliers ... Should submit authorization from the main manufacturer(s) (all relevant documents to be originals being authenticated by Iraqi commercial attaché.
10. Signing contracts may be through/by authorized regional agent, within Iraq country.embassy in supplies'
11. Tenders should be pursued definitely via corresponding NGC/E-mail or . communicating NGC reception.
12. Final account statement approved by a charter account in past year for financial efficiency to be submitted.
13. Incorporation papers are to authenticated by Iraqi commercial attaché.
14. 0.002 from total value of the L/C to be deducted as stamp charge.
15. Commercial offers must be submitted after technical ones had been studied well by our concerned staff & you will be informed later on.

Best Regards



HUNAR N. HASSAN
DIRECTOR GENERAL

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

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

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قسم الصيانة والميكانيك

NEEDED FOR.....

MATERIALS INDENT

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

INDENT SERIAL NO	5 8	2024
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DATE REQUIRED	MM	YY
		20

DATE RAISED		
DD	MM	YY
15		20
13	2	201

الشيخ مخزن
البيطاره والنظم

تسلسل ITEM	الرقم الرمزي VOCABULARY	DESCRIPTION	المواصفات	الوحدة UNIT	الكمية QUANTITY	المبلغ VALUE	REMARKS
23	24 33			62 64	70 80	71 80	
001	379199/312.3	SPARE FOR SRU 4700 PURGE METER :- PURGE METER ASSEMBLED ON SUITABLE STEEL PLATE FLUID :- N2 GAS FLOW:- NOR 17 NL/MIN TEMP:- 83 °C PRESS:- PRIMARY=7-10 KG/ CM2G SECONDARY:- 1,5 KG/CM²G FLOW CONNECTION INLET:- BACK OUTLET :- BACK SCALE RANGE :- 5-50 NL/MIN BODY RATING 10 KG/CM²G CONNECTION SIZE ¼" NPT WITH INTEGRATED NEEDLE VALVE AT DOWN STREAM OF PURGE METER FOR MATERIAL & DIMENSION & OTHER SPECIFICATION AS PER DRW.NO F80-16680-5,6		NOS	10 TEN		GENERAL FISHER FOXBORO HONEYWELL MASONIELAN
002	379199/314.3		SAME AS ITEM ONE BUT AS PER DRW.NO F 80 -16680-7,8	NOS	8 EIGHT		
003	379199/316.3		SAME AS ITEM ONE BUT AS PER DRW.NO F 80 -16680-3	NOS	2 TWO		

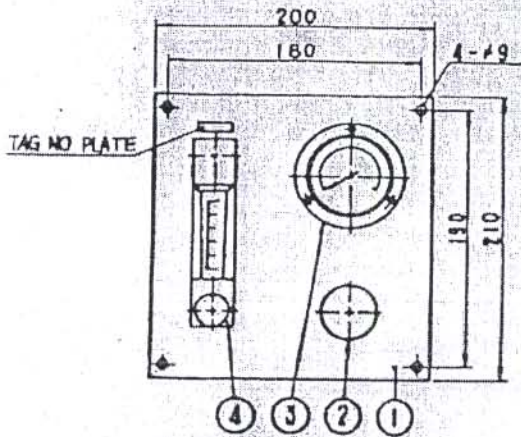
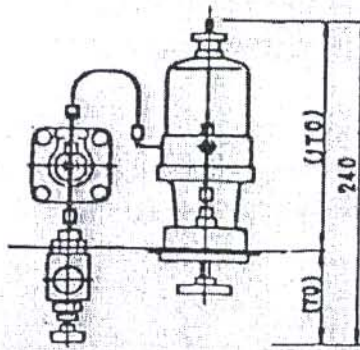
٢٠١٦/٢٠١٧ / ١٠٠٠ / ١٠٠٠ / ١٠٠٠

مجموع الفقرات

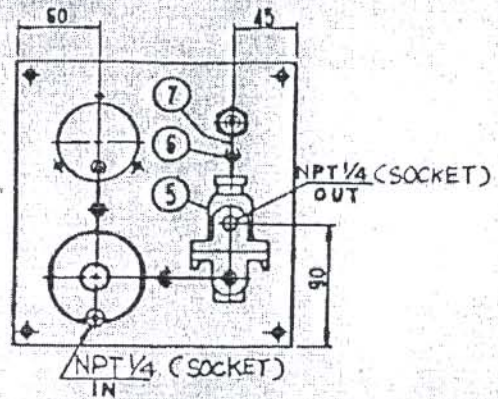
المدير العام

سیطرہ مخزنیه

ITEM 3



REAR VIEW



Care not to give thermal shock more than 80°C to glass tube.

NO	3		
TAG NO.	FI-1727, 2127, 2721, 4727		
FLUID & STATE	N ₂		
SP. WT.	1.251 kg/cm ³		
VISCOSITY	0.0188 cP		
FLOW	MAX	20 Nl/min	
	WIDE	2 Nl/min	
	NOM.	10 Nl/min	
PRESS.	PRIMARY	7~10 kg/cm ² G (686.5~980.7 kPa)	
	SECONDARY	1.5 kg/cm ² G (147.11 kPa)	
TEMP.	50°C (MAX 90°C)		
QUANT.	4		

NO	PART DESCRIPTION	MATERIAL	REMARK
1	PANEL	SPCC	t=3.2
2	FILTER & REGULATOR	Z-ADC BRASS	PRI. PRESS. MAX 10 kg/cm ² G X1
3	PRESSURE GAUGE	BRASS	SCO = 3 kg/cm ² G X2 (Set press. 1.5 kg/cm ² G)
4	PURGE METER	SUS 304 NDS	(Scale press. 1 atm)
5	CONSTANT FLOW VALVE	SUS 304 CR	
6	UNION	SUS 304	
7	LEAD PIPE	CUT PVC COVER	φ6 x φ4
8			
9			
10			

Finishing (PANEL) MUNSIEL 75BG415 (Anti-acid painting)

Accessories:

Spare parts:

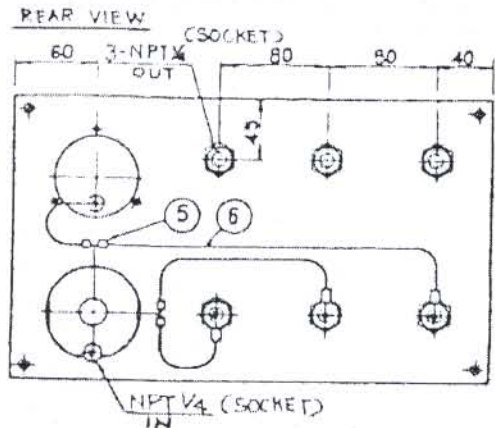
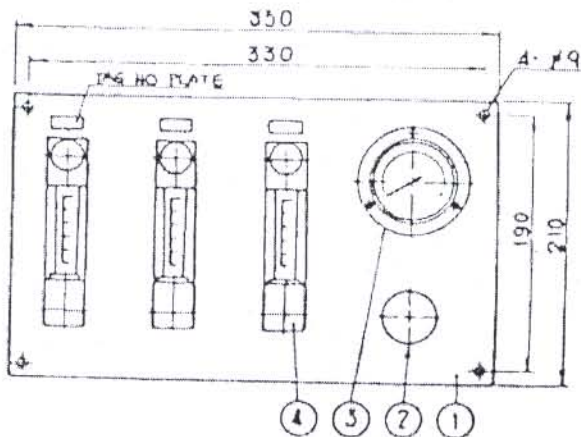
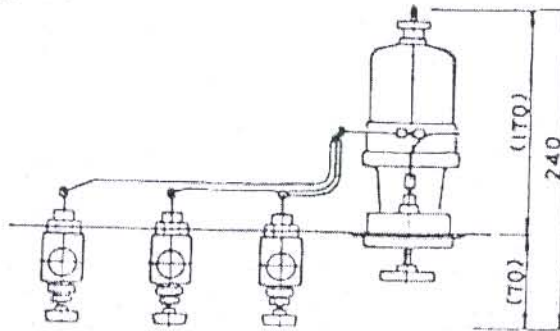
Test press (at) 3 kg/cm² G (294.2 kPa)
Accuracy: 5% (of F.S.)

Note: X1: 980.7 kPa

X2: 294.2 (147.11) kPa

NAME	PURGE SET	CUSTOMER	
TYPE	CP-310-115-V	INSTR. NO.	F80-16680-3
DATE	2001.1.1	TOKYO KAIKO CO., LTD.	

ITEM 1



Care not to give thermal shock more than 80°C to glass tube.

NO	5	6	
TAG NO.	※ ₁	※ ₂	
FLUID & STATE	N ₂	—	
SP. WT.	1.251 kg/m ³	—	
VISCOSITY	0.0188 cP	—	
FLOW	MAX	50 Nl/min	20 Nl/min
	MIN	5 Nl/min	2 Nl/min
	NOR	17 Nl/min	10 Nl/min
PRESS	PRIMARY	7-10 kgf/cm ² G	— (7.75-9.807 kPa)
	SECONDARY	1.5 kgf/cm ² G	— (147.11 kPa)
TEMP	50°C (max 90°C)	—	
QUANT.	4	4	

NO	PART DESCRIPTION	MATERIAL	REMARK
1	PANEL	SPCC	T=3.2
2	FILTER & REGULATOR	ZnADC BRASS	PRI. PRESS (7.75-9.807 kPa) MAX 10 kgf/cm ² G
3	PRESSURE GAUGE	BRASS	φ60 = 3 kgf/cm ² G (Set press 1.5 kgf/cm ² G)
4	PURGE METER	SUS304 HBR	(Scale press 1.5 kgf/cm ² G)
5	UNION	SUS304	
6	LEAD PIPE	CUT PVC COVER	φ6 x φ4
7			
8			
9			
10			

① (PANEL) Finishing: MUNCIE 75B941.5 (Anti-rust painting)

Accessories: —

Spare parts: —

Test press (air) 3 kgf/cm²G (294.2 kPa)

Accuracy: ± 5% (of F.S.)

Note: (F1-1735, 1736, 1739) (F1-2735, 2736, 2739)

(F1-2735, 2736, 2739) (F1-4735, 4736, 4739)

(F1-1740, 1741A, 1741B) (F1-2740, 2741A, 2741B)

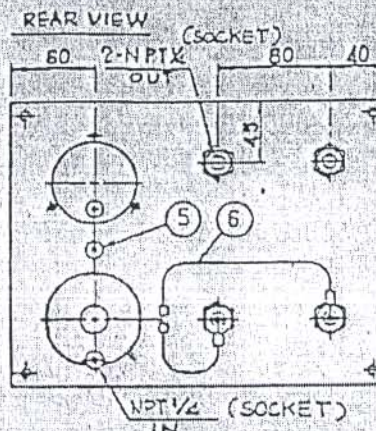
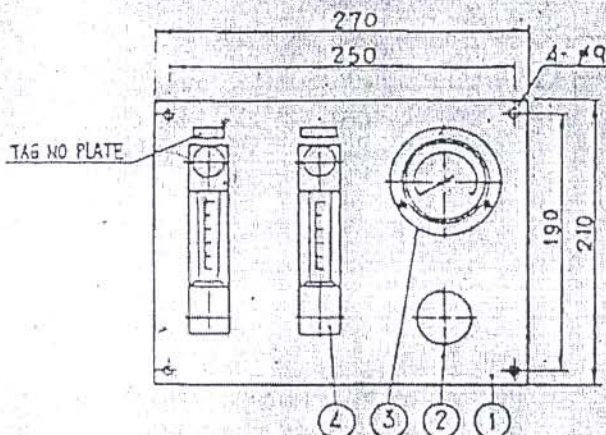
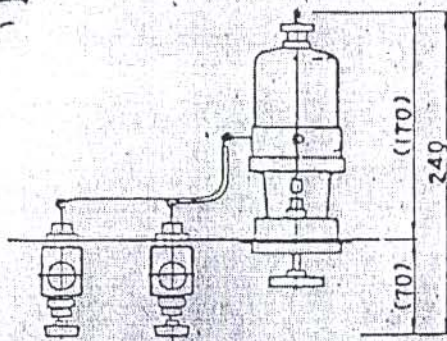
(F1-3740, 3741A, 3741B) (F1-4740, 4741A, 4741B)

K3 (14.2, 17.112 kPa)

NAME	PURGE METER	CUSTOMER	
TYPE	P-115-V	MFG NO.	F80-16680-5.6
DATE	Jan 21 '81	TOKYO KEISO CO., LTD.	T. Shima

211-13-81

ITEM 2



Care not to give thermal shock more than 80°C to glass tube.

NO	7	8	9
TAG NO.	*1	*2	FRCA-1701/2701 3701/4701
FLUID & STATE	N ₂	→	→
Wt.	1.251 kg	→	→
VISCOSITY	0.0188 cP	→	→
FLOW	MAX. 50 NL/min	→	→
	MIN. 5 NL/min	→	→
	WORK 17 NL/min	→	→
PRESS	PRIMARY 7-10 kgf/cm ² G	→	→
	SECONDARY 1.5 kgf/cm ² G	→	→
TEMP.	50°C (MAX 90°C)	→	→
QUANT.	4	4	4

NO	PART DESCRIPTION	MATERIAL	REMARK
1	PANEL	SPCC	T=32
2	FILTER & REGULATOR	BRASS	PRI. PRESS (980.7 kPa) MAX 10 kgf/cm ² G
3	PRESSURE GAUGE	BRASS	#60 x 5 kgf/cm ² x 3 (Scale max 1.5 kgf/cm ² G)
4	PURGE METER	SUS304 HBR	(Scale max 1.5 kgf/cm ² G)
5	UNION	SUS304	
6	LEAD PIPE	Cu PVC COVER	Φ6 x 0.4
7			
8			
9			
10			

Finishing (PANEL)
Finishing MISEL 75B64/1.5 (Anti-acid painting)

Accessories

Spare parts

Test press (at) 3 kgf/cm²G (294.2 kPa)

Accuracy: 1/5 % (at F.S.)

Note: *1 (FI-1737A, 1738A) (FI-2737A, 2738A)

*2 (FI-3737A, 3738A) (FI-4737A, 4738A)

*3 (FI-1737B, 1738B) (FI-2737B, 2738B)

*4 (FI-3737B, 3738B) (FI-4737B, 4738B)

NAME	PURGE METER	CUSTOMER	
TYPE	PCH15-V	WFO NO.	F80-16680-T.6
DATE			
TOKYO KESSE CO. LTD.			

Handwritten signature and date: 2001/1/1